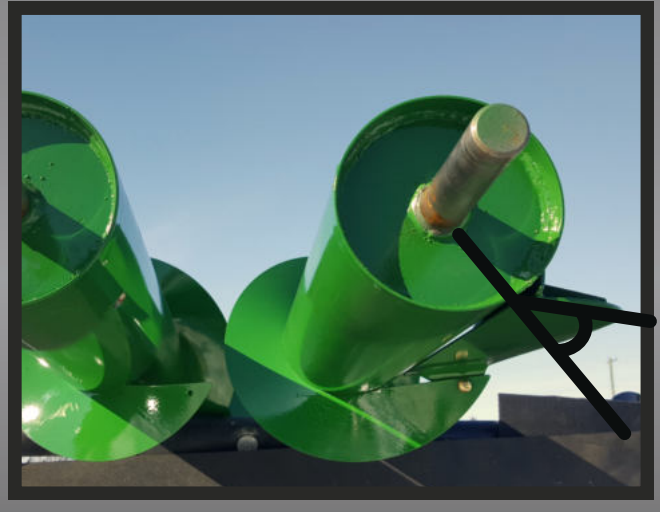
CROSS AUGER

- Full length augers to prevent hang ups.
- Compatible with All draper models.
- Swept back center paddles increase flow.
- Angled Stripper Bar to prevent wrapping.

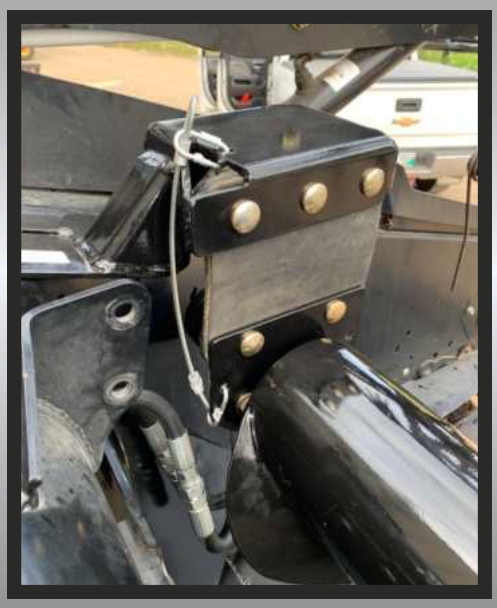
INDUSTRY LEADING FEATURES

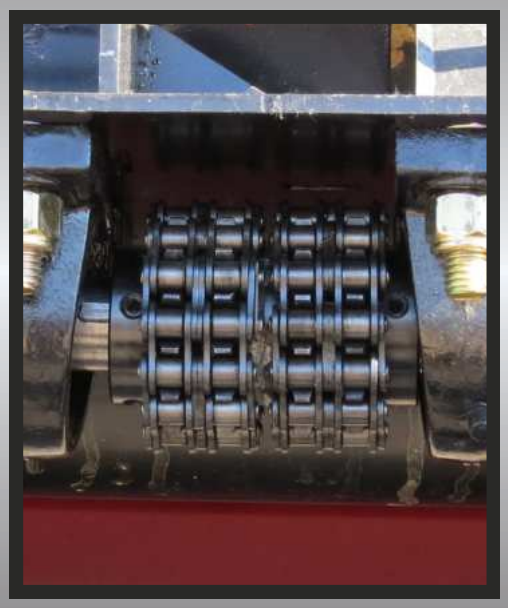
PATENTED ANGLED STRIPPER BAR



CENTER PADDLES

FLEX-END TECHNOLOGY





Multi-cord bonded rubber connection allows the auger to seamlessly follow the movement of the header. The double chain flex joint eliminates the need for high wear parts at the center coupler.

INCREASE COMBINE SPEED OVER 50%

Exchange your worn out MacDon cross auger for up to $3000.00 core credit. Contact us for details.

Harvest MORE Crop FASTER

WWW.AGSHIELD.COM
800-561-0132

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AG SHIELD

LAND ROLLER

- 1, 3, 5 Section models 11 to 70 feet.
- Maintain a smooth & stone free surface.
- Increase seed germination.
- Increase yield & save your combine.

Transport

Diagonal Pull Arm

450 lbs/ft CRUSHING DOWN FORCE

FEATURES & BENEFITS

PASTURE DOCTOR

Seed, pack and level over-grown rodent mounds in a single pass.

LEVELING BLADE

Cut rodent mounds flush and roll sod flat.
Faster harvest speeds on smoother fields.

WATER FILL KIT

Easily add water to increase crushing down-force.

SAVE YOUR COMBINE

Eliminate added expense and downtime caused by rocks in your field.

STANDARD FEATURES:

- 4-way floating HD knuckles with 1 3/4" pins
- Hydraulic floating hitch (minimizes frame stress)
- Highway rated tires
- HD #213 bearings with 2 1/2" replaceable shafts
- Self-stowing transport safety locks
- Main transport tires act as packers between the outer drums in field position on the 5 section model (Patented design)
- Acre Counter

OPTIONS:

- Patented Leveling Blade (up to 52' wide)
- Water Fill Kit w/ 3" banjo couplings (up to 52' wide)
- Factory Installed Valmar or Tecknic Seed Applicator (up to 52' wide)

Harvest MORE Crop FASTER

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AG SHIELD

AG SHIELD HAY CONDITIONER

PAYS FOR ITSELF IN LESS THAN A SEASON!

The Ag Shield Recon is an innovative hay conditioner that significantly cuts hay dry down time (30-60%). The Recon's roller design provides unmatched moisture release with its exclusive crimping frequency and can be outfitted with a mounted tedder and side deflectors for complete control of swath structure and air flow. The Recon hay conditioner gives you more control over harvesting your hay and helps maximize the quality.

STANDARD FEATURES

- Precision-timed & lathed steel rollers
- Quick-Set roller clearance adjustment
- Drive line 115 HP slip clutch
- Crushes stems every other inch
- High field speeds of up to 10 MPH
- Highway rated flotation tires
- High impact side deflectors
- Hydraulically controlled deflectors

Recon 300 - Pull type comes standard with tires and hubs rated for highway speeds for smooth operation in the field and reduced transport time.

Recon 400 - 3 point hitch has a pivoting body that allows you to angle the machine 25 degrees to combine two swaths to save a raking pass.

Precision timed and lathed rollers combined with hydraulic pressure opens stems fast and efficiently on all types of forage and cereal crops.

Side deflectors invert and move the swath onto dry ground to speed up the drying process and at the same time adjusting swath width to match baler.

Models

Recon 300 - 7ft rolls with 540 PTO
Recon 300 - 7ft rolls with 1000 PTO
Recon 300 - 9ft rolls with 1000 PTO
Recon 400 - 9ft rolls with 1000 PTO

Options

Hydraulic drive 7ft Spin Spreader
Hydraulic drive 9ft Spin Spreader
Side deflector extensions
3 PT quick hitch Category II

CALL US FOR MORE INFO
888.995.2728
www.agshield.com

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AG SHIELD

3 PT ROADSIDE SPRAYER

SAVING DOLLARS, SAFER ROADS

Ag Shield Roadside Sprayers give road maintenance crews cutting edge control while minimizing costs. Road side spraying with grading schedules improves road quality and decreases the number of grader passes. In addition to this, Ag Shield's patented sprayer shield provides the best drift control available for unmatched precision and safety.

STANDARD FEATURES

Patented Shielded Boom
12v DC pump
(4-6 GPM at 60 PSI)
In-cab sprayer controls
60 gallon tank

T-Jet 3 way rollover nozzle bodies
(5, 10 & 15 gallon nozzles)
Gauge wheel for boom level
Boom break-away
Chemical inductor

Ag Shield Roadside Sprayers feature a breakaway boom with gauge wheels at the center and outer edge to ensure the boom follows varying terrain. This design ensures that sprayer shield stays in close proximity to the ground, maximizing drift control and safety.

All functions are remotely controlled from the cab by electric solenoids. Premium hand wand & reel (optional).

Ag Shield Roadside Sprayers are designed for easy transport. Simply fold the boom(s), lock into place and drive to the next job site.

Shielded Booms

7 ft 4 nozzle center (Standard)

Options: 5 ft 3 nozzle left
5 ft 3 nozzle right
7 ft 4 nozzle right

Options

End nozzle	Fire hose
Camera	Eye/hand wash
Rate controller	Hand wand

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www.agshield.com

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AG SHIELD

TRUCK MOUNT ROADSIDE SPRAYER

SAVING DOLLARS, SAFER ROADS

Ag Shield Roadside Sprayers give road maintenance crews cutting edge control while minimizing costs. Road side spraying with grading schedules improves road quality and decreases the number of grader passes. In addition to this, Ag Shield's patented sprayer shield provides the best drift control available for unmatched precision and safety.

STANDARD FEATURES

Patented Shielded Boom
Honda ACE pump
In-cab sprayer controls
425 or 510 gal tank

T-Jet 3 way rollover nozzle bodies
(Varitarget nozzles)
Gauge wheel for boom level
Boom break-away
Chemical inductor

Ag Shield Roadside Sprayers feature a breakaway boom with gauge wheels at the center and outer edge to ensure the boom follows varying terrain. This design ensures that sprayer shield stays in close proximity to the ground, maximizing drift control and safety.

Optional Microtrak autorate controller provides accurate product application. All functions are remotely controlled from the cab by electric solenoids.

Ag Shield Roadside Sprayers are designed for easy transport. Simply fold the boom(s), lock into place and drive to the next job site.

Shielded Booms

7 ft 4 nozzle center (Standard)

Options: 5 ft 3 nozzle left
5 ft 3 nozzle right
7 ft 4 nozzle right

Options

End nozzle	Fire hose
Camera	Eye/hand wash
Rate controller	Hand wand
LED Beacon	2nd Product tank

CALL US FOR MORE INFO

800.561.0132

www.agshield.com

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TERRAFORMER

By AG SHIELD

WHO SAID THE EARTH CAN'T BE FLAT?

- Contour land fast and efficiently
- Maximum width of 8.65 meters (28 ft)
- Infinite blade adjustments 12ft-28ft
- Auto grade and slope control ready
- 12 ft transport width for safe & efficient transportation

BEST OF BOTH WORLDS!

Capture up to 20 yards

Continuous earth moving

FEATURES & BENEFITS

Transport Mode

V Mode

V Carry Mode

U Blade Carry Mode

Land Plane Mode

Independent Outer Wings

STANDARD FEATURES:

- Hardened cutting edges
- Standard construction grade ripper tip & end bits (D7, D9 & D11 Dozer)
- Industrial cylinders (Bolt on glands & induction hardened rods)
- Bull pull hitch - Cat 4 or Cat 5
- Radial flotation tires
- LED clearance, marker, stop & turn lights
- Height and tilt indicator

OPTIONAL FEATURES:

- Electrical over Hydraulic valves or multipliers
- Scraper Hitch
- Auto slope & tilt control by SD Drain
- RTK & Laser guidance systems
    - SD Drain
    - Trimble
    - Ditch Assist

Left Tilt

Right Tilt

12' Transport width

Harvest MORE Crop FASTER

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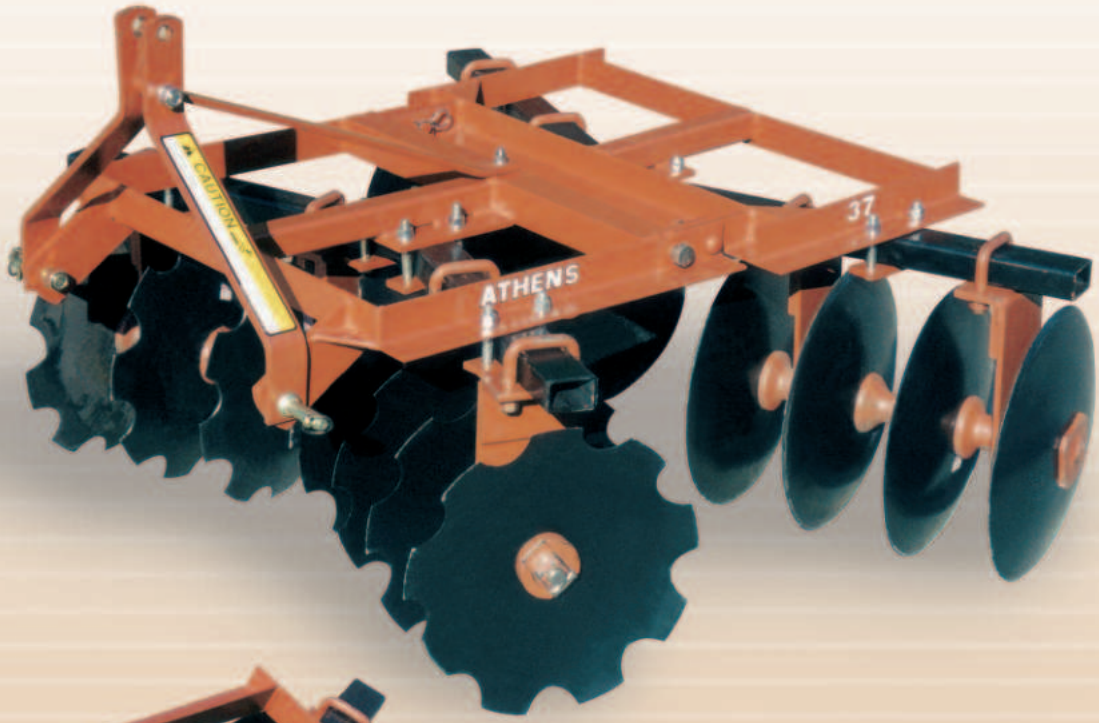
AG SHIELD

LIFT TYPE DISK HARROW

ATHENS MODEL 37



MODEL 37

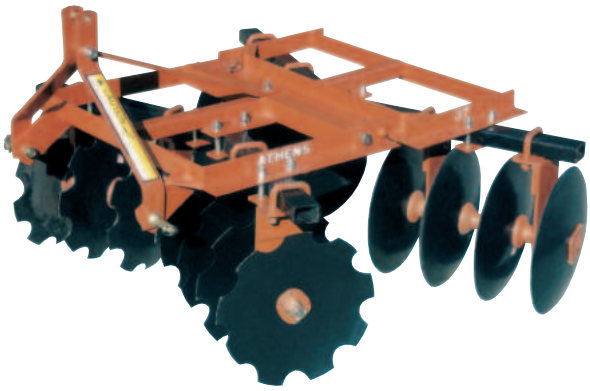
ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	APPROX. WEIGHT (lbs.)	*APPROX. DBHP
5' 2"	16	8	640	22
6' 3"	16	8	670	25
6' 5"	18, 20	8	722	25

* Approximate DBHP is only given as a guide. Extremely hard, soft, hilly or boggy conditions will change these figures.



Weight per blade ranges from 35-42 pounds.
Above: The Rear Frame is pinned up to increase the weight on the front gangs for the initial pass.

The Athens Model 37 is ideal for orchards and vineyards. Its compact design allows easy lifting, straight pulling and excellent maneuverability in small fields and around close objects.

Standard Equipment

- Category 1 Hitch
- 1" Square C1045 Steel Axle
- Factory Assembled Disc Gangs
- Triple-Lip Sealed Ball Bearings
- Adjustable Angle of Cut, 4° or 19°

Optional Equipment

- 18" Disc Blades, Smooth or Cutout
- Disc Spacing, 7", 9", or 9" Front and 7" Rear

Features

Frame Design

The front and rear frame of the Athens 37 is constructed of angle and steel tubing, welded into a unitized assembly for strength and durability. The rear frame can be pinned in the up position to increase the weight on the front gangs for the initial pass.

Hitch

Category 1 Hitch is ideal for small tractors with 20-30 HP. The hitch is securely braced and rigidly connected to the frame.

Disc Gangs

Gangs are assembled in the factory and tightened to 750 foot pounds. Sturdy 2" x 3" steel tubing is used for the gang frames. Rigid bearing hangers hold bearings in perfect alignment and insure gang rigidity for free turning discs.

Disc Blades

The disc blades are made from the highest quality steel for strength and durability. Made in the USA.

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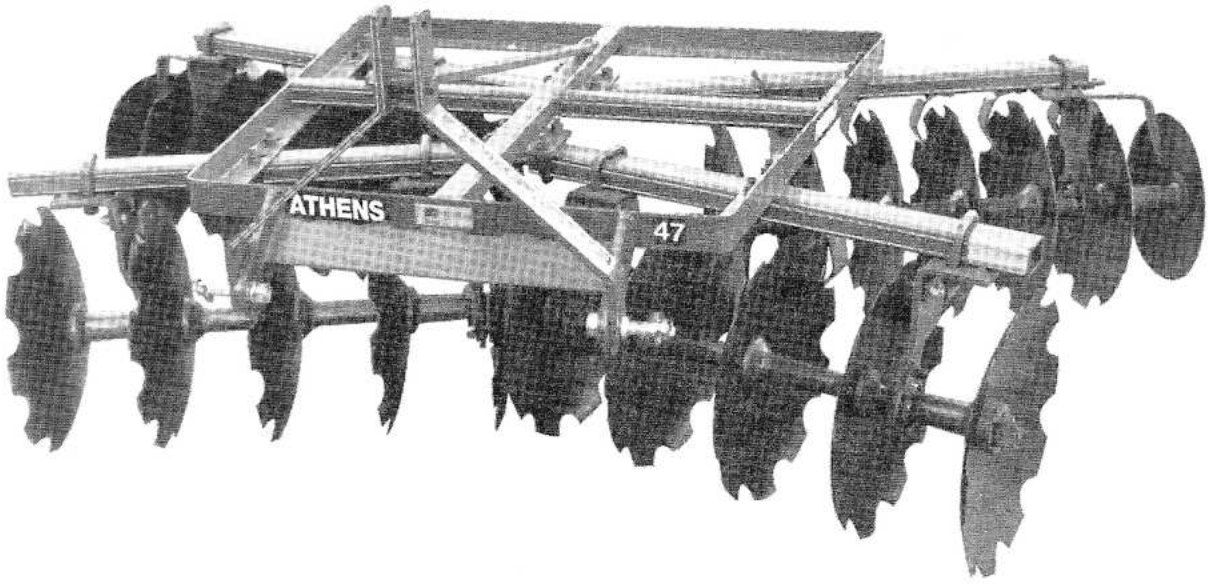
ATHENS

MODEL 47

LIFT TYPE DISK HARROW



THE 47 IS THE NEWEST OF THE ATHENS THREE POINT DISKS. PROVEN AS A FINISHING, INCORPORATING, MULCHING AND FRESHENING HARROW, THE 47 IS IDEAL FOR WEEKENDERS, FARMERS, ORCHARDISTS, AND VINEYARDISTS. IT'S TOTALLY ATHENS IN EVERY SENSE OF THE WORD.

ATHENS
TILLAGE TOOLS
ATHENS, TENNESSEE, USA

ATHENS PLOW COMPANY, INC.
P. O. BOX 609
ATHENS, TENNESSEE 37371-0609

47 LIFT TYPE DISK HARROW

SPECIFICATIONS

WIDTH OF CUT	NO. OF DISKS	NUMBER OF BRGS.	APPROX WEIGHT	DBHP
6'3"	16	8	692	25
6'5"	18, 20	8	735	25
7'6"	22, 24	8	812	30
7'9"	20	8	772	30

Number of disks vary with the combination of spacing. 7", 9", or 9" front 7" rear.

STANDARD EQUIPMENT:

CATEGORY 1 HITCH
1" SQUARE C1045 STEEL AXLE
FACTORY ASSEMBLED DISK GANGS
TRIPLE-LIP SEALED BALL BEARINGS
ADJUSTABLE ANGLE OF CUT

OPTIONAL EQUIPMENT:

18" OR 20" DISK BLADES, CUTOUT OR SMOOTH
DISK SPACING, 7", 9" OR 9" FRONT AND 7" REAR.

EXTRA EQUIPMENT:

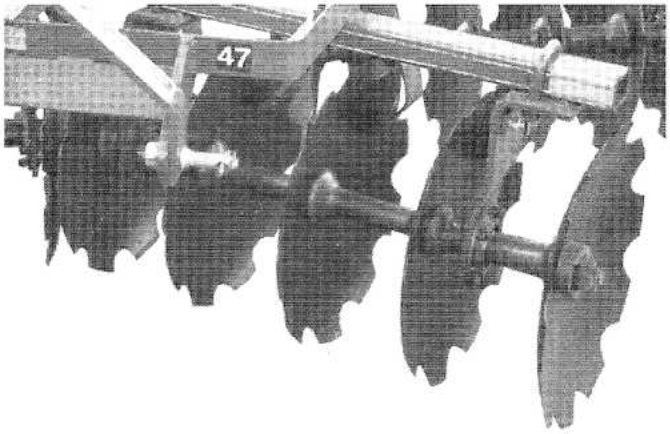
DISK SCRAPERS

FEATURES

CATEGORY 1 HITCH WHICH IS BRACED AND SECURED TO THE WELDED FRAME.

FACTORY ASSEMBLED GANGS.
STURDY 2"x3" STEEL TUBING USED FOR THE GANG FRAMES. GANGS CAN BE ADJUSTED FOR CUTTING ANGLES FROM 15º TO 20º.

HEAVY-DUTY BEARING HANGERS.
RIGID BEARING HANGERS HOLD BEARINGS IN **PERFECT** ALIGNMENT AND ASSURE GANG RIGIDITY FOR FREE TURNING DISKS.



SELF-ALIGNING, FLANGETTE-MOUNTED, SEALED BALL BEARINGS, FEATURE TRIPLE-LIP SEALS THAT NEVER NEED LUBRICATION AND PROVIDE LONG LIFE, AND LOW MAINTENANCE.

FRAME DESIGN.

THE RUGGED FRAME OF THE ATHENS 47 IS CONSTRUCTED OF ANGLE AND STEEL TUBING THAT IS WELDED INTO A UNITIZED ASSEMBLY FOR STRENGTH AND DURABILITY.

CHOICE OF DISKS.

18" OR 20" CUTOUT OR SMOOTH DISK BLADES ARE SPACED 7", 9", OR 9" ON FRONT AND 7" ON REAR ARE OFFERED ON THE MODEL 47. CAST IRON SPACERS AND HALF SPACERS ARE ARBOR-MACHINED ON BOTH ENDS FOR A PRECISE FIT WITH THE DISKS AND BEARINGS.

ATHENS PLOW CO., INC. guarantees each piece of equipment against defective materials and workmanship for a period of one year from the date of delivery to the purchaser unless otherwise specified.
ATHENS PLOW CO., INC. reserves the right to make changes and/or improvements in design and construction of parts or machines without notice or obligation.

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ATHENS
MODEL 52

52

ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

The Athens Model 52 is the perfect choice for compact tractor owners, gardeners, weekenders, and small wildlife food plots. This lift-type tandem disc harrow is available in 6' 6", 7' 0", 7' 11", and 8' 2" widths and its compact design allows for easy lifting, straight pulling, and excellent maneuverability.

www.athensplowcompany.com

MODEL 52 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	DISC SPACING		NUMBER OF BEARINGS	*APPROX HP	APPROX WEIGHT (lbs.)
		FRONT	REAR			
6' 6"	16	9"	9"	8	35 - 40	868
7' 0"	18 20	9" 7 ½"	7 ½" 7 ½"	8	40 - 45	938
7' 11"	20	9"	9"	8	45 - 50	982
8' 2"	22 24	9" 7 ½"	7 ½" 7 ½"	8	45 - 55	1021

*Approximate Horse Power (HP) is only a guide. Extremely hard, soft, or boggy conditions will change these figures.

STANDARD EQUIPMENT

- Disc Blades, 18" or 20" Diameter
- Relube Quadraseal Ball Bearings
- 1⅛" Square Cold Rolled Axle
- Spacing, 9", 7 ½", or 9" Front & 7½" Rear
- Adjustable Angle of Cut: 15° or 18°
- Gang Wrench
- Cat. I Hitch Free Link

OPTIONAL EQUIPMENT

- Scrapers
- Cover Discs
- Cat. II Hitch Free Link

Disc Blades

Available in 18" and 20" diameter sizes. Choose between Smooth or Cutout. Smooth Blades are best utilized in normal field conditions. They are more economical, last longer, weigh more, and wear more evenly, thus staying sharper longer. Cutout blades are more aggressive and trap residue better than smooth blades.

FEATURES

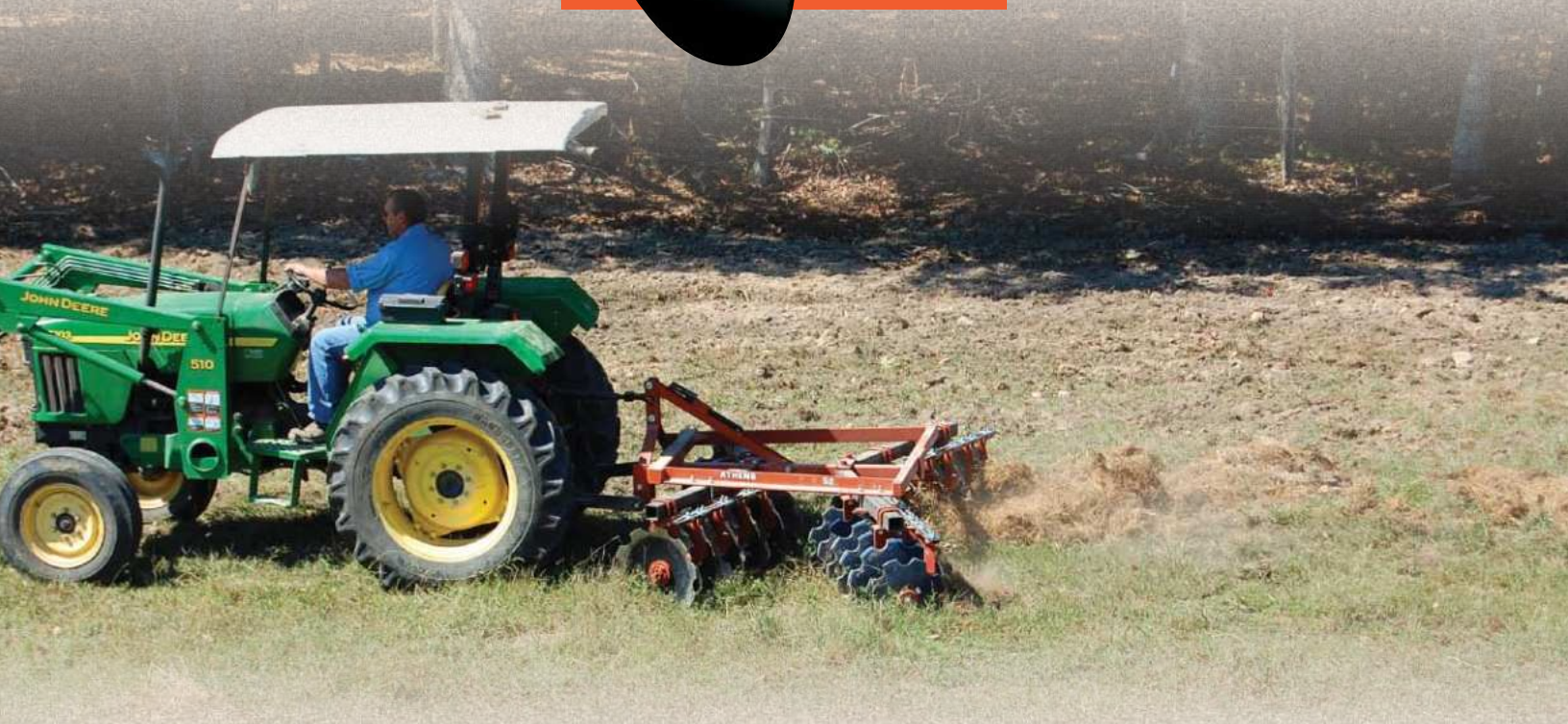
The Main Frame is constructed of ¼" thick steel tubing and ½" thick angle which is truss-braced and reinforced to resist twisting and bending. Compact design allows for easy lifting, straight pulling, and excellent maneuverability in small fields and around close obstacles.

Axles are made from 1⅛" square cold rolled steel to insure straightness and to keep bearings and disc in alignment.

Gang Frames are constructed from 3 x 3 x ¼" structural steel tubing.

Flangette Ball Bearings on the 52 are greaseable and have triple lip seals.

Angle of Cut adjustments can be made from 15° to 18° depending on your need for penetration and aggression.



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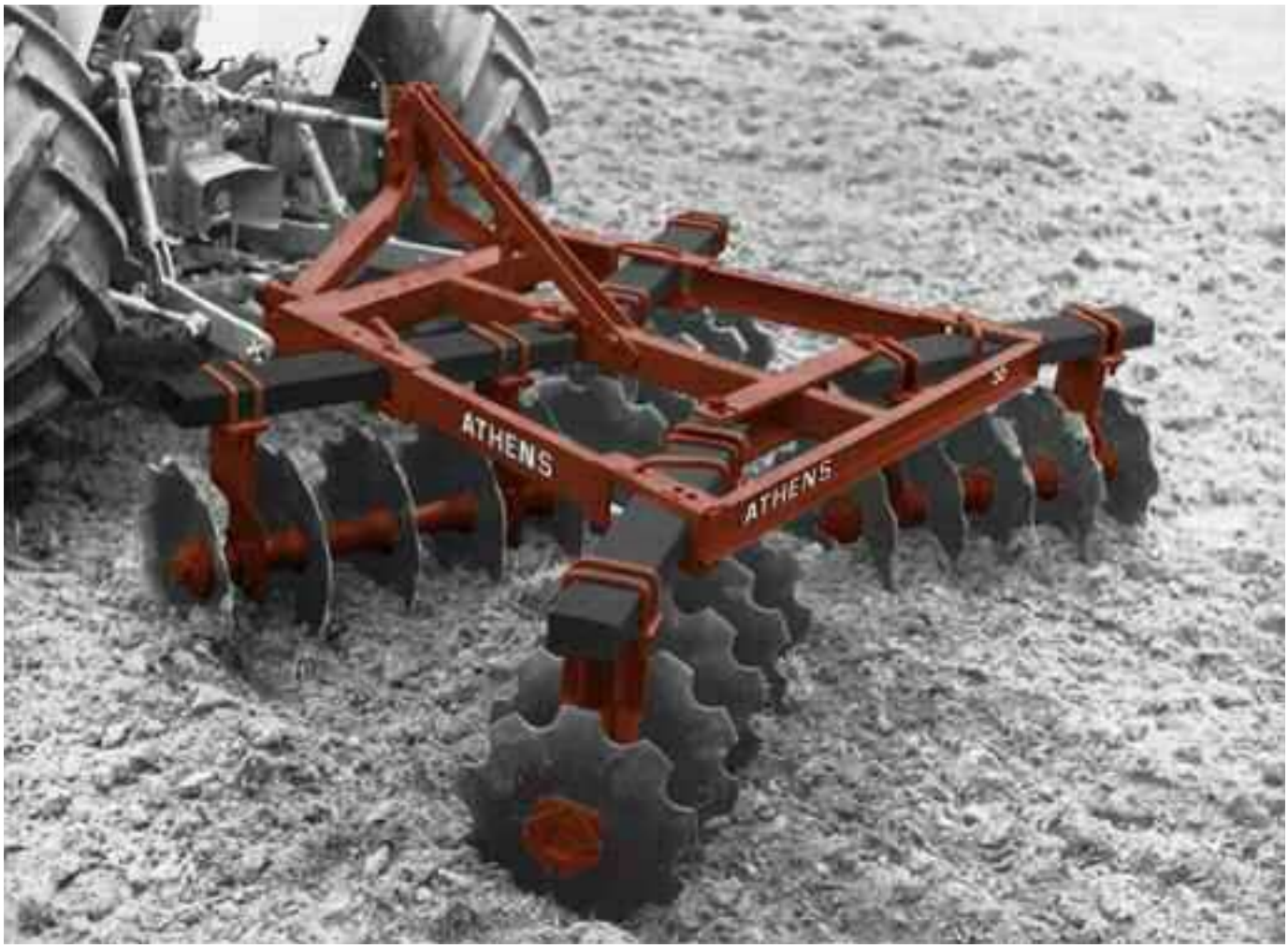
ATHENS

MODEL 55
MOUNTED DISK HARROW



When it comes to rugged dependability and unsurpassed field performance, the Athens “55” is tops in its class!

This brawny, fully-mounted tandem has the weight (average 55# per disk) and strength to chop through stalks and stubble with ease...Plus quick and easy adjustments to provide excellent incorporation and seedbed finishing.

ATHENS PLOW COMPANY

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P.O. BOX 609
ATHENS, TENNESSEE 37371-0609
WWW.ATHENSPLOWCOMPANY.COM

55 MOUNTED DISK HARROWS

SPECIFICATIONS

Width of Cut	No. of Disks *	Approx. Weight
6′ 6″	16	1104
7′ 0″	18/20*	1188
7′ 11″	20	1242
8′ 2″	22/24*	1321
9′ 4″	24/26/28*	1456

* Number of disks vary with the combination of spacing 7½″, 9″, or 9″ front and 7½″ rear.

STANDARD EQUIPMENT:

- Category II Hitch
- 1 ⅛″ Cold Rolled Square Steel Axle
- Disk Gang Wrench
- Tapered Outside Rear Disk Gangs
- Adjustable Angle of Cut
- Flangette Bearing Hangers
- Relube Ball Bearings

OPTIONAL EQUIPMENT:

- Category I or II Hitch
- 20″ or 22″ Disk Blades Cut Out or Smooth
- Disk Spacing—7½″, 9″ or 9″ Front and 7½″ Rear

EXTRA EQUIPMENT:

- Heavy Duty Scraper Blades
- Balk Buster
- Cover Disk

FEATURES

RUGGED 3″ x 5″ GANG FRAME TUBES. Provides rigid support for bearing hangers and gang components.

HEAVY-DUTY BEARING HANGERS. Rigid bearing hangers hold bearings in PERFECT alignment and assure gang rigidity for free turning disks. Hangers are secured to gang frames with heavy duty $^{5}/_{8}$″ U bolts.

RELUBE BALL BEARINGS. The bearings are shroud protected, heavy-duty, flangette type and have triple lip seals.

FACTORY ASSEMBLED GANGS. Gangs are tightened to 750 foot pounds, and locked securely with slotted nuts and cotter pins.

ADJUSTING ANGLE OF CUT. Adjusting is fast and easy from 13° to 21° in 4° increments to provide deeper penetration and more aggressive cutting and mixing action. Gangs adjust individually without tools by removing only one pin per gang. Disk gangs can be shim-leveled individually side-to-side.

CHOICE OF DISKS. You may chose from 20″ or 22″ disk blades in either smooth or cut out. All are high quality alloy steel for long life.

SPACER AND BEARING SPOOLS. Made from high strength cast iron to exacting specifications. The large flanged ends support more disk area and are arbor machined to assure a snug fit and precise bearing alignment.

FRAME DESIGN. Compact, close-coupled design allows easy lifting, straight pulling, and excellent maneuverability in small fields and around close obstacles.

EXTRA EQUIPMENT FEATURES SCRAPERS. Heavy-duty scraper arms and knife-type blades provide maximum cleaning and clearance of trash.

COVER DISKS. Easily bolts on to outside rear gangs to remove ridges and furrows left by the front gang.

BALK BUSTER. Bolts on to main frame between the front gangs to cut out the ridge normally left between the front gangs. Made of ¾″ x 2″ alloy steel.

UNITIZED FRAME. Constructed from 4″ channel and 4″ x 4″ steel tubing. Reinforced and truss braced to resist twisting and bending loads.

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ATHENS
MODEL 65

The Model 65 is ideal for wildlife applications and management. This lift-type tandem disc harrow is available in 8' 0", 8' 4", and 9' 6" widths making it the perfect choice for plantations and ranches.

ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

STANDARD EQUIPMENT

- Disc Blades, 22" or 24" Diameter
- Relube Quadraseal Ball Bearings
- Rigid Bearing Hangers with Wear Plates
- 1.25" Square Cold Rolled Axle
- Spacing, 9" or 9" Front & 7.5" Rear
- Adjustable Angle of Cut: 15°, 18° or 21°
- Gang Wrench

OPTIONAL EQUIPMENT

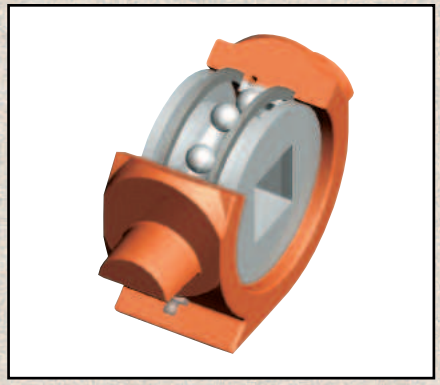
- Spring Bearing Hangers with Wear Plates
- Scrapers
- Cover Discs
- Balk Buster

MODEL 65 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	DISC SPACING FRONT	DISC SPACING REAR	NUMBER OF BEARINGS	*APPROX. DBHP	APPROX. WEIGHT (lbs.)
8' 0"	20	9"	9"	8	70	1,700
8' 4"	22	9"	7.5"	8	75	1,800
9' 6"	24	9"	9"	8	85	2,000
	26	9"	7.5"			

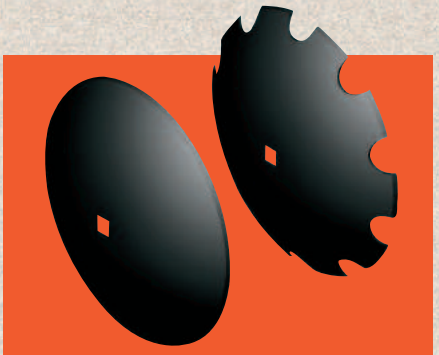
*Approximate Draw Bar Horse Power is only a guide.
Extremely hard, soft, hilly or boggy conditions will change these figures.

Versatility: The Hitch on the Model 65 is designed to adapt to a Category II Free Link or a Category II Quick Hitch.



Quadraseal Ball Bearings

Strong relube QUADRASEAL ball bearings on the Model 65 mean long life and less downtime.



Disc Blades

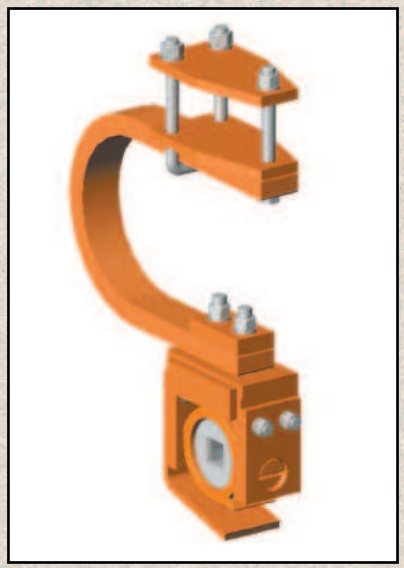
Available in 22 and 24 inch sizes. Athens Plow offers tailored solutions to meet your disking needs.

Smooth blades are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

Cutout blades are more aggressive and trap residue better than smooth blades.

The Rigid Bearing Hanger

features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.



The Spring Bearing Hanger

provides maximum strength without sacrificing flexibility. It also features a **Wear Plate** which protects the front and bottom of the Bearing Housing.

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ATHENS

MODEL 66

MOUNTED DISK HARROW

for

Sandy Soil

ATHENS PLOW COMPANY, INC.
P.O. BOX 609
ATHENS, TENNESSEE 37371-0609

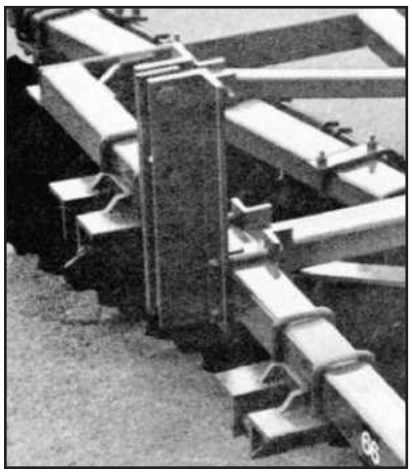
WE PLOW THE EARTH

66 MOUNTED DISK HARROW

SPECIFICATIONS

WIDTH OF CUT	NO. OF BLADES	NO. OF BEARINGS	DBHP * MIN.	DBHP * MAX.	APPROX. WEIGHT
12′ 2″	32	8	60	85	2067
12′ 11″	36, 40	8	65	90	2149
13′ 6″	36	10	65	100	2254
14′ 1″	40, 44	12	70	100	2515
15′ 0″	40	12	75	110	2565
15′ 3″	44, 48	14	75	110	2636

* Maximum Recommended DBHP. Approximate DBHP is only a guide. Extremely hard, soft, hilly, or boggy conditions will change these figures. DBHP in excess of the maximum recommended will void all warranty provisions.

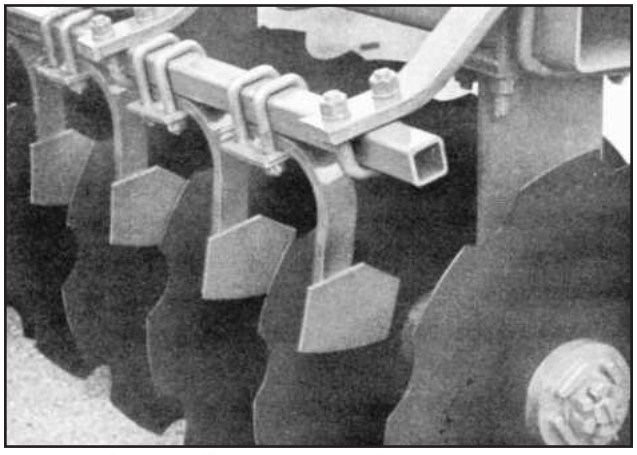


STANDARD EQUIPMENT

- 1⅛″ COLD ROLLED SQUARE AXLES
- RELUBE BALL BEARINGS
- FLANGETTE BEARING HANGERS
- ADJUSTABLE ANGLE OF CUT 16° TO 21°
- FACTORY ASSEMBLED TAPERED GANGS
- CAT II OR III HITCH, FREE LINK OR QUICK COUPLER
- 7½″, 9″, OR COMBINATION SPACING
- 20″ OR 22″, CUTOUT OR SMOOTH BLADES

EXTRA EQUIPMENT

- BALK BUSTER
- COVER DISK
- HEAVY DUTY SCRAPERS



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ATHENS PLOW CO., INC. reserves the right to make changes and/or improvements in design and construction of parts or machines without notice or obligation.

FEATURES

- **FRAME**
  THE FRAME IS CONSTRUCTED FROM 4x4 AND 4x3 STRUCTURAL TUBING WHICH IS TRUSS BRACED AND REINFORCED TO RESIST TWISTING AND BENDING.

- **GANGS**
  RUGGED 3x5 TUBULAR GANG FRAMES PROVIDE RIGID SUPPORT FOR GANG COMPONENTS. GANGS ARE FACTORY ASSEMBLED TO 750 FOOT POUNDS AND LOCKED SECURELY WITH SLOTTED NUTS.

- **AXLES**
  AXLES ARE MADE FROM 1⅛″ COLD ROLLED SQUARE STEEL TO INSURE STRAIGHTNESS AND TO KEEP BEARINGS AND DISKS IN ALIGNMENT.

- **ANGLE OF CUT**
  ADJUSTMENTS FROM 16° TO 21° ARE FAST AND EASY. GANGS ADJUST INDIVIDUALLY.

- **DISK BLADES**
  BLADES ARE MADE FROM THE HIGHEST QUALITY STEEL FOR DURABILITY AND STRENGTH.

ATHENS PLOW COMPANY, INC.
P. O. BOX 609
ATHENS, TENNESSEE 37371-0609

ATHENS
MODEL 97

The Model 97 is ideal for wildlife applications and management. This lift-type offset disc harrow is available in widths from 6' 2" to 9' 0", making it the perfect choice for plantations and ranches.

ATHENS PLOW COMPANY

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STANDARD EQUIPMENT

- Disc Blades, 22" or 24" Diameter
- 9" Spacing
- Relube Quadraseal Ball Bearings
- Rigid Bearing Hangers with Wear Plates
- 1.25" Square Cold Rolled Axle
- Adjustable Angle of Cut: 18° or 21°
- Gang Wrench

OPTIONAL EQUIPMENT

- Spring Bearing Hangers with Wear Plates
- Scrapers
- Cover Discs

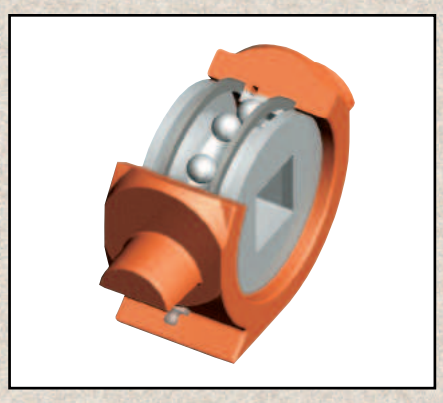
MODEL 97 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	*APPROX. HORSE POWER	APPROX. WEIGHT (lbs.)
6' 2"	16	6	50 - 60	1,385
6' 10"	18	8	60 - 70	1,565
7' 6"	20	8	70 - 80	1,672
WIDE MAIN FRAME - CAT. II/III HITCH				
8' 4"	22	8	80 - 90	1,798
9' 0"	24	8	90 - 100	1,898

*Approximate Horse Power is only a guide.
Extremely hard, soft, hilly or boggy conditions will change these figures.

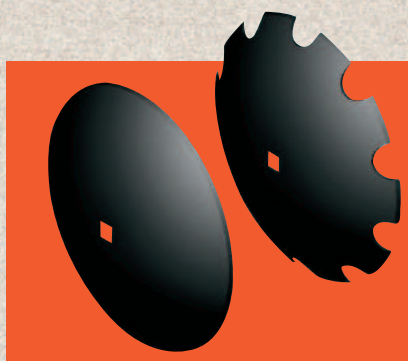
The Top-Hitch Brace

on the Model 97 adds strength and durability to the hitch. Designed with a 1.5" diameter rod and a heavy duty spring, this brace is built to last.



Quadraseal Ball Bearings

Strong relube QUADRASEAL ball bearings on the Model 97 mean long life and less downtime.



Disc Blades

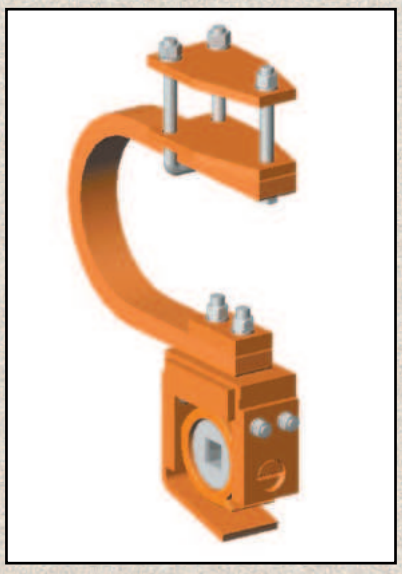
Available in 22 and 24 inch sizes. Athens Plow offers tailored solutions to meet your disking needs.

Smooth blades are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

Cutout blades are more aggressive and trap residue better than smooth blades.

The Rigid Bearing Hanger

features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.



The Spring Bearing Hanger

provides maximum strength without sacrificing flexibility. It also features a **Wear Plate** which protects the front and bottom of the Bearing Housing.

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ATHENS
MODEL BBD5

Blueberry Disc 5'

ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

The Model BBD5 is primarily designed for re-establishing the row middles of the blueberry bushes, rebuilding the beds, and is also ideal for weed cultivation. The 5' working width makes it the perfect choice for blueberry bush rows on 9' centers.

www.athensplowcompany.com

STANDARD EQUIPMENT

- 1¼" Cold Rolled Square Gang Axle
- Relube Quadraseal Ball Bearings
- Rigid Bearing Hangers with Wear Plates
- Spacing, 9"
- Tapered Disc Gang, 22" - 16" C/O or SM
- Adjustable Angle of Cut: 15° or 18°
- Cat. II Free Link or Quick Coupler
- Balk Buster with 9" Sweep
- Gang Wrench

OPTIONAL EQUIPMENT

- Scrapers

FEATURES

Quadraseal Ball Bearings
Strong relube QUADRASEAL Ball Bearings on the Model BBD5 mean long life and less downtime.

The Rigid Bearing Hanger features a Wear Plate that bolts onto the front-side of the bearing hanger adding extra protection to the front and bottom of the bearing housing.

The Main Frame is constructed of ¼" thick steel tubing which is trussed braced to resist twisting and bending.

Gang Frames are constructed from 3" x 5" heavy wall structural steel tubing.

Angle of Cut
Adjustments from 15° to 18° are made without tools by removing only one pin per disc gang.

Vertical Flexibility
The Spring Leveling Rod Assembly allows the disc gangs to adjust and flex with the contour of the land between the rows.

MODEL BBD5 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	*APPROX. HP	APPROX. WEIGHT (lbs)
5' 0"	8	4	45	985
6' 6"	10	8	40-80	1048

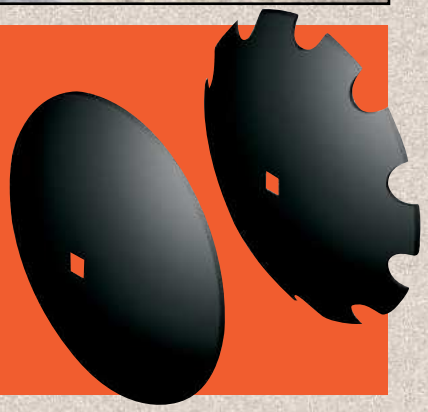
*Approximate Horse Power (HP) is only a guide. Extremely hard, soft, or boggy conditions will change this figure.

Disc Blades

The disc gangs are tapered from the inside-out starting with 22" diameter discs tapering down to 16" diameter discs. Available in Cutout or Smooth.

Smooth blades are best utilized in normal field conditions. They are more economical, wear longer, weigh more, and wear more evenly, thus staying sharper longer.

Cutout blades have an aggressive edge that trap and cut residue better than smooth blades.



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ATHENS
MODEL 62

The Model 62 is the ideal Tandem Disk Harrow for those who need to pass through lanes and narrow gates while still providing the performance of wider disks. The Model 62 is available in widths from 7'11" to 12'11" making it the perfect choice for smaller farms, plantations and ranches.

ATHENS PLOW COMPANY

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MODEL 62 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	DISC SPACING FRONT	DISC SPACING REAR	NUMBER OF BEARINGS	*APPROX. DBHP	APPROX. WEIGHT (lbs.)
7'11"	20	9"	9"	8	40-50	1,646
8'2"	22	9"	7½"	8	45-55	1,768
	24	7½"	7½"			
9'4"	24	9"	9"	8	50-60	1,874
	26	9"	7½"			
	28	7½"	7½"			
10'6"	30	9"	7½"	8	55-65	2,088
	32	7½"	7½"			
10'9"	28	9"	9"	8	55-65	2,026
12'2"	32	9"	9"	12	65-75	2,336
12'11"	36	9"	7½"	12	70-80	2,526
	40	7½"	7½"			

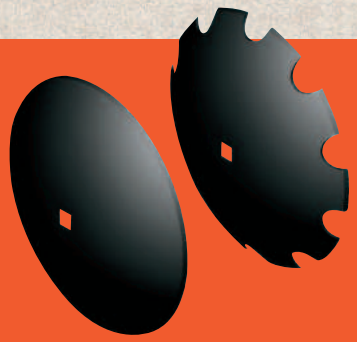
***Approximate Draw Bar Horse Power is only a guide.**
Extremely hard, soft, hilly or boggy conditions will change these figures.

STANDARD EQUIPMENT

- Disc Blades, 20" or 22" Diameter
- Relube Quadraseal Ball Bearings
- Rigid Flangette Bearing Hangers
- 1⅛" Square Cold Rolled Axle
- Hydraulics Complete
- 15", 5 Lug Wheels with Quadraseal Hubs
- Spacing: 7½", 9" or 9" Front & 7½" Rear
- Angle of Cut: 13°, 17° or 21°
- Gang Wrench

OPTIONAL EQUIPMENT

- Scrapers
- Cover Discs
- Balk Buster



DISC BLADES

Available in 20 and 22 inch sizes. Athens Plow offers tailored solutions to meet your disking needs.

Smooth blades are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

Cutout blades are more aggressive and trap residue better than smooth blades.

FEATURES

FRAME

The Main Frame is constructed of 4"x4" square tubing and 4" structural channel which is trussed braced and reinforced to resist twisting and bending.

GANGS

Rugged 3"x5" gang frame tubes provide rigid support for gang components. Gangs are factory assembled to 750 ft. lbs. and locked securely with slotted nuts.

AXLES

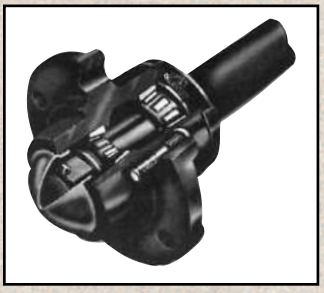
Axles are made from 1⅛" square cold rolled steel to insure straightness and to keep bearings and discs in alignment.

ANGLE OF CUT

Adjustments from 13° to 21° in 4° increments are made without tools by removing only one pin per gang.

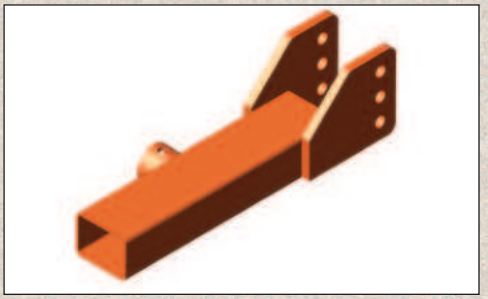
VERSATILITY

The Tongue Clevis height can be adjusted to match the draw-bar height on the Tractor.



The Quadraseal Wheel Hubs are an exclusive ATHENS PLOW design for increased Bearing life and reduction of downtime. Our QUADRASEAL Wheel Hubs offer maximum protection from dirt and trash by combining a triple lip seal with a press fitted external trash flinger.

www.athensplowcompany.com



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ATHENS
MODEL 93

The Model 93 is the ideal Disk for smaller farms, plantations, and ranches. This rugged Tandem Disk Harrow is available in widths from 9'4" to 15'3", making it the perfect choice for pasture land renovation, firebreaks, and food-plots.

ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

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Disc Blades

Available in 22 and 24 inch sizes. Athens Plow offers tailored solutions to meet your disking needs.

Smooth blades are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

Cutout blades are more aggressive and trap residue better than smooth blades.

CUTOUT OR SMOOTH

STANDARD EQUIPMENT

- Disc Blades, 22" or 24"
- Spacing: 9", 7 1/2", or 9" Front and 7 1/2" Rear
- Adjustable Cutting Angle: 15° or 19°
- Relube Quadraseal Ball Bearings
- Rigid Bearing Hangers with Wear Plates
- 1 1/4" Square Cold Rolled Axle
- Tapered Outside Front & Rear Gangs
- Heavy-Duty Scrapers
- Cover Discs with Scrapers
- Self Leveling Frame
- Gang Wrench and Tongue Jack
- Reversible Tongue Clevis
- 15" - 5 Lug Wheel Hubs and Rims
- Dual Wheels on 15' and 15'3"
- Lifting Hydraulics Complete
- Mechanical Transport

OPTIONS

- Dual Wheels on 9' 4" - 14' 1"
- Spring Bearing Hangers with Wear Plates
- Balk Buster

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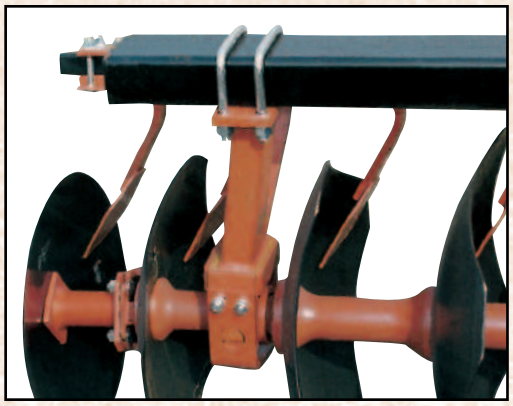
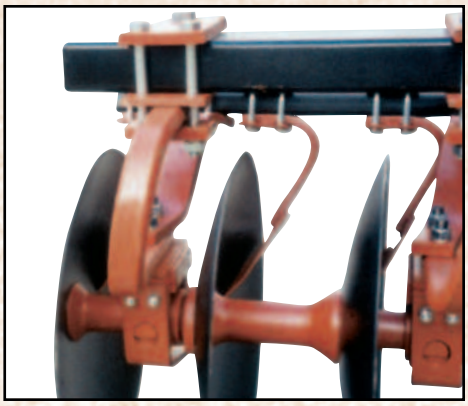
MODEL 93 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	**APPROX. DBHP	APPROX. WEIGHT (lbs.)
9' 4"	24, 26, 28	8	60 - 75	2,898
10' 6"	28, 30, 32	8	70 - 85	3,123
12' 2"	32	12	85 - 95	3,493
12' 11"	36, 40	12	90 - 100	3,569
13' 6"	36	12	95 - 110	3,707
14' 1"	40, 44	12	100 - 120	3,754
15' 0"	40	16	100 - 125	4,751
15' 3"	44, 48	16	100 - 130	5,642

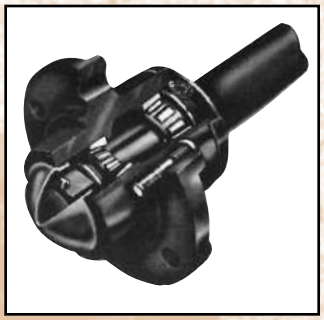
** Approximate Draw Bar Horse Power (DBHP) is only a guide.
Extremely hard, soft, hilly or boggy conditions will change these figures.



The Rigid Bearing Hanger features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.

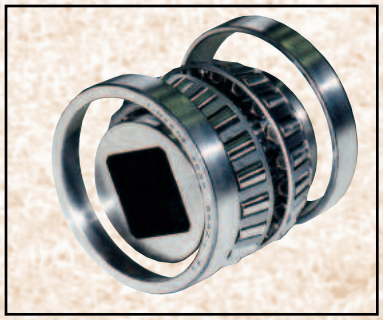


The Spring Bearing Hanger provides maximum strength without sacrificing flexibility. It also features a **Wear Plate** which protects the front and bottom of the Bearing Housing.



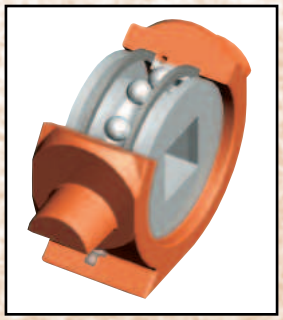
The Quadraseal Wheel Hubs

are an exclusive ATHENS PLOW design for increased Bearing life and reduction of downtime. Our QUADRASEAL Wheel Hubs offer maximum protection from dirt and trash by combining a triple lip seal with a press fitted external trash flinger. The QUADRASEAL Bearings give added bearing life.



The Quadraseal Double Tapered Roller Bearings

provide the most capacity in the industry. With this added capacity, the probability of overloading is virtually eliminated. The double tapered roller bearing has a triple-lip seal that runs on a hardened, polished surface and is protected by a heavy steel washer to avoid damage from wire and trash. Between the washer and the seal is a cavity filled with grease – an additional sealing element against dirt.



Quadraseal Ball Bearings

Strong relube QUADRASEAL ball bearings on the 93 cutout or smooth disc blades mean long life and less downtime.

ATHENS PLOW COMPANY

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ATHENS
MODEL 153

153

The Model 153 is ideal for smaller farms, plantations and ranches. This heavy-duty Tandem Disc Harrow is available in 9' 6", 11' and 12' 6" widths, making it the perfect choice for pasture land renovation, firebreaks, and wildlife food plots.

ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

STANDARD EQUIPMENT

- 1½" Cold Rolled Square Gang Axle
- Double Tapered Roller Bearings
- Rigid or Spring Bearing Hangers with Wear Guards
- Disc Blades, 24" Diameter C/O or SM
- Disc Spacing, 9½"
- Dual Wheels
- Lifting Hydraulics
- Heavy-Duty Tube Mounted Scrapers
- Cover Discs with Scrapers
- Self-Leveling Frame
- Mechanical Transport
- Reversible Tongue Clevis
- Gang Wrench and Tongue Jack

MODEL 153 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	*APPROX. DBHP	APPROX. WEIGHT (lbs.)
9' 6"	24	8	75-95	4,295
11' 0"	28	10	85-110	4,643
12' 6"	32	12	100-125	5,290

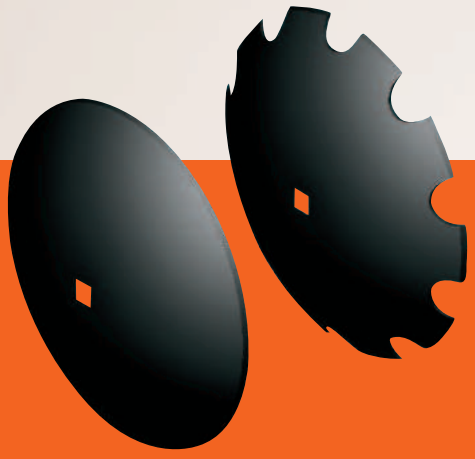
*Approximate Draw Bar Horse Power (DBHP) is only a guide. Extremely hard, soft, hilly or boggy conditions will change these figures.

The Spring Bearing Hanger

on the 153 provides maximum strength without sacrificing flexibility. It also features a **Wear Plate** which protects the front and bottom of the Bearing Housing.

The Rigid Bearing Hanger

on the 153 features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.



Disc Blades

Smooth blades are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

Cutout blades are more aggressive and trap residue better than smooth blades.

The Quadraseal Double Tapered Roller Bearings

provide the most capacity in the industry. With this added capacity, the probability of overloading is virtually eliminated. The double tapered roller bearing has a triple-lip seal that runs on a hardened, polished surface and is protected by a heavy steel washer to avoid damage from wire and trash. Between the washer and the seal is a cavity filled with grease – an additional sealing element against dirt.

The Quadraseal Wheel Hubs

are an exclusive ATHENS PLOW design for increased Bearing life and reduction of downtime. Our QUADRASEAL Wheel Hubs offer maximum protection from dirt and trash by combining a triple lip seal with a press fitted external trash flinger. The QUADRASEAL Bearings give added bearing life.

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ATHENS

MODEL 76/77

The Model 76/77 has been designed for faster and more uniform incorporation, better seedbeds, and less time in the field. The advanced double offset design allows you to disk at faster speeds. The 76/77 follows the contour of the field leaving a uniform level seedbed behind.

ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

MODEL 76 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	*APPROX. DBHP	APPROX. WEIGHT (lbs.)
8' 10"	24, 26, 28	8	60 - 70	2,900
10' 3"	28, 30, 32	8	70 - 80	3,200
11' 1"	34, 36	12	75 - 85	3,500
11' 8"	32	12	75 - 90	3,400
13' 1"	36	12	90 - 100	3,700
13' 5"	40, 44	12	90 - 110	3,800
14' 6"	40	12	95 - 115	3,900
15' 1"	44, 48	12	100 - 120	4,200

MODEL 77 SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISCS	NUMBER OF BEARINGS	*APPROX. DBHP	APPROX. WEIGHT (lbs.)
11' 1"	34, 36	12	75 - 90	3,850
11' 8"	32	12	75 - 95	3,825
13' 1"	36	12	90 - 100	4,125
13' 6"	40, 44	12	95 - 110	4,390
14' 5"	40	12	100 - 120	4,350
15' 1"	44, 48	12	105 - 120	4,325
15' 9"	44	12	110 - 120	4,528

***Approximate Draw Bar Horse Power is only a guide. Extremely hard, soft, hilly or boggy conditions will change these figures. D.B.H.P. in excess of the recommended will void all warranty provisions.**

STANDARD EQUIPMENT

- 1¼" Cold Rolled Square Gang Axles
- Quadraseal Ball Bearings
- Disk Blades, 22" or 24" Cutout or Smooth
- Spacing 7½", 9" or 9" Front and 7½" Rear
- Tapered Front and Rear Gangs
- Self Leveling Frame
- Reversible Tongue Clevis
- Adjustable Angle of Cut: 15° or 18°
- Split Wheel Carriages
- Wheel Hubs and Rims
- Dual Wheels on all 77's and on 76's from 14'6" to 15'1"
- Lifting Hydraulics
- Heavy Duty Tube Mounted Scrapers
- Cover Discs with Scrapers
- Gang Wrench and Tongue Jack

OPTIONAL EQUIPMENT

- Rigid or Spring Bearing Hangers

EXTRA EQUIPMENT

- Dual Wheels – on 76's, 8'10" to 13'5"

FEATURES

The MAINFRAMES of the 76/77 combine structural steel tubing and high strength angle welded and reinforced for maximum strength. Structural angle is used for the side members allowing the frame to flex so it can follow the contour of the field . . . This feature reduces the stress on the frame and lengthens the life of the components.

The TONGUE is designed like a narrow "A" frame permitting shorter turns in the field. It is fitted with a balanced reversible clevis to accommodate a variety of drawbars.

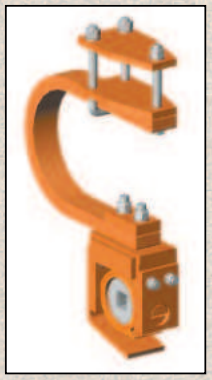
GANG FRAMES are constructed from 3" x 5" heavy wall structural steel tubing.

DISC GANGS start with an axle made from 1¼" cold rolled square steel. The spacers are arbor machined to keep the gang components in perfect alignment. Tapered gangs front and rear reduce furrows and ridges leaving a smooth seedbed even at faster speeds. Spacing is available in 7½", 9", or a combination of 9" front and 7½" rear.

TWO STAGE LEVELING keeps the frame level in the field and in transport. After hitching the clevis to the tractor, the turnbuckle adjusts the tongue position to level the disk frame in transport. In the field, a leveling screw that connects the tongue to the wheel carriages is adjusted for field conditions and discing speed desired. After initial adjustment, the frame remains level while being lifted and lowered. A TURNBUCKLE connects the wheel carriages for precise side-to-side leveling.

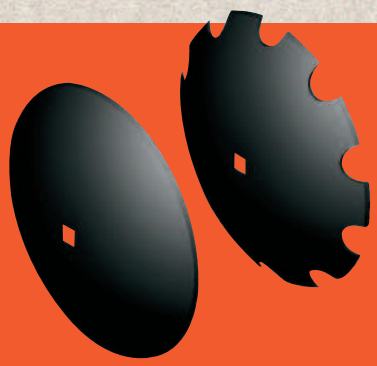
The Rigid Bearing Hanger

features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.



The Spring Bearing Hanger

provides maximum strength without sacrificing flexibility. It also features a **Wear Plate** which protects the front and bottom of the Bearing Housing.

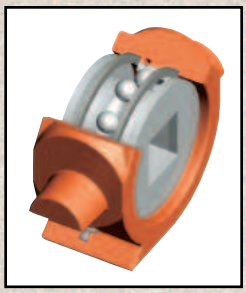


Disc Blades

Available in 22 and 24 inch sizes. Athens Plow offers tailored solutions to meet your discing needs.

Smooth blades are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

Cutout blades are more aggressive and trap residue better than smooth blades.



Quadraseal Ball Bearings

Strong relube QUADRASEAL ball bearings on the Model 76/77 mean long life and less downtime.

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STANDARD EQUIPMENT

Model 116/119: Square Blades

- Double Tapered Roller Bearings
- Disc Blades, 24" Square
- Rigid Bearing Hangers with Wear Plates (116)
- Spring Bearing Hangers with Wear Plates (119)
- 1 1/4" Cold Rolled Square Gang Axle
- Spacing, 9"
- Single Tapered Disc on Front
- Double Tapered Discs on Rear
- Adjustable Cutting Angle, 15° or 19°
- Cover Discs with Scrapers
- Six Lug Wheel Hubs and Rims
- Self Leveling Frame
- Lifting and Folding Hydraulics
- Reversible Tongue Clevis
- Gang Wrench and Tongue Jack

Model 116: Cutout & Smooth

- Quadraseal Ball Bearings
- Rigid Bearing Hangers with Wear Guards
- Disc Blades, 22" or 24" Smooth or Cutout
- 1 1/4" Cold Rolled Square Gang Axle
- Spacing, 71/2", 9", or 9" Front and 7 1/2" Rear
- Single Tapered Disc on Front
- Double Tapered Discs on Rear
- Adjustable Cutting Angle, 15° or 19°
- Cover Discs with Scrapers
- Six Lug Wheel Hubs and Rims
- Self Leveling Frame
- Lifting and Folding Hydraulics
- Reversible Tongue Clevis
- Gang Wrench and Tongue Jack

Model 119: Cutout & Smooth

- Double Tapered Roller Bearings
- Spring Bearing Hangers with Wear Plates
- Disc Blades, 22" Smooth or Cutout
- 1 1/4" Cold Rolled Square Gang Axle
- Spacing, 9"
- Single Tapered Disc on Front
- Double Tapered Discs on Rear
- Adjustable Cutting Angle, 15° or 19°
- Cover Discs with Scrapers
- Six Lug Wheel Hubs and Rims
- Self Leveling Frame
- Lifting and Folding Hydraulics
- Reversible Tongue Clevis
- Gang Wrench and Tongue Jack

SQUARE BLADE MODEL 116/119

NARROW MAIN FRAME

MODEL NUMBER	WIDTH OF CUT	*NUMBER OF DISCS	APPROX. WT. (lbs.)	TRANSPORT WIDTH	TRANSPORT HEIGHT	NUMBER OF BEARINGS	**APPROX. DBHP
116 ONLY	16' 8"	46	7,775	11' 6"	8' 8"	18	150
116/119	19' 4"	54	8,225	11' 6"	10' 3"	18	175
116/119	22'	58	8,605	11' 6"	11' 6"	18	200
116/119	23' 4"	62	9,087	11' 6"	12' 6"	22	210
WIDE MAIN FRAME							
116/119	26'	70	10,796	13'	12' 6"	24	225
116/119	28' 8"	78	11,309	13'	14'	24	265

* Includes Cover Discs
** Approximate DBHP is only given as a guide. Extremely hard, soft, hilly or boggy conditions will change these figures.

MODELS 116/119: Cutout and Smooth Blades

NARROW MAIN FRAME

WIDTH OF CUT	*NUMBER OF DISCS	APPROX. WEIGHT (lbs.)	TRANSPORT WIDTH	TRANSPORT HEIGHT	NUMBER OF BEARINGS	**APPROX. DBHP
16' 8"	44, 48, 52	7,390	11' 4"	8' 8"	16	120
19' 6"	52, 56, 60	7,790	11' 4"	10' 3"	16	140-150
21' 5"	56, 62, 68	8,047	11' 4"	11' 6"	16	150-160
22' 9"	60, 66, 72	8,711	11' 4"	12' 6"	20	165
25' 5"	68, 74, 80	9,234	11' 4"	14'	20	180
WIDE MAIN FRAME						
26'	70*	9,806	13'	12' 6"	24	225
28' 8"	78*	10,278	13'	14'	24	265

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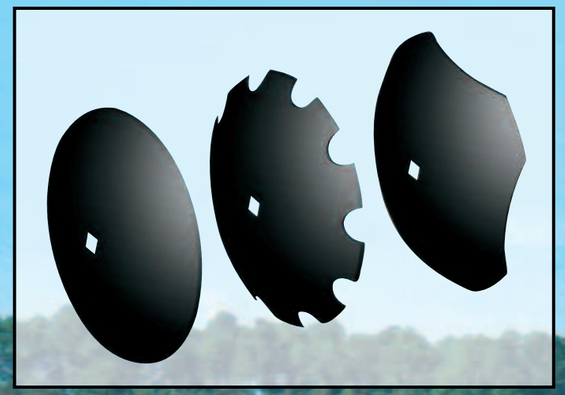
ATHENS MODELS 116 / 119



Athens...
Tailoring Solutions to Meet Your Needs

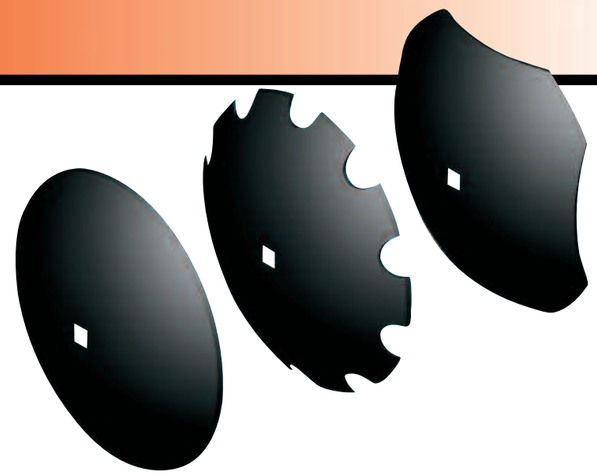
ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

ATHENS PLOW COMPANY

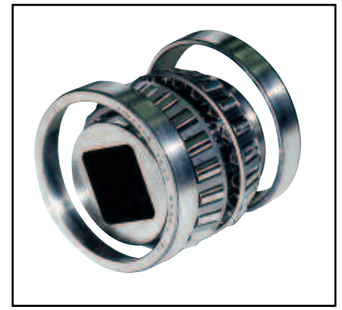
ATHENS MODEL 116

ATHENS MODEL 119



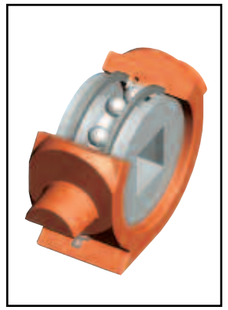
The Quadraseal Wheel Hubs

are an exclusive ATHENS PLOW design for increased Bearing life and reduction of downtime. Our QUADRASEAL Wheel Hubs offer maximum protection from dirt and trash by combining a triple lip seal with a press fitted external trash flinger. The QUADRASEAL Bearings give added bearing life.



The Quadraseal Double Tapered Roller Bearings

provide the most capacity in the industry. With this added capacity, the probability of overloading is virtually eliminated. The double tapered roller bearing has a triple-lip seal that runs on a hardened, polished surface and is protected by a heavy steel washer to avoid damage from wire and trash. Between the washer and the seal is a cavity filled with grease – an additional sealing element against dirt.



Quadraseal Ball Bearings

Strong relube QUADRASEAL ball bearings on the 116 cutout or smooth disc blades mean long life and less downtime.

Narrow Transport

The Wings on the Athens 116/119 hinge from the Main Frame, resulting in narrower transport width and better flotation. The folding width is 11' 6" (on 16' 8" – 23' 4" models) and 13' (on the 26' and 29' models).

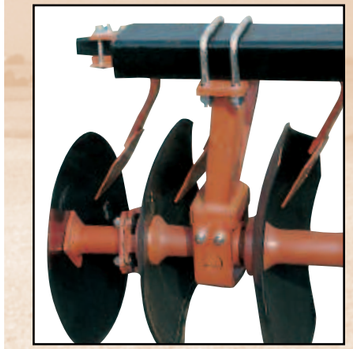
Disc Blades

Available in 22 and 24 inch sizes. Athens Plow offers tailored solutions to meet your disking needs.

Smooth blades are best utilized in normal field conditions. They are more economical, wear longer, weigh more than cutout blades, and cut crop residue evenly.

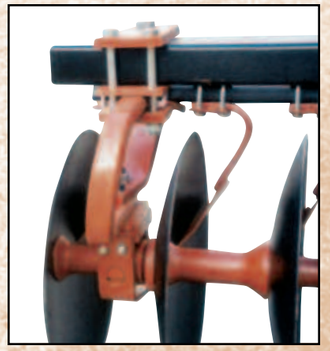
Cutout blades are more aggressive and trap residue better than smooth blades.

Square blades are offset 45° from one another. This staggered arrangement allows the total weight of the disk harrow to be distributed on every other blade, resulting in considerably more pounds per square inch and, therefore, better penetration.



The Rigid Bearing Hanger

on the 116 features a **Wear Plate** that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.



The Spring Bearing Hanger

on the 119 provides maximum strength without sacrificing flexibility. It also features a **Wear Plate** which protects the front and bottom of the Bearing Housing.

ATHENS
MODEL 127/167

127
167

ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

The Athens Model 127 and 167 Offset Disk Harrows have the features, sizes, and weights to handle nearly any disking job on the farm. They can easily plow through stalks and stubble, prepare seedbeds, or incorporate chemicals. The Model 127 and 167 make operation a breeze with standard equipment like hydraulic leveling. These offsets are durable and dependable, making Athens the best choice for finishing or primary tillage.

www.athensplowcompany.com

STANDARD EQUIPMENT

- Extra Disc on Right Rear
- Cover Disc with Scraper
- Reversible, Balanced Clevis
- 1½" Cold Rolled Square Steel Axles with Wrench
- Heavy Duty Tongue with Jack
- Complete Hydraulics - Lifting and Leveling
- Heavy Duty Scrapers
- Adjustable Angle of Cut
- Rigid Bearing Hangers with either Trunion Mounted Ball Bearings or Relube Quadraseal Tapered Roller Bearings

OPTIONAL EQUIPMENT

- Manual Leveling
- Spring Bearing Hangers w/Quadraseal Tapered Roller Bearings

EXTRA EQUIPMENT

- Dual Wheels

MODEL 127/167 SPECIFICATIONS

MODEL 127 9½" Disk Spacing Narrow Frame with 15"x6½" Five-lug Wheels				MODEL 167 10½" Disk Spacing Narrow Frame with 15"x6½" Five-lug Wheels			
WIDTH OF CUT	NO. OF DISCS	APPROX. WEIGHT*	APPROX. DBHP**	WIDTH OF CUT	NO. OF DISCS	APPROX. WEIGHT*	APPROX. DBHP**
6' 6"	17	2714	60 - 75	7' 1"	17	3115	65 - 85
7' 3"	19	2883	65 - 75	8' 0"	19	3297	75 - 100
8' 0"	21	3055	70 - 90	8' 9"	21	3485	80 - 100
8' 9"	23	3296	70 - 90				
Wide frame with 15" x 8", six-lug wheels				Wide frame with 15" x 8", six-lug wheels			
9' 6"	25	3459	75 - 100	9' 7"	23	4185	85 - 115
11' 0"	29	4347	90 - 120	10' 5"	25	4388	95 - 125
12' 6"	33	4870	100 - 140	12' 1"	29	4843	100 - 140

*Approximate weights include Quadraseal double row disk gang bearings, hydraulics complete, four 15" x 8", six-lug wheels, tapered discs, and reversible clevis.

**Maximum Recommended DBHP. Approximate DBHP is only a guide. Extremely hard, soft, hilly, or boggy conditions will change these figures. DBHP in excess of the maximum recommended will void all provisions.

The Rigid Bearing Hanger on the 127/167 features a Wear Plate that bolts onto the front-side of the Bearing Hanger adding extra protection to the front and bottom of the Bearing Housing.

The Spring Bearing Hanger on the 127/167 provides maximum strength without sacrificing flexibility. It also features a Wear Plate which protects the front and bottom of the Bearing Housing.

The Quadraseal Double Tapered Roller Bearings provide the most capacity in the industry. With this added capacity, the probability of overloading is virtually eliminated. The double tapered roller bearing has a triple-lip seal that runs on a hardened, polished surface and is protected by a heavy steel washer to avoid damage from wire and trash. Between the washer and the seal is a cavity filled with grease – an additional sealing element against dirt.

FEATURES

The 127 Offset Disk is available in 6' 6" to to 12' 6" cutting widths with 9½" spacing and 24" x ¼" Cut-out or Smooth Discs.

The 167 Offset Disk is available in 7' 1" to 12' 1" widths with 10½" spacing, 26" x ¼" Cut-out or Smooth Discs.

Hydraulic Leveling from the tractor seat provides positive control for front-to-rear leveling in varying conditions.

Adjustable Angle of Cut. Angle of cut can be quickly and easily adjusted for more aggressive cutting and mixing action. Front gangs adjust from 16 degrees to 25 degrees. Rear gangs from 19 to 28 degrees.

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ATHENS

MODEL 137-187

OFFSET DISKS

These ATHENS 137 and 187 Offset Disks are designed and built to do things that Offset Disk Harrows don't usually do. They TRAIL STRAIGHT without any side draft and finish smoothly going **around** the field. They will plow up and down rows, or diagonally ACROSS ROWS—leaving uniformly leveled soil across the entire width of cut. There will be no outside furrows to interfere with planting, harvesting, or irrigation.

These units are built so one person can easily hitch up by himself to the reversible, balanced swivel tongue Clevis using the tongue jack.

The ATHENS 137 and 187 Offsets are built to last LONGER. They are manufactured using heavy steel tubes which have a 300% built in Safety Margin against twisting, bending, and breakage. To assure you of unsurpassed performance, long life, and trouble free service, the 137 and 187 were put through a tough field testing program—under severe conditions, not just by our engineers, but by farmers like you and under **your** conditions.

ATHENS PLOW COMPANY, INC.
P.O. BOX 609
ATHENS, TENNESSEE 37371-0609

WE PLOW THE EARTH

137-187 OFFSET DISK HARROWS

SPECIFICATIONS

137 OFFSET DISK
1-½'' Square axle, 9-½'' Disk spacing and 24'' x ¼'' smooth or cutout disks

Width of Cut	No. of Disk	* Approx Weight	DBHP** (Maximum Recommended)	No. of Bearings
12' 6''	33	5367	90-135**	8
14' 0''	37	5734	100-165**	9
15' 6''	41	6373	110-170**	12
17' 0''	45	6734	120-185**	12
18' 6''	49	7076	130-200**	12

187 OFFSET DISK
1-½'' Square axle, 10-½'' Disk spacing, and 26'' x ¼'' smooth or cutout Disks

Width of Cut	No. of Disks	* Approx. Weight	DBHP** (Maximum Recommended)	No. of Bearings
12' 1''	29	5693	95-145**	8
13' 9''	33	6373	105-165**	12
15' 5''	37	7031	125-185**	12
17' 1''	41	7365	140-200**	13

* Approximate weights include QUADRASEAL double row Disk gang Bearings, Hydraulics complete, Four 15 x 8, six lug wheels, Tapered Disks, and reversible Clevis.

** Maximum Recommended DBHP. Approximate DBHP is only a guide. Extremely hard, soft, hilly, or boggy conditions will change these figures. DBHP in excess of the maximum recommended will void all warranty provisions.

STANDARD EQUIPMENT:

- Cover disk w/scraper
- Reversible, balanced clevis
- 1½'' cold rolled square steel axles w/wrench
- Dual 15'' 6 lug Wheels with QUADRASEAL hubs
- Heavy duty Scrapers
- Complete hydraulics, lifting and leveling
- Tapered Disk on right rear
- Adjustable angle of cut
- Rigid bearing hangers with either trunion mounted ball bearings or Relube QUADRASEAL tapered roller bearings
- Dual Wheels

OPTIONAL EQUIPMENT:

- Manual leveling
- Spring Bearing hangers w/QUADRASEAL tapered roller bearings

FEATURES

These brawny offsets are tough enough to chew up just about anything that gets in their way—heavy stalk, pasture sods, or easy to plow soils. And they're versatile enough to handle everything from primary tillage to chemical incorporation. They can be quickly and easily adjusted for deep plowing or for smooth, shallow finishing in a matter of minutes.

ADJUSTABLE ANGLE OF CUT. Angle of cut can be quickly and easily adjusted for more aggressive cutting and mixing action. Front gangs adjust from 13° to 25°. Rear gangs, from 16° to 28°.

The **ATHENS 137** has the ideal weight and size for general purpose usage. It has the size (12' 6" — 18' 6") and weight (137 pounds per blade, average) to penetrate deep and cover a lot of ground quickly—even in hard-to-plow soils. 24" disks with 9½" spacing standard.

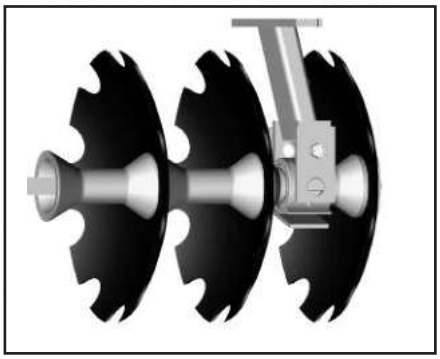
The **ATHENS 187** is nearly 27% heavier than the 137. With 12' 1" thru 17' 1" cutting width and an average 187 pounds per blade, it will handle the tougher soils and trashier conditions, and give you the kind of results you want with every pass. 26" disks with 10½" spacing standard.

HYDRAULIC LEVELING from the tractor seat provides effortless LEVEL FOR TRANSPORT and adjustment for EXACT TRAILING.

AMPLE TRASH CLEARANCE. Wide open spaces between spacer spools and gang frames, plus narrow—but strong—bearing hangers, provide plenty of trash clearance. Heavy trash passes through cleanly and is worked deep into the soil for fast decomposition.

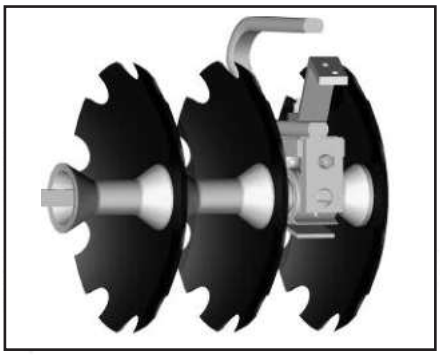
THE QUADRASEAL double-row tapered roller Bearings provide the most capacity in the industry. With this extra capacity, the probability of over-loading...even when disking at maximum angle...is virtually eliminated. The double tapered roller bearing has a triple-lip Seal that runs on a hardened, polished surface and is protected by a heavy steel Washer to avoid damage from wire and trash. Between the steel Washer and the Seal is a cavity filled with grease...an additional sealing element against dirt.

OPTIONAL DISK GANG BEARINGS:



Relube Trunion mounted ball bearings provide economy with dependability. Rigid QUADRASEAL tapered roller bearings give added capacity and increased life

Both Rigid and Spring Bearing Hangers feature a Wear Plate which protects the front and bottom of the bearing hanger.



QUADRASEAL tapered roller bearings with spring bearing hangers provide maximum flexibility in rocky and uneven land.

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ATHENS

MODEL 287 OFFSET DISK HARROW

The weight per blade ranges from (287-340) pounds per blade on the narrow frame units (8', 9', and 10'). The weight on the wide frame units (12', 14', and 16') ranges from (300-350) pounds per blade.

ATHENS
PLOW COMPANY
ATHENS, TENNESSEE

Athens Plow Company, Inc.
PO Box 609
Athens, TN 37371-0609

ATHENS PLOW COMPANY
ATHENS, TENNESSEE

MODEL 287 OFFSET DISK HARROW

STANDARD EQUIPMENT

- 2" Cold Rolled Square Steel Axle
- Complete Lifting Hydraulics
- Complete Leveling Hydraulics
- 28" or 32" Cutout Disk Blades
- Heavy Duty Relube Ball Bearings
- Dual Wheels
- 15' x 8" Lug Wheels
- Adjustable Angle of Cut (15°, 17°, 21°, and 25°)
- Tapered Rear Gang
- Reversible Clevis
- Heavy Duty Scrapers
- Cover Disk with Scraper

HYDRAULIC LEVELING *from the tractor seat provides positive control for varying conditions. A set of four strong leveling springs takes the shock out of the leveling mechanism. Whether in transport or operation, front to rear leveling is controlled at your fingertips. (wide frame shown)*

DISK BLADES *on the 287 are supported by a four inch square boss on the spacer spools rather than riding on the axle. This extra area adds strength and durability.*

DISK GANGS *use a Heavy Duty Relube Ball Bearing which is Pillow Block Mounted to provide exceptional strength and dependability. The 287 has an adjustable angle of cut which ranges from 15° to an aggressive 25°.*

TWO MAINFRAMES *are available for the ATHENS 287 to match different widths and weight. The narrow frame shown here carries the 8', 9', and 10' gangs. The 8', 9', and 10' units have an average weight of (287-340) pounds per blade.*

SPECIFICATIONS

WIDTH OF CUT	NUMBER OF DISKS	APPROXIMATE WEIGHT (lbs.)	NUMBER OF BEARINGS	**APPROXIMATE DBHP
8' 0"	17	5,750	8	120
9' 0"	19	6,165	8	135
10' 0"	21	6,505	8	150
WIDE FRAME				
12' 0"	25	8,710	8	180
14' 0"	29	9,473	8	210
16' 0"	33	10,005	12	240

*Approximate weight is given using 32" Disk Blades.

** Recommended DBHP. Approximate DBHP is only a guide. Extremely hard, soft, hilly, or boggy conditions will change this figure. Approximate DBHP recommended is 15 HP per foot of cut.

2" Square Axle, 12" Disk Spacing, and 28" x 32" Cutout Disk Blades

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ATHENS

MODEL 156

The Model 156 Chisel Plow has the quality and performance you are looking for in a chisel plow.

ATHENS PLOW COMPANY

"WE PLOW THE EARTH"

Designed for primary tilling, breaking hard pan for water filtration, plowing heavy crop stubble, or fallow plowing. Available in 3-point-lift models with plowing widths ranging from 5' to 16'. The 156 features rigid or spring mounted tines with 26" or 32" clearance. They can be equipped with a variety of ground engaging tools.

www.athensplowcompany.com

STANDARD EQUIPMENT

- Tine Size – See Optional Equipment
- Tine Spacing - 12"
- Chisel Points - 5/8"
- Clearance, Frame to Point - 26" or 32"
- 2 Bar Extension Widths - 2' or 4'
- 3 Bar Extension Widths - 2', 4', or 6'
- Hitch – Category I, II, or III

OPTIONAL EQUIPMENT

- Tines:
  1" x 2" x 26"
  1" x 2" x 32"
  1.25" x 2" x 32"
- Rigid or Spring Tine Attaching

EXTRA EQUIPMENT

- 3/8" Twisted Shovel
- 2' or 4' Extensions - 2 Bar Units
- 2', 4', or 6' Extensions - 3 Bar Units
- 15" Gauge Wheels, Adjustable
- Quick Coupler Adaptors - Category II & III

MODEL 156 SPECIFICATIONS

NUMBER OF TINES	TINE SPACING	EXTENSION WIDTHS	*APPROX WEIGHT (lbs)	**APPROX HP
2 BAR BASE				
5	12"	2' or 4'	737	50-60
7	12"	2' or 4'	1,001	70-85
11	12"	2' or 4'	1,573	110-130
3 BAR BASE				
7	12"	2', 4', or 6'	1,208	70-85
10	12"	2', 4', or 6'	1,628	100-120

*Approximate weight calculated using Spring Tine Attachment with 32" Tines and no Extensions.
**Approximate horsepower (HP) is only given as a guide. Extremely hard, soft, hilly, or boggy conditions will change these figures.

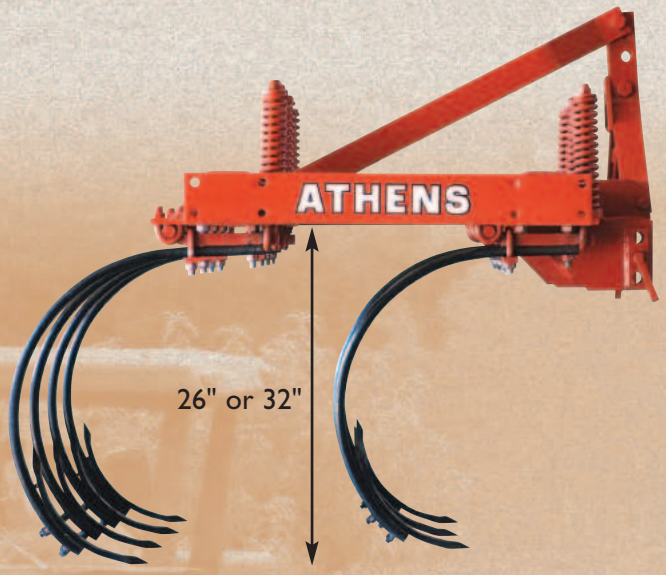
FEATURES

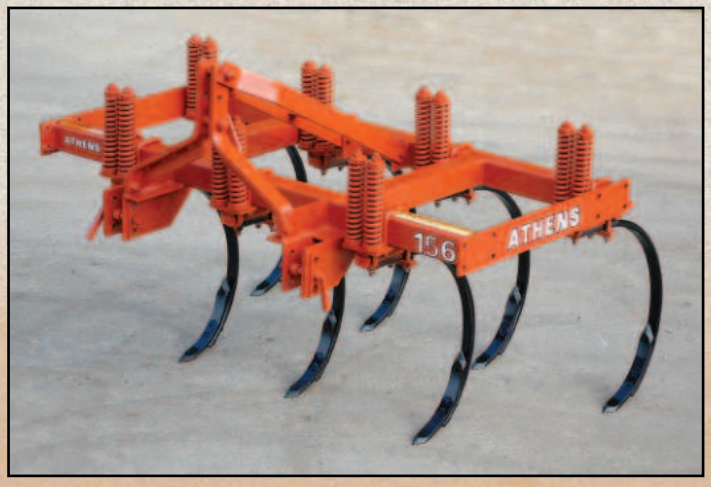
FRAME

The Heavy Duty Frame is constructed of structural 4" x 4" steel tubing welded into a unitized one-piece frame. All high stress areas are reinforced to resist bending and twisting.

TINE SPACING

Tines are mounted 24" apart on the 2 Bar units and 36" apart on the 3 Bar units. Then they are staggered from front to rear with a spacing from the center of the unit yielding a 12" pattern.





SPRING TINE PIVOT ASSEMBLIES

Spring Tine Pivot Assemblies feature dual springs made of ½" oil tempered steel for strength and durability. The spring mounts are cast with internal and external helicals that match the ends of the springs. As the spring is stressed, the load is distributed evenly out the entire length of the spring to avoid stress concentrations.

VERTICAL CLEARANCE

The Vertical Clearance between the chisel point and the bottom of the frame is 26" or 32" depending on the tine size.

THE RIGID TINE PIVOT ASSEMBLIES

Rigid Tine Pivot Assemblies are used where rocks are not a problem. Available on 5' and 7' 2-Bar units only.

Athens Plow Co., Inc. guarantees each piece of equipment against defective materials and workmanship for a period of one year from the date of delivery to the purchaser unless otherwise specified. Athens Plow Co., Inc. reserves the right to make changes and/or improvements in design and construction of parts or machines without notice or obligation.

www.athensplowcompany.com

Athens Plow Company, Inc. • PO Box 609 • Athens, TN 37371-0609

Big Jim MANUFACTURING

PRODUCT CATALOGUE

FEB 2025

www.harcoag.ca

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Big Jim Products are proudly designed and manufactured in-house for the past 20 years.

HARCOAg EQUIPMENT

5808 Highway 9
Harriston, Ontario N0G
1Z0

Ph: 519-338-2923 ● Fax: 519-338-2756

sales@harcoag.ca

FIXED FRAME PACKER

Match tillage or planting equipment with adjustable frame width ranging 9’ to 15’, and rigid frame on 3’ to 6’ and 16’ models. Big Jim Packers are available in Red, Green, Blue & Orange frame colours. They are available in a colour of your choice to match the other equipment on your farm. Big Jim wheels are designed with heavy hubs and spokes, up to 12% heavier than competitive units.
1 ¾” grade C1045 cold rolled gang shafts, greasable flangette style bearings and heavy-duty ductile iron end clamps.

Wheel Options:

- 15” Smooth/Sprocket combination, Ductile Iron suited for clay based soils.
- 18” Smooth/Sprocket combination, Ductile Iron suited for clay based soils.
- 19” Notched wheel, Ductile Iron suited for loamier soils.
- 20” Crow Foot, Ductile Iron suited for sandy soils.

Ductile wheels carry a 3-year limited warranty.

The Optional Transport Package is available in single or dual wheel versions and include:

- Complete hydraulic package with 3000 PSI Cylinders
- DOT tagged safety chain
- 5000 lb tongue jack
- 4000 lb hub assemblies
- 15” rims

Tongue Jack Safety Chain

Cylinder Lock

Shown with Dual Wheel Transport Kit

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SUPERFLEX PACKER

Flex packers are available in a 3-section configuration for widths of 21’ to 32’ (shown on left). Packers 33’ to 50’ are built on a 5-section frame (shown right). The balanced frame design minimizes tongue weight.
Each wing gang is independently suspended in the middle allowing **MAXIMUM FLEXIBILITY** on contoured ground. This feature also assures even weight distribution.

Standard Equipment:

- Complete hydraulic package – 3000 PSI Cylinders
- Forged – Adjustable Pintle/Clevis Hitch
- 7000lb drop leg tongue jack
- DOT tagged safety chains
- Tail and turn signal light package
- Dual 11L-15 8-ply tires 21-40 ft – 12 ply on 41-50ft models
- Greasable flange style bearings
- Main frame material – 6” x 6” x ¼” wall tube
- Wing material – 6” x 4” x ¼” wall tube
- Pivot pins and gang shafts 1 ¾” C.R. (C1045)

Big Jim Flex Wing packers are available with 18” Smooth / Sprocket combination Ductile, 19” notched Ductile or 20” Crowfoot Ductile Wheels. Ductile Wheels carry a 3-year limited warranty.

Available in Red, Green, Blue & Orange frame colours.

Working Width	Transport Width	Transport Height	Overall Length	Approximate Weight (lbs)		
				18”	19”	20”
21’	12’-8”	10’	212”	6624	5994	5150
22’	12’-8”	10’-6”	212”	6772	6202	5289
23’	12’-8”	11’	212”	7020	6330	5427
24’	12’-8”	11’-6”	212”	7168	6538	5565
25’	12’-8”	12’	212”	7416	6666	5703
26’	12’-8”	12’-6”	272”	7776	6874	6043
27’	12’-8”	13’	272”	8024	7002	6181
28’	14’-8”	12’-6”	272”	8172	7210	6319
29’	14’-8”	13’	272”	8420	7338	6457
30’	16’-8”	12’-6”	272”	8648	7626	6675
31’	16’-8”	13’	272”	8896	7754	6813
32’	16’-8”	13’-6”	272”	9044	7962	6951
33’	14’-8”	10’-9”	272”	9544	8564	7614
34’	14’-8”	10’-9”	272”	9692	8772	7752
35’	14’-8”	11’-3”	320”	9940	8900	7890
36’	14’-8”	11’-3”	320”	10188	9108	8028
37’	14’-8”	11’-9”	320”	10336	9236	8166
38’	14’-8”	11’-9”	320”	10584	9444	8304
39’	14’-8”	12’-3”	320”	10732	9572	8442
40’	14’-8”	12’-3”	320”	10980	9780	8580
42’	14’-8”	12’-9”	320”	11270	10040	8740
45’	16’-8”	13’-3”	392”	See Magnum Series Specs		9020
48’	16’-8”	13’-9”	392”			9470
50’	16’-8”	14’-3”	392”			9770

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Big Jim MANUFACTURING

SUPERFLEX MAGNUM SERIES PACKER

The Superflex concept has proven to be the most revolutionary design in packers for years. The independent floating design lets each section follow the contour of the soil giving more effective wheel to soil contact. The design also allows each section to independently float over obstacles such as stones without placing excessive weight on the gang causing wheel, shaft or bearing damage.

Construction of the ***"Magnum Series"*** allows us to produce 40 to 50 foot packers with 19" wheels and scrapers and still maintain sufficient capacity to incorporate heavier larger diameter wheels in the future should the demand arise.

Standard Features:

- Forged Pintle / Clevis Adjustable Hitch
- 7000lb Tongue Jack
- Grade 70 20,000 lb 3/8" DOT approved for agricultural use safety chains x 2
- Tandem 4" x 24" Inner Wing Cylinders
- Tandem 3 ½" x 24" Outer Wing Cylinders
- 2 LED Road Light Boxes
- 14/7 Heavy Jacket Wiring
- 7 Pin Aluminum Light Plug
- Reflective Tape

Options:

- 18" Ductile Smooth Sprocket Combination Wheel
- 19" Ductile Notched Wheel
- Scrapers for 19" Notched Wheels
- 20" Ductile Crowfoot Wheels

Ductile Wheels carry a 3 year limited warranty.

All plumbing neatly arranged and tied in place

Rugged 1 ¾" hinge pins, securely fastened

3 beam outerwing section w/ two cylinders, each packer gang oscillates on centre pin and plastic wear plates

Adjustable clevis hitch, safety chains, 7000 lb tongue jack, steel hydraulic lines

5 bearing main frame section, lights & reflectors standard

Rugged 4 beam main with section with two cylinders

Specifications

Transport Height	15' (50' Model)
Transport Width	16' 8" (all)
Total Weight (46' w/ 19" Wheels)	15058 lbs
Drawbar Weight (Transport Position)	1100 lbs (46' Model)
Tongue Material	7" x 5" x 3/8" Wall
Tongue Brace Material	3" x 3" x ¼" Wall
Main Frame Material	6" x 6" x 3/8" Wall
Inner Wing Front Tubes (2)	6" x 4" x 3/8" Wall
Inner Wing Rear Tubes (2)	6" x 4" x ¼" Wall
Outer Wing Tubes	6" x 4" x ¼" Wall
Wheel Gang Tubes	6" x 4" x ¼" Wall
Pivot Pins and Gang Shafts	1 ¾" C.R. (C1045)
Tires (4)	11L-15 12-Ply
Wheels (4)	6 Bolt Solid Centre
Hubs (4)	6 Bolt 5000 lb
Gang Shaft Bearings	1 ¾" NTN Triple Seal
Hydraulic Cylinders	3000 PSI (CDN Made)
Hydraulic Connections	JIC and ORB

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LAWN ROLLERS

The new Big Jim lawn roller is a natural extension of the field roller currently manufactured in Harriston, Ontario! The same ruggedness is built right in.

The roller is offered in **4**', **5**' and **6**' sizes. They are a heavy-duty design. An Extra Heavy-Duty version is available with sizes up to **8'**.

The dry weight of these rollers is serious!

	Heavy Duty	Extra Heavy Duty
4'	**606** lbs	**720** lbs
5'	**733** lbs	**857** lbs
6'	**864** lbs	**998** lbs
7'	--	**1135** lbs
8'	--	**1272** lbs

Additional weight can be achieved by filling the drum with water. This will add up to **290** lbs per foot.

The drum is made from tubular steel 30" in diameter and 3/8" thick. The end plates are 10-gauge steel with 1" bearing on the standard roller. The Extra Heavy-Duty version uses ¼" steel with 1 ¾" pillow block bearings.

The **Extra Heavy-Duty** frame is made of 2" square tubing that is 3/16" thick. It has mitered corners and surrounds the drum for added strength.
The drum is painted black, and the frame is available in a variety of colours to match your tractor.

A standard hitch clevis is used.

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SINGLE GANG DRUM ROLLERS

Single Gang Features:

- 30” Diameter x 3/8” Wall Drum
- 4” x 3” x 3/16” Wall Tongue
- 4” x 4” x ¼” Wall Main Frame
- ¼” Thick Inner End Plates
- 3/8” Thick Outer End Plates
- 1 ¾” Drum Shafts
- 1 ¾” Greasable Bearings
- Drum Scrapers
- Models from 9’-6” to 16’-6”

*Available in Red, Green, Blue & Orange Frames

Single or Dual Transport Kits Include:

- 5000 lb Tongue Jack
- Complete Hydraulic Package
- 3000 PSI Hydraulic Cylinders
- 11,000 lb Safety Chain
- Rims
- Tires Optional

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VERTICAL FOLD DRUM ROLLERS

Standard Features:

- 30” Diameter x 3/8” Wall Drum
- 3/8” Thick Inner End Plates
- ½” Thick Outer End Plates
- 2-7/16” Drum Shafts
- 2-7/17” Greaseable Ductile Pillow Block Bearings
- 6” x 6” x ¼” Wall Main Frame
- 6” x 4” x 3/8” Wall Tongue
- 6” x 4” x ¼” Wall Wing Frames
- Height Adjustable Pintle / Clevis Hitch
- 7000 lb Drop Leg Tongue Jack
- Double Safety Chains – 21000 lbs each
- Dual Wheels w/ 11L-15 8-Ply Tubed Tires
- 3000 PSI Hydraulic Cylinders
- Drum Scrapers
- Implement Safety Lights & Reflectors
- Balanced Frame Design for minimum torque weight
- Models from 20’-6” to 34’-6”

Available in Red, Green, Blue & Orange Frames

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MUNICIPAL PARK ROLLERS

Approximate Weights
(7' Model)

Roller (Dry)	1637 lbs
Light Package	20 lbs
Single Wheel Transport Kit	390 lbs
Dual Wheel Transport Kit	470 lbs

Standard Features

- 30" x 3/8" Wall Roller Tube
- ¼" Thick Roller End Plates
- 1 ¾" Roller Centre Shaft
- 1 ¾" Greaseable Bearings
- Ballast Fill and Vent Plugs
- Adjustable Drum Scraper
- 4" x 4" x ¼" Wall Main Frame
- 4" x 3" x ¼" Wall x 6' Long Tongue
- Non-adjustable Clevis Style Hitch
- Reflective Safety Tape on Outer Front and Rear Corners

Options

- 4 Lamp Stop/Turn Tail Light Package with 7-pin Round Plug (Agricultural Wire Schematic)
- Various Tire Options
- Swivel Clevis Hitch

Single or Dual Wheel Transport Kits Include:

- DOT approved 11,000 lb Safety Chain
- Tongue Jack
- Hydraulic Cylinders
- Hoses & Quick Couplers
- Cylinder Transport Locks
- 4000 lb Hubs and Spindles
- 15" x 6 Bolt Agricultural Wheels
- SMV Sign

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Sold & serviced by:

FW8800 FORESTRY WINCH

Features:

- 1 ½” Diameter Drum Shaft
- Single Nut Clutch Adjustment
- 7/16” Diameter Cable
- Upper Support on top pulley allows easier pulley swivel
- Removable front shaft support
- Single upper and lower safety shields allow quick and easy access to complete drive
- #50 Chain Drive
- Adjustable Idler Sprocket
- #4 PTO Shaft
- 3/8” Thick Blade with Chain Slots
- 8800 lb Pulling Force (at first wrap of drum)
- Upper Pulley Bearings Sealed One Side and Greaseable
- Lower Pulley has Greaseable Bushing
- Twin Storage Stands
- 40 to 80 HP Tractor Range
- Choker Chain Storage Boxes on Both Sides
- Optional Safety Screen

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LIQUID FERTILIZER APPLICATOR

Features:

- Tubular Steel Frame Construction
- Convertible Hitch Clevis
- Transverse Mounted Tank
- LED Implement Lights
- Tire-to-Tire Pump Drive
- 2” Bottom Fill Plumbing
- Rockshaft Lift System
- Safety Chain
- 12/4 x 24 Tires
- Blu-Jet® Coulters
- John Blue Piston Pump
- 300 or 500 Gallon Tank Capacity
- Knife or Stream Injection
- Fixed 60” or 90” Axles
- Adjustable Axle or 60”-90”

To build a Big Jim Liquid Fertilizer Applicator, Select One Item from Each Section:

Section 1	
Model	**Description**
BJLA00100	Base Unit

Section 2	
Model	**Description**
BJLA00105	300 Gallon Tank
BJLA00106	500 Gallon Tank

Section 3	
Model	**Description**
BJLA00102	60” Fixed Axle
BJLA00104	80” Fixed Axle
BJLA00111	90” Fixed Axle
BJLA00103	60”-90” Adjustable Axle

Section 4	
Model	**Description**
BJLA00107	5R30 Fixed Tool Bar
BJLA00110	7R30 Fixed Tool Bar
BJLA00108	5R30 Folding Tool Bar
BJLA00109	7R30 Folding Tool Bar

For Different Row Spacing Configurations contact Harco Ag

Section 5	
Model	**Description**
LA0134	Coulter / Stream Injection
LA0133	Coulter / Knife Injection

Section 6	
Model	**Description**
BJLA00101	Single Piston Pump, Drive, Plumbing
BJLA00112	Double Piston Pump, Drive, Plumbing

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MULTIPURPOSE GRAPPLE

Shown with 3 claw solid assembly

Quick Change Claw Options:

- Brush Raking or Piling
- Log lifting, Piling or Loading
- Orchard Pruning, etc.
- Round and Square Bale Grabbing
- Moving Loose Hay and Straw
- Moving Scrap Metal and Tires
- Bind and Dirt-Free Trimming and Blocking of Tree Tops

The Big Jim Multipurpose Grapple is available with Frey, Alo and Skid Steer quick attach brackets and universal pin brackets (1" diameter pin). The Grapple consists of ¾" thick x 5" deep teeth. Teeth are tied together with 1 ¾" and 1" diameter round bar and reinforced with 4" x 2" x ¼" wall tubing on back side of grapple. Teeth are spaced 12" centres to allow dirt to pass through, but still pick up branches, roots, and many other objects. Several different claw options are available to suit the customers' specific requirements.

Logs & Slabs

Bales

Scrap

Brush

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TOP SOIL SCREENER

Dimensions:

- Depth 5 foot (6′ 4″ with loading forks.)
- Height to top of screen approximately 6′ (varies with spring adjustments.)
- Width 9′ inside, approximately 9′ 7″ outside.
- Mound height of screened material approximately 4′.
- Back wall of screener is 39″
- Option: 16″ flat belt skirt on screener discharge.

Fast, convenient moving, insert loader bucket into twin forks on discharge side. Also twin loops for chain lifting at approximate balance point.

Oli vibrator 110V standard, purchaser to complete electrical wiring for their requirements and local codes. Can be operated with 110 extension cord, generator or inverter.

Vibrator frame and tension springs mounted in rubber blocks. Tension springs have six adjustments to set angle of screen and tension on the screen assembly.

Screen hinge pins mounted in rubber blocks, use of isolating rubber mounts reduces vibration loss through mainframe keeping as much vibration on the screen area as possible.

Screen with ¾″ openings has two center flat bar hold-downs and two angle iron hold-downs on each side to prevent run-off. Screenings drop into ample holding area approximately 9 feet wide x 4 feet high for easy access with buckets up to 8 feet wide.

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POST DRIVERS

Proudly Made in Canada

Features & Benefits

- The Mast tilts in and out and forward and back for post leveling on uneven ground
- The Mast travels out 16 inches and the tongue travels out 24 inches. This enables the operator to accurately place posts without moving the entire machine.
- The Mast lifts hydraulically 24 inches. This allows a fast change from 8 to 10 foot posts. This feature also allows a longer hammer stroke for starting 8 foot posts.
- The Hammer and Mast in fully raised position reaches a height of 11' 6" from the hammer to the ground.
- The BJ740-T and BJ740-T Plus model can be ordered with an *optional* round/square combination hugger. Both the round and square hugger are **made of steel**. The hugger swings out of the way for working on existing fence lines.

All Big Jim Post Drivers come with built in safety features to prevent injury in the event of a sudden hydraulic failure. All units come complete with a DOT approved safety chain on tongue.

Specifications

Model	BJ740-3PH/SS	BJ740-T	BJ740-T PLUS
Hammer Weight	740 lbs.	740 lbs.	740 lbs.
Counter Weight	N/A	979 lbs.	1,306 lbs.
Total Weight	1,697 lbs.	3,748 lbs.	4,440 lbs.
Hammer Maximum Height Lower Mount	9' 6"	9' 6"	9' 6" – 11' 6"
Hammer Maximum Height Upper Mount	11' 6"	11' 6"	11' 6" – 13' 6"
Hammer Minimum Height Lower Mount	4' 2"	4' 2"	4' 2" – 6' 2"
Hammer Minimum Height Upper Mount	6' 2"	6' 2"	6' 2" – 8' 2"
Hammer Stroke	64"	64"	64"
Overall Width	42"	96"	100"
Overall Length	48"	118"	118"
Transport Height	100"	100"	104"
Mast Tilt Forward/Backward	18°	18°	18°
Mass Tilt In/Out	12°	12°	12°
Mast Vertical Lift	N/A	N/A	24"
Mast Horizontal Travel	N/A	16"	16"
Tongue Travel	N/A	16"	24"
Tires	N/A	9.5L-15 8PR	9.5L-15 8PR
Wheels	N/A	6 Bolt Ag	6 Bolt Ag
Spindles and Hubs	N/A	5000 lb.	5000 lb.
Reservoir	N/A	15 Gallon	15 Gallon
Drive System	N/A	13HP Honda	13HP Honda
Frame	6" x 3" ¼"	6" x 3" ¼"	6" x 3" x ¼"
Max Post Hugger Diameter	8"	8"	8"

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FERTILIZER
APPLICATION EQUIPMENT

15-SERIES
LIQUID FERTILIZER APPLICATORS
MODELS 4615, 4015 AND 3015

- ELEVATE YIELDS AND PROFIT
- APPLY ON YOUR SCHEDULE
- BUDGET-FRIENDLY DESIGN

DURABLE, FIELD-PROVEN AND ECONOMICAL DESIGN.

MODEL 4615 | MODEL 4015 | MODEL 3015

The Blu-Jet® lineup of liquid fertilizer applicators can elevate your yields and profit potential with their durable construction and economical design that your budget will love! You'll be able to apply the right source of fertilizer, at the right rate, during the right time and at the right place. Models 4615, 4015 and 3015 feature a range of toolbar widths and a variety of accessories to fit different operational needs. Whether just entering the liquid sidedress market, or upgrading your operation to more capacity, there's a 15-Series liquid fertilizer applicator that's right for you.

FRAME

Three tank sizes, toolbar widths up to 62.5' and strong, 7"x7" by 3/8"-thick tubing make the 15-Series liquid fertilizer applicators a value-enhancing workhorse in the field.

Tank

- Models 4615, 4015 and 3015 feature tank capacities of 1,775, 1,400 and 1,025 gallons, respectively.
  - Models 4615 and 4015 feature a cone bottom tank design with cleanout sump, which centers the weight over the axle for increased stability and enhanced cleanout.
  - Model 3015 features an elliptical tank for a low-profile design and is mounted perpendicular to the hitch for increased stability.
- Models 4615 and 4015 feature a 3" and model 3015 features a 2" easy-access bottom quick-fill.
- Tank volume indicator with ball float permits checking the fill level easily from the tractor cab.
- Conveniently located 9-gallon clean water wash tank and storage box combination for quick and easy access.

Toolbar

- Model 4615 features toolbar widths from 62.5' to 37.5' on 30", 20", 18" or 15" spacing, depending on size.
- Model 4015 features toolbar widths from 57.5' to 27.5' on 30", 22", 20", 18" or 15" spacing, depending on size.
- Model 3015 features toolbar widths from 42.5' to 27.5' on 30", 22" or 20" spacing, depending on size.
- Dual-width application for added versatility available on 62.5', 57.5', 42.5' and 37.5' models with 30" spacing.
  - 15- and 17-row 30" operate at 11-row.
  - 23- and 25-row 30" operate at 17-row.
- 7"x7" tubing on the toolbar provides added strength and wing flex ±7° to follow ground contours.
- 37.5' and larger toolbars feature gull-wing tilt for crop clearance while turning on end rows.
- Pin-adjust gauge wheels on the toolbar wings permit quick and easy height adjustment.

Undercarriage

- Short-coupled hitch-to-axle measurement.
- Gooseneck hitch design increases in-row stability and adds down pressure to the coulters for penetrating tougher soils.
- Both CAT 4 single-tang and a clevis tractor hitch are included.
- 30" axle clearance allows the operator to apply in taller crops for a longer application window.
- Transport chain, lower light bar and parking jack permit safer road transport and storage.
- Rigid axle features 120" tread width, 10-bolt hubs on models 4615 and 4015 and 8-bolt hubs on model 3015.
- Models 4615, 4015 and 3015 are standard with 380/90x46, 320/90x46 and 320/85x38 single radial tires, respectively.

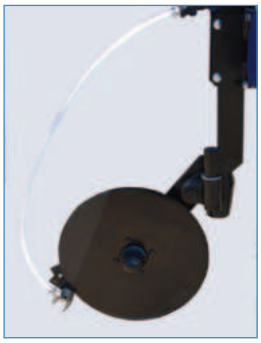
INJECTION

The plumbing and coulter systems on each 15-Series are a powerful combination that provides exceptional nutrient flow and placement.

Plumbing

- Positive contact ground-drive pump system utilizes a 155/80 R12 tire for dependable operation.
  - The NGP-7055 single piston pump provides 34.2 gallons per minute of maximum flow on 52.5' to 27.5' toolbars.
  - The NGP-9055 double piston pump provides 68.4 gallons per minute of maximum flow on 62.5' to 57.5' toolbars.
- Full-length 3/4" manifold plumbing and standard 1-section control.
  - Optional centrifugal pump with 1-, 3- or 5-section plumbing.

Coulter



- The Super 1200 coulter system features 4-bolt hubs and 20" smooth blades to slice through residue and create a slot for the fertilizer.
  - Features 1,200 lbs. of down pressure for excellent soil penetration and 30° swivel to follow ground contours.
- Standard JetStream liquid injection system features high-pressure nozzles that direct the fertilizer stream into the slot created by the coulter.
  - Injection knife is optional.

OPTIONS

Customize your Blu-Jet 15-Series liquid fertilizer applicator to suit your operation.

Plumbing Options

- For 52.5' to 27.5' toolbars, a double piston NGP-9055 positive contact ground-drive pump is available and features 68.4 gallons per minute of maximum flow for higher speed application or increased fertilizer rates.
- Ace 205 centrifugally driven hydraulic pump is available for 1-, 3- or 5-section plumbing.
  - Works with the Raven 450 or ISOBUS rate control options.

Injection

- Injection knives are available for the Super 1200 coulter and feature adjustable angle positioning to meet the needs of different soil profiles.

Narrow Transport Package

- Available on toolbars with 30" spacing.
- Reduces the transport width for easier movement from field to field.
  - Reduces the overall transport width on models 4615 and 4015 from 16' 8" to 13' 4".
  - Reduces the overall transport width on model 3015 from 16' 8" to 13' 4" or 13' 1", depending on toolbar width.

Specifications

FEATURE	MODEL AT4615	MODEL AT4015	MODEL AT3015		
Tank Capacity (U.S. gallons)	1775	1400	1025		
	25 Row 30"	15 Row 30"	15 Row 30"	13 Row 30"	11 Row 30"
Tank Style	Cone Bottom	Cone Bottom	Elliptical		
Available Toolbar Widths	62.5' to 37.5'	57.5' to 27.5'	42.5' to 27.5'		
Available Row Spacings	30", 20", 18" & 15"	30", 22", 20", 18" & 15"	30", 22" & 20"		
Transport Width (Max)	16'8" (Opt. 13'4")	16'8" (Opt. 13'4")	16'8" (Opt. 13'4")	15' (Opt. 13'1")	13'9" (Opt. 13'1")
Transport Height (Max)	13'6"	12'	12'	13'8"	11'6"
Transport Length (Max)	15'8"	15'8"			16'8"
Plumbing	3" Bottom Fill	3" Bottom Fill	2" Bottom Fill		
H.P. Requirements	10-15 per foot all models				
Wing Flex	± 7°				
Dual-Width Application	15- & 17-Row 30" operate at 11-Row 23- & 25-Row 30" operate at 17-Row				
Gull Wing Tilt					
Mainframe Wheels and Tires	Single 380/90x46 Radial Tires	Single 320/90x46 Radial Tires	Single 320/85x38 Radial Tires		
Empty Weight (Appx. lbs.)	13,600	9,000	7,820	6,695	6,190
Tongue Weight (Appx. lbs.)	4,000	2,500	2,500	1,625	1,550

Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit unverferth.com/patents.

Visit your nearest Blu-Jet fertilizer equipment dealer today for complete details about the 15-Series Liquid Fertilizer Applicators, or check our website at www.blujetequip.com.

Unverferth Manufacturing Company, Inc.

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BJ150251200M4

BLU-JET by Unverferth

TILLAGE
EQUIPMENT

SUBTILLER® II AND 4
IN-LINE DEEP-TILLAGE RIPPERS

- SHATTER HARDPAN
- INCREASE YIELDS
- RETAIN RESIDUE

SOLVE COMPACTION WITHOUT BREAKING THE BANK.

Since the first SubTiller® model was introduced in the early 1980s, the Blu-Jet name has become synonymous with solving deep compaction issues while maintaining residue and the top soil structure. The SubTiller ripper fractures compaction up to 18" deep and across a 30" row with lower disturbance at the surface. This alleviates compaction for increased yield, leaves residue intact for increased moisture retention and maintains your topsoil structure for decreased erosion. Between the economical SubTiller II and the heavy-duty SubTiller 4 in-line rippers, you won't find a better year-round conservation tool to increase yields and maintain soil health on your farm.

FRAME

Find the right model SubTiller in-line ripper to match your operation's needs. Select the strength and economy of the reliable SubTiller II in-line ripper, or upgrade to a larger, heavy-duty design for high-acreage use with the SubTiller 4 in-line ripper. All SubTiller subsoiler frames are powder-coated a durable Blu-Jet blue for a long-lasting finish.

SubTiller II

- Double 4"x6" frame constructed of 1/2" tubing.
- 32" of under-frame clearance provides generous residue flow.
- Frame widths are available to accommodate 3-, 5- or 7-shank sizes on 30" or 38" spacing.
- Rigid frame features a CAT 2 or 3 three-point hitch.
- Tool-free pin-adjust gauge wheels with 20.5x8-10 tires increase stability and permit easy depth adjustment.
- Standard transport lights and reflective markings ensure safer road travel.

SubTiller 4

- Double 7"x7" frame constructed of 3/8" tubing.
- Industry-leading 39" of under-frame clearance for maximum residue flow.
- Frame widths are available to accommodate 3-, 5-, 7-, 9- or 11-shank sizes on 30" or 38" spacing.
- Frames are available in a rigid or folding design with a 3-point or pull-type hitch depending on size.
  - 3- and 5-shank models are available with a rigid frame and 3-point hitch.
  - 7- and 9-shank models are available with a rigid or folding frame and 3-point or pull-type hitch.
  - 11-shank model is available with a folding frame and a pull-type hitch.
- Tool-free, swing-adjust gauge wheels with 20.5x8-10 tires for added stability and quick depth adjustment.
- CAT 2 or 3 three-point hitch, standard transport lights and reflective markings ensure safer road travel.

Coulters both models

- The lead Super 1200 coulter system slices through residue to create a path for the shank.
  - Includes 20" fluted blades with 4-bolt hubs.
  - Features 1,200 lbs. of down force and 30° of swivel.

SHANKS

Through countless hours of testing and research, Blu-Jet SubTiller shanks were designed at the optimal thickness and angle to fracture deep compaction with minimal soil surface disruption.

All Models

- Shanks are 1 1/4" wide by 6" deep by 44" tall and are made of high-carbon steel for long-term use.
  - Penetrate from 14" to 18" deep and fracture all the way across a 30" row with limited surface disturbance.
  - Recommended horsepower requirements are 30–50 HP per shank, depending on soil type.
- Heat-treated, reversible vertical wear guard and 3" wide CADI (carbidic austempered ductile iron) fall point for longevity.
- Soil probe is included with all models to help determine the hardpan depth.

SubTiller 4

- Available with 2 different trip mechanisms.
  - The auto-reset spring tension mechanism features 3,000 lbs. of trip force to be used in tighter soils with rocks.

AUTO-RESET SHANKS

- Shear-bolt trip mechanism features 9,000 lbs. of shear pressure and can be used in lighter, rock-free soils.

SubTiller II

- Available with a shear-bolt trip mechanism that features 9,000 lbs. of shear pressure and can be used in lighter, rock-free soils.

SHEAR-BOLT SHANKS

PULL-TYPE SUBTILLER 4

BLU-JET by Unverferth

OPTIONS

Customize your Blu-Jet SubTiller in-line ripper to work for your operation and soil type.

Both Models

- Rolling basket attachment with 12"- or 24"-wide basket.
- 2" wide CADI summer point for reduced soil disturbance under the surface.
- Pull-type conversion kits hook to the 3-point hitch and feature a CAT 3 or CAT 4 hitch and single or dual tires depending on size.
  - Available on 5-, 7-shank models (SubTiller II).
  - Available on 5-, 7- and 9-shank models (SubTiller 4).

SubTiller 4

- Rolling basket attachment with 12" or 24" wide basket for enhanced field finishing.
  - Available for 5-shank sizes.
- StalkSizer coulter kit doubles the number of lead coulters and run at 15" or 10" spacing for added residue sizing.
  - Available on 5-, 7- and 9-shank sizes.

Specifications

FEATURE	SUBTILLER II	SUBTILLER 4
Number of Shanks	7, 5, or 3	11, 9, 7, 5, or 3
H.P. Requirements	30–50 per shank	
Spacing(s)	30" or 38" 5-Shank	
Trip Mechanism	Shear Bolt	Auto-Reset or Shear Bolt
Frame Style	Rigid	Rigid or Folding (varies by size)
Frame Tubing	4"x6" with 1/2" Thickness	7"x7" with 3/8" Thickness
Underframe Clearance	32"	39"
Gauge Wheels	Pin-Adjust	Swing-Adjust
Hitch Style	3-Point	3-Point or Pull-Type (varies by size)

Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit unverferth.com/patents.

Visit your nearest Blu-Jet tillage dealer today for complete details about the SubTiller in-line deep-tillage rippers, or check our website at www.blujetequip.com.

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BLU-JET by Unverferth

TILLAGE
EQUIPMENT

TRACKMASTER II AND TRENCHMASTER

FOR PIVOT IRRIGATION AND DRAINAGE TILE TRACKS

- EFFECTIVE TRACK REPAIR
- VERSATILE DESIGN
- TIME-TESTED PERFORMANCE

PROVEN IN THE FIELD WITH MORE THAN 25 YEARS OF EXPERIENCE.

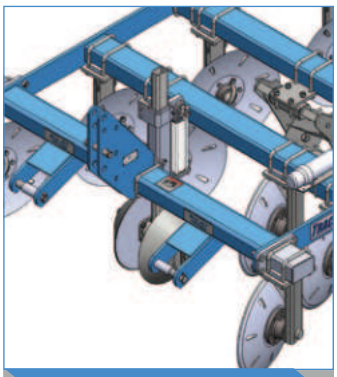
Versatile, long-lasting and easy to use. For over two decades, the Blu-Jet® TrackMaster II and TrenchMaster track closers have helped farmers increase efficiency by using lower horsepower tractors to quickly and easily fill tire pivot tracks and other trenches. The heavy-duty frame with adjustable-width discs and a variety of options make these Blu-Jet track and trench closers some of the most effective and widely used options on the market.

TrackMaster II

Features

- Eliminate tire tracks left behind by center pivot irrigation systems in one-pass and leave a smooth field finish with the quick and convenient TrackMaster II track closer from Blu-Jet.
- 3-bar frame features 4" x 6" tubing for durability and a CAT 2/3 three-point hitch for quick hookup.
  - The V-pattern of the 6 concave discs provides superior track filling and optimizes residue flow.
- 22" concave discs feature self-cleaning tear-drop cutouts for reduced soil buildup.
  - The V-pattern of the 6 concave discs provides superior track filling and optimize residue flow.
  - The discs are mounted on heavy-duty 6-bolt hubs for worry-free operation.
- Choose from a manual-adjust or center-mounted hydraulically controlled guide cone to keep the implement on track with minimal input from the operator.
- Frame and discs feature a powder-coated finish for added durability and a long-lasting appearance.

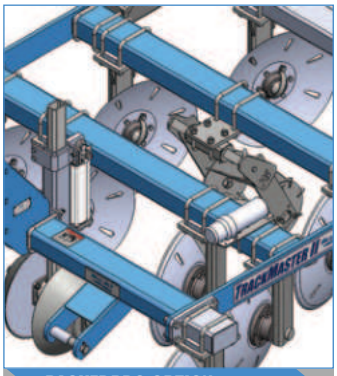
TEARDROP CUTOUTS



GUIDE CONE

Options

- Leveling and finishing options include:
  - Rear-mounted LevelPro with large-diameter self-cleaning coil roller leaves a smoother soil profile.
  - The PackerPro includes 2 additional inner concave discs with a firming rolling basket in the center of the unit for enhanced track firming.
- 4-bar conversion kit for the TrackMaster II extends the working width to 72" by adding an additional pair of concave discs to the rear bar.



PACKERPRO OPTION

TrenchMaster

Features

- When you're looking for an efficient way to level soil left behind by tiling and other trenching equipment, look to the Blu-Jet TrenchMaster to get the job done.
- 4-bar frame features 4" x 6" tubing for maximum durability and a CAT 2/3 three-point hitch for quick hookup.
  - 90" working width is ideal for closing and finishing drainage tile and other trenches.
- 22" concave discs feature self-cleaning tear-drop cutouts for reduced soil buildup.
  - The V-pattern of the 8 concave discs provide superior trench filling and optimize residue flow.
  - The discs are mounted on heavy-duty 6-bolt hubs for worry-free operation.
- Frame and discs feature a powder-coated finish for added durability and a long-lasting appearance.

4 ROWS OF DISCS

OPTIONAL GUIDE CONE

Options

- Choose from a manual-adjust or hydraulically controlled guide cone to keep the implement on track with minimal input from the operator.
- Leveling and finishing option inludes a rear-mounted LevelPro with large-diameter coil roller that leaves a smooth soil profile.
- Additional disc gangs are available with 3, 2 or 1 pair of inner discs for additional tillage and leveling action.

LEVELPRO OPTION

OPTIONAL LEVELPRO

LEVEL JUST WHERE NEEDED

BLU-JET by Unverferth

Specifications

FEATURE	TRACKMASTER II	TRENCHMASTER
Working Width	60"	90"
Transport Width	6' 2"	10' 9"
Overall Length	5' 10"	7' 6"
Approximate H.P.	40–50	50–70
Frame	3-Bar	4-Bar
Number of Discs	6	8
Guide Cone	Standard	Optional
PackerPro Option	YES	—
Hitch Style	CAT 2 & 3	
Approximate Weight (lbs.)	1075	1430
Approximate with Guide Cone (lbs.)	1180	1885
Level Pro Weight (lbs.)	300	

Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit unverferth.com/patents.

TRENCHMASTER

TRACKMASTER II

TIME-TESTED DESIGN

Visit your nearest Blu-Jet tillage equipment dealer today for complete details about the TrenchMaster and TrackMaster II track closers, or check our website at www.blujetequip.com.

Unverferth Manufacturing Company, Inc.

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BLU-JET by Unverferth

FERTILIZER
APPLICATION EQUIPMENT

AT6020
ANHYDROUS AMMONIA
FERTILIZER APPLICATOR

- ROBUST DESIGN
- WIDER WORKING WIDTHS
- EFFICIENT NH3 APPLICATION

AN ANHYDROUS AMMONIA APPLICATOR BUILT FOR HIGH-RATE, HIGH-ACREAGE USE.

The Blu-Jet® AT6020 pull-type NH3 applicator is ideal for professional producers and commercial applicators that require high-acreage coverage and high-rate nutrient application. With a robust frame and toolbar design, working widths from 62.5’ to 45’ and innovative options that allow you to tailor the AT6020 to your needs, you’ll be sure to get the job done during the narrow application window.

FRAME

The AT6020 NH3 pull-type applicator is built to last and utilizes commercial-grade, heavy-duty components that can handle the roughest terrain, higher application speeds and tough soils with ease.

Toolbar

- Available in 62.5', 60', 57.5', 47.5' and 45' working widths on 30" or 20" spacings, depending on model.
- Heavy-duty 6"x6" mainframe features a constant level design to maintain even depth and precise nutrient application over uneven terrain.
- Toolbar features 54” of rank and 23” of clearance when operating at a 7” working depth for superior trash flow.
- Wing flex from 15° up and 9° down on the primary wings and 6° up and 9° down on the secondary wings to closely follow ground contours.
- Single-point, manual-adjust depth control with turnbuckle located at the tongue for quick and convenient adjustment.

Undercarriage

- Standard dual 385/65 R22.5 oscillating truck tires on the mainframe:
  - Optional dual 320/95 R38 R-1 new tractor tires available on the mainframe for greater flotation.
- 295/75 R22.5 truck tires on the inner gauge wheels and 20.5-8x10 tires on the outer gauge wheels.
- Included water tank and storage compartment combination for quick access to clean water and operator’s manual.
- Transport chain, lighting kit and storage jack for safer transport and parking.

INJECTION

The industry-leading injection row unit on the Blu-Jet AT6020 applicator ensures accurate placement of your valuable fertilizer, while the heavy-duty construction permits high-speed, high-acreage use.

Coulters

- The lead Super 1200 coulters feature 4-bolt hubs and 20" fluted blades to clear a path for the shank and slice through residue:
  - Coulters feature 1,200 lbs. of downforce and 30° of swivel.
- 1 1/4" edgebent spring-cushioned shanks (SCS) feature twin-spring mounts for reliable and consistent working depth.
- Standard 3/4" wide knives feature a 3/8" tube for applying anhydrous ammonia.
  - Other knives, including wider width and freezeless styles, are optional.

Sealers

- Trailing DiscCover sealers feature two 17" notched blades that are angle-adjustable to fill the shank path and seal in the nutrients.
  - Disc sealer arms operate independently from each other for continuous soil contact.
  - 17" of overall travel and 9" of vertical travel from working depth allows the sealers to climb over obstacles.
  - Flat-face, zero-maintenance hub with a 6-bolt design and sealed bearing for long life.
  - Optional down pressure springs can be added for tough soils.

DISTRIBUTION

The NH3 plumbing and distribution system, innovative nurse tank hitch and SuperShooter III connection design optimizes nutrient flow while permitting worry-free operation and hookup.

Controls & Plumbing

- 50-gallon-per-minute Raven Vortex cooler with 1.5" single fast valve.
  - High-volume PWM cooler pump increases the Raven Vortex output to 80 gallons per minute.
  - Also available with single or dual 46-gallon-per-minute Continental coolers.
  - Optional dual 1.5" valves are required when utilizing a Raven 450 rate controller.
- 2-section plumbing with John Blue Impellicones and Raven shutoff valves for precise fertilizer control.
  - 3-, 4- and 5-section plumbing available for increased application versatility.
  - To meet individual preferences, Continental A360 manifolds are also available.
- Raven ISOBUS rate controller allows the operator to utilize the virtual terminal monitor in the tractor cab.
  - Vapor sensor ensures that NH3 stays in a liquid state for consistent nutrient application.
  - Pressure transducer allows the operator to monitor the systems overall pressure.

Nurse Tank Connection

- Tool-free adjustable rear nurse tank hitch features a 25,000 lb. capacity and a telescoping design for easy nurse tank hookup.
  - This unique design allows the operator to telescope the tongue in so when the operator pulls away it automatically locks. No need to back the applicator up to lock the hitch and then pull away.
- Single SuperShooter III nurse tank connection with 1.25" plumbing features a splash guard and quick disconnect for safe and easy operation.
  - Double 1.25" SuperShooter III is optional for tending two nurse tanks.
  - 1.5" plumbing for the SuperShooter III is optional.

BLU-JET by Unverferth

OPTIONS

Customize your AT6020 applicator to work for your operation with industry-leading options and accessories. Blu-Jet offers the widest variety of NH3 options and accessories to fit different application needs and soil types.

Undercarriage

- Dual 320/95 R38 R-1 tractor tires on the mainframe in lieu of the standard truck tires.
- 385/65 R22.5 inner gauge wheels in lieu of the 295/75 R22.5 gauge wheels.

Injection

- MaxPac shank mounts provide added trip pressure and ensure accurate depth in heavy soil types with rocks.
  - 790 lbs. of trip force and 10" of vertical travel from working depth.

Additional

- Dual nurse tank hitch add-on kit makes a total of three hitches and allows the operator to pull two NH3 tanks in field and one during road transport.
- Options for 18- and 24-row models with 30" spacing and MaxPac shank mounts include:
  - Floating row cleaners with adjustable down pressure for clearing residue.
  - 12.75" diameter rolling basket attachment with rubber-cushioned mounting leaves a smooth and conditioned strip.

Sealer

- The SealPro II disc sealer features greaseless 1-1/4" plated pivot shafts with self-lubricating bushings for reduced maintenance.
- 17" wavy blades in lieu of the standard notched blades on the DiscCover and SealPro II disc sealers.

Specifications

FEATURE	MODEL AT6020
HP Requirements	25 to 30 HP/Shank
Hitch	CAT 4 Pull-Type
Toolbar Widths	62.5' to 45'
Row Spacings	20" & 30"
Toolbar Rank	54"
Mainframe	6" x 6"
Mainframe Tubing Thickness	3/8"
Wing Tubing Thickness	3/8"
Primary Wing Flex	15° Up 9° Down
Secondary Wing Flex	6° Up 9° Down
Mainframe Wheels and Tires	Dual 385/65 R22.5 Tires
Wing Gauge Wheels	295/75 R22.5 Tires
Outer Wing Gauge Wheels	20.5-8x10 Tires

Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit unverferth.com/patents.

See your nearest Blu-Jet dealer today for complete details about the AT6020 Anhydrous Ammonia Fertilizer Applicator, or check our website at www.blujetequip.com.

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BLU-JET by Unverferth

FERTILIZER
APPLICATION EQUIPMENT

LEGACY ANHYDROUS AMMONIA
FERTILIZER APPLICATOR

- COVER MORE ACRES & MILES
- COMMERCIAL GRADE
- DEPENDABLE WORKHORSE

UPGRADE TO A HIGHER CLASS OF EFFICIENCY.

The Blu-Jet® Legacy pull-type NH3 applicator is ideal for commercial applicators and larger farm operations that require high-acreage, high-mileage use. With a heavy-duty frame, working widths from 52.5' to 30', row spacings of 30" or 20" and innovative application options, you'll certainly find a Legacy NH3 applicator that fits your needs.

FRAME

The Legacy NH3 pull-type applicator is a dependable workhorse that offers commercial grade features that can cover more acres and miles so you get the job done during the narrow application window.

Toolbar

- Available in 52.5', 47.5', 40', 37.5', 32.5' and 30' working widths on 30" or 20" spacings, depending on model.
- Heavy-duty 6"x6" mainframe features a constant level design to maintain even depth and precise nutrient placement over uneven terrain.
- Toolbar features 54" of rank and 23" of clearance when operating at a 7" working depth for superior residue flow.
- Wing flex from 15° up and 9° down on the primary wing to follow ground contours.
- Single-point, manual-adjust depth control with turnbuckle located at the tongue for quick and convenient adjustment.

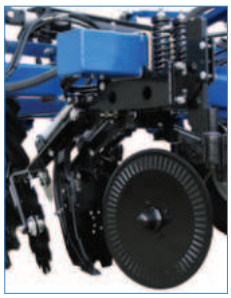
Undercarriage

- Standard dual 295/75 R22.5 oscillating truck tires on the mainframe for smooth road transport:
  - Optional single 385/85 R34 R-1 new tractor tires or dual 385/65 R22.5 truck tires available on the mainframe.
- Includes water tank and storage compartment combination for quick access to clean water and operator's manual.
- Transport chain, lighting kit and storage jack for safer transport and parking.

INJECTION

The Legacy can be customized for multiple usage applications, allowing you to integrate it into your nutrient program with ease.

Coulters



- The lead Super 1200 coulters feature 4-bolt hubs and 20" fluted blades to clear a path for the shank and slice through residue.
  - Coulters feature 1,200 lbs. of downforce and 30° of swivel.
- 1 1/4" edgebent shanks feature SCS (spring cushion shank) twin-spring mounts for reliable and consistent working depth.
- Standard 3/4" wide mole knives feature a 3/8" tube that injects anhydrous ammonia into the soil.
  - Other knives, including wider width and freezeless styles, are optional.

Sealers

- Trailing DiscCover sealers feature two 17" notched blades that are angle-adjustable to fill the shank path and seal in the nutrients.
  - Disc sealer arms operate independently from each other for continuous soil contact.
  - 17" of overall travel and 9" of vertical travel from working depth allows the sealers to climb over obstacles.
  - Flat-face, zero-maintenance hub with a 6-bolt design and sealed bearings.
  - Optional down pressure springs can be added for tough soils.

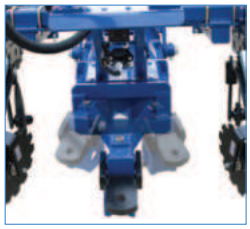
DISTRIBUTION

Optimize nutrient distribution with industry-leading plumbing and connections for enhanced operator control.

Controls & Plumbing

- 50-gallon-per-minute Raven Vortex cooler with 1.5" single fast valve.
  - High-volume PWM cooler pump increases the Raven Vortex output to 80 gallons per minute.
  - Also available with single or dual 46-gallon-per-minute Continental coolers.
  - Optional dual 1.5" valves are required when utilizing a Raven 450 rate controller.
- John Blue Impellicones and Raven shutoff valves with 1-section plumbing on 37.5' to 30' models and 2-section plumbing on 52.5' to 40' models for precise fertilizer control.
  - 2- and 3-section plumbing is available for increased application versatility.
  - To meet individual preferences, Continental A360 manifolds are also available.
- Raven ISOBUS rate controller allows the operator to utilize the virtual terminal monitor in the tractor cab.
  - Vapor sensor ensures that NH3 stays in a liquid state for consistent nutrient application.
  - Pressure transducer allows the operator to monitor the system's overall pressure.

Nurse Tank Connection



- Tool-free adjustable rear nurse tank hitch features a 25,000 lb. capacity and a telescoping design for easy nurse tank hookup:
  - This unique design allows the operator to telescope the tongue in so when the operator pulls away it automatically locks. No need to back the applicator up to lock the hitch and then pull away.
- Single SuperShooter III nurse tank connection with 1.25" plumbing features a splash guard and quick disconnect for safer and easier operation.
  - Double 1.25" SuperShooter III is optional for tending two nurse tanks.
  - 1.5" plumbing for the SuperShooter III is optional.

BLU-JET by Unverferth

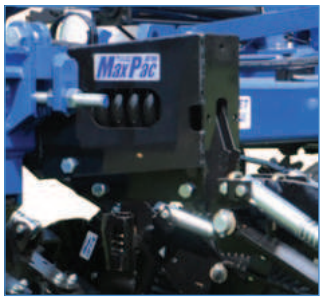
OPTIONS AND ACCESSORIES

Upgrade your Legacy NH3 applicator to work for your operation with industry-leading options and accessories. Blu-Jet offers the widest variety of NH3 options and accessories to fit different application needs and soil types.

Undercarriage

- Single 385/85 R34 R-1 tractor tires on the mainframe in-lieu of the standard truck tires.
- 385/65 R22.5 truck tires on the mainframe in lieu of the 295/75 R22.5 mainframe wheels and tires.
- 385/65 R22.5 truck tires on the wing gauge wheels in lieu of the 295/75 R22.5 wing gauge wheels and tires.

Injection



- MaxPac shank mounts provide added trip pressure and ensure accurate depth in heavy soil types with rocks.
  - 790 lbs. of trip force and 10" of vertical travel from working depth.

Additional

- Dual nurse tank hitch add-on kit makes a total of three hitches and allows the operator to pull two NH3 tanks in field and one during road transport.
- Options for 18- and 24-row models with 30" spacing and MaxPac shank mounts include:
  - Floating row cleaners with adjustable down pressure for clearing residue.
  - 12.75" diameter rolling basket attachment with rubber-cushioned mounting leaves a smooth and conditioned strip.

Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit unverferth.com/patents.

Sealer

- SealPro II disc sealer provides the same features as the DiscCover sealers and adds greaseless 1.25" plated pivot shafts with self-lubricating bushings for reduced maintenance.
- 17" wavy blades in lieu of the standard notched blades on the DiscCover and SealPro II disc sealers.

Specifications

FEATURE	MODEL AT6020
HP Requirements	25 to 30 HP/Shank
Hitch	CAT 4 Pull-Type
Toolbar Widths	52.5' to 30'
Row Spacings	20" & 30"
Toolbar Rank	54"
Mainframe	6" x 6"
Mainframe Tubing Thickness	3/8"
Wing Tubing Thickness	1/4"
Primary Wing Flex	15° Up 9° Down
Mainframe Wheels and Tires	Dual 295/75 R22.5 Tires
Optional Mainframe Tires	Single 385/85 R34 R-1 Tractor Tires
Wing Gauge Wheels	295/75 R22.5 Tires

Visit your nearest Blu-Jet fertilizer application dealer today for complete details about the Legacy Anhydrous Ammonia Fertilizer Applicator, or check our website at www.blujetequip.com.

Unverferth Manufacturing Company, Inc.

P.O. Box 357 | Kalida, OH 45853 | unverferth.com | 419.532.3121

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Additional facilities in California, Georgia, Iowa, Nebraska, North Dakota, Oregon, Texas, Ontario and Saskatchewan, Canada

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BJLEGACY0251200M4

BLU-JET by Unverferth

LANDRUNNER® II AND 3 ANHYDROUS AMMONIA

FERTILIZER APPLICATORS

- ECONOMICAL AND DURABLE
- TIME-TESTED DESIGN
- PULL-TYPE OR 3-POINT

LANDRUNNER II

ENHANCE VALUE AND REDUCE COST OF OWNERSHIP.

The Blu-Jet® LandRunner® anhydrous ammonia fertilizer applicators are available in two configurations to better accommodate your needs. Select either the **pull-type LandRunner II** or the **three-point mounted LandRunner 3** and discover why they have earned a reputation for being reliable applicators that won't break the bank.

LANDRUNNER 3

FRAME

Both the LandRunner II and LandRunner 3 models feature heavy-gauge 3/8"-thick 4"x6" mainframes for years of trouble-free use.

Toolbar LandRunner II

- Pull-type hitch with tool-free height adjustability to quickly and easily match tractor's drawbar.
- Toolbars available in 42.5', 41.25', 40.5', 37.5', 33.33', 32.5', 32', 31.25', 30' and 27.5' working widths on 30", 22" and 20" spacing, depending on size.
- 38" of toolbar rank increases residue flow for greater performance.
- Wing flex from 16° upward to 11° down on the primary wing to follow ground contours for accurate placement throughout the field.
- Includes transport lighting kit for safer road transport and parking jack for storage.

Undercarriage LandRunner II

- Standard single 12.5L-15 F-range tires on the main frame:
  - Optional walking tandem 11L-15 tires in lieu of single 12.5L-15 tires.
  - Optional oscillating dual 11L-15 tires in lieu of single 12.5L-15 tires.

Toolbar LandRunner 3

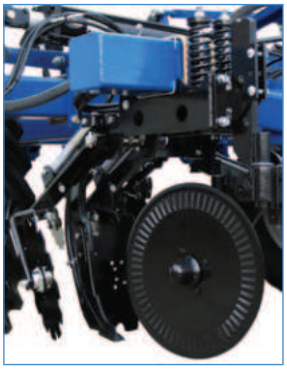
- 3-point mounting with Category 3N and 3 hitch connection.
- Toolbars available in 42.5', 37.5', 32.5' and 27.5' working widths on 30" spacing.
- 38" of toolbar rank increases residue flow for greater performance.
- Wing flex of 16° upward and 11° downward on the primary wing to follow ground contours.
- Includes lighting kit for safer transport and two parking stands for convenient storage.
- Includes water tank and storage compartment combination for quick access to clean water and operator's manual.

- Hydraulically controlled single 11L-15 gauge wheels and tires on the wings.
- Includes water tank and storage compartment combination for quick access to clean water and operator's manual.

INJECTION

Both LandRunner models feature the best combination of coulters for slicing through residue and soil along with heavy-duty shanks that place the nutrients accurately into the ground. Follow that with sealers that help fully cover the path and you have maximum results, pass after pass.

Coulters



- The lead Super 1200 coulters feature 4-bolt hubs and 20" fluted blades to clear a path for the shank and slice through residue:
  - Coulters feature 1,200 lbs. of downforce and 30° of swivel.
- 1-1/4" edgebent spring-cushioned shanks (SCS) feature twin-spring mounts for reliable and consistent working depth.
- Standard 3/4" wide knives feature a 3/8" tube that injects anhydrous ammonia into the soil.
  - Other knives, including wider and freezeless styles are optional.

Sealers

- Trailing DiscCover sealers feature two notched blades that are angled to fill and seal the slot, which prevents fertilizer loss.
  - Disc sealer arms operate independently from each other for continuous soil contact.
  - 17" of overall travel and 9" of vertical travel from working depth allow the sealers to climb over obstacles.
  - Flat-face, zero-maintenance hub with a 6-bolt design and sealed bearings.
  - Optional down pressure springs can be added for heavier soils.

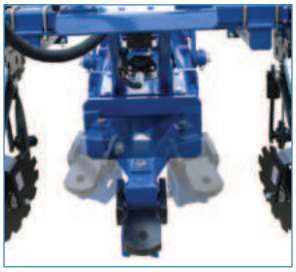
DISTRIBUTION

Optimize NH3 distribution with industry-leading plumbing and connections for enhanced operator control and nutrient placement.

Controls & Plumbing

- 1-section plumbing with John Blue Impellicone and Raven shutoff valve.
  - Optional 2-section plumbing with John Blue Impellicones or Continental A360 manifolds.
- 50-gallon-per-minute Raven Vortex cooler with 1.5" single fast valve.
- Raven ISOBUS rate controller allows the operator to utilize the virtual terminal monitor in the tractor cab.
  - Vapor sensor ensures that NH3 stays in a liquid state for consistent nutrient application.
  - Pressure transducer allows the operator to monitor the systems overall pressure.
- Optional Raven 450 rate controller with dual 1.5" valves.

Nurse Tank Connection



- Tool-free adjustable rear nurse tank hitch features a 25,000 lb. capacity and a telescoping design for easy nurse tank hookup:
  - This unique design allows the operator to telescope the tongue in so when the operator pulls away it automatically locks. No need to back the applicator up to lock the hitch and then pull away.
- Single SuperShooter III nurse tank connection with 1.25" plumbing features a splash guard and quick disconnect for safe and easy operation.

BLU-JET by Unverferth

OPTIONS AND ACCESSORIES

Customize your LandRunner applicator for the way you farm.

Undercarriage

LandRunner II

- Walking tandem 11L-15 tires on the mainframe in lieu of the single 12.5L-15 tires.
- Oscillating dual 11L-15 tires on the mainframe in lieu of the single 12.5L-15 tires.
- Single 25x7.50 pin-adjust gauge wheels and tires in lieu of the standard hydraulic gauge wheels:
  - Available on 11- and 13-row models with 30" spacing.
- Single 12.5L-15 F-range single gauge wheels and tires in lieu of the 11L-15 wheels and tires.
  - Available on 11-, 13-, 15- and 17-row models with 30" spacing.
- Walking tandem 11L-15 gauge wheels and tires in lieu of the standard single 11L-15 tires.

Injection

- Rigid shank mounts in lieu of the SCS spring shank mounts for use in lighter soils.

Visit your nearest Blu-Jet fertilizer application dealer today for complete details about the LandRunner II & 3 Anhydrous Ammonia Fertilizer Applicators, or check our website at www.blujetequip.com.

Due to continuing improvements in the design and manufacture of Unverferth products, all specifications contained herein are subject to change without notice. For relevant patent marking, please visit unverferth.com/patents.

Sealer

- SealPro II disc sealer provides the same features as the DiscCover sealers and adds greaseless 1.25" plated pivot shafts with self-lubricating bushings for reduced maintenance.
- 17" wavy blades in lieu of the standard notched blades on the DiscCover and SealPro II disc sealers.
- Coulters are angle adjustable and can be offset to meet customer preference.
- Optional down pressure springs can be added for increased soil penetration in heavier soils.

Specifications

FEATURE	MODEL LandRunner II	MODEL LandRunner 3
H.P. Requirements	25—30 per shank	
Hitch	CAT 3/CAT 4 Pull-Type	CAT 3/3N Mounted
Toolbar Widths	42.5' to 27.5'	42.5' to 30'
Row Spacings	Row Spacings	Row Spacings
Transport Height	Up to 13' 4"	Up to 13' 4"
Transport Width	16' 10"	16' 10"
Toolbar Rank	38"	54"
Mainframe	4" x 6"	6" x 6"
Mainframe Tubing Thickness	3/8"	3/8"
Wing Tubing Thickness	1/2"	1/2"
Mainframe Wheels and Tires	Single 12.5L-15 F-Range Tires	—
Optional Mainframe Tires	Walking Tandem 11L-15 Tires	—
Wing Gauge Wheels	11L-15 Tires	20.5x8-10 Tires

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COOLTOPS INC.

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www.harcoag.ca

GENERAL CATALOGUE
CATALOGUE GÉNÉRAL
GESAMTKATALOG
CATALOGO GENERALE

2025

DelMorino®

FARM & GARDEN EQUIPMENT

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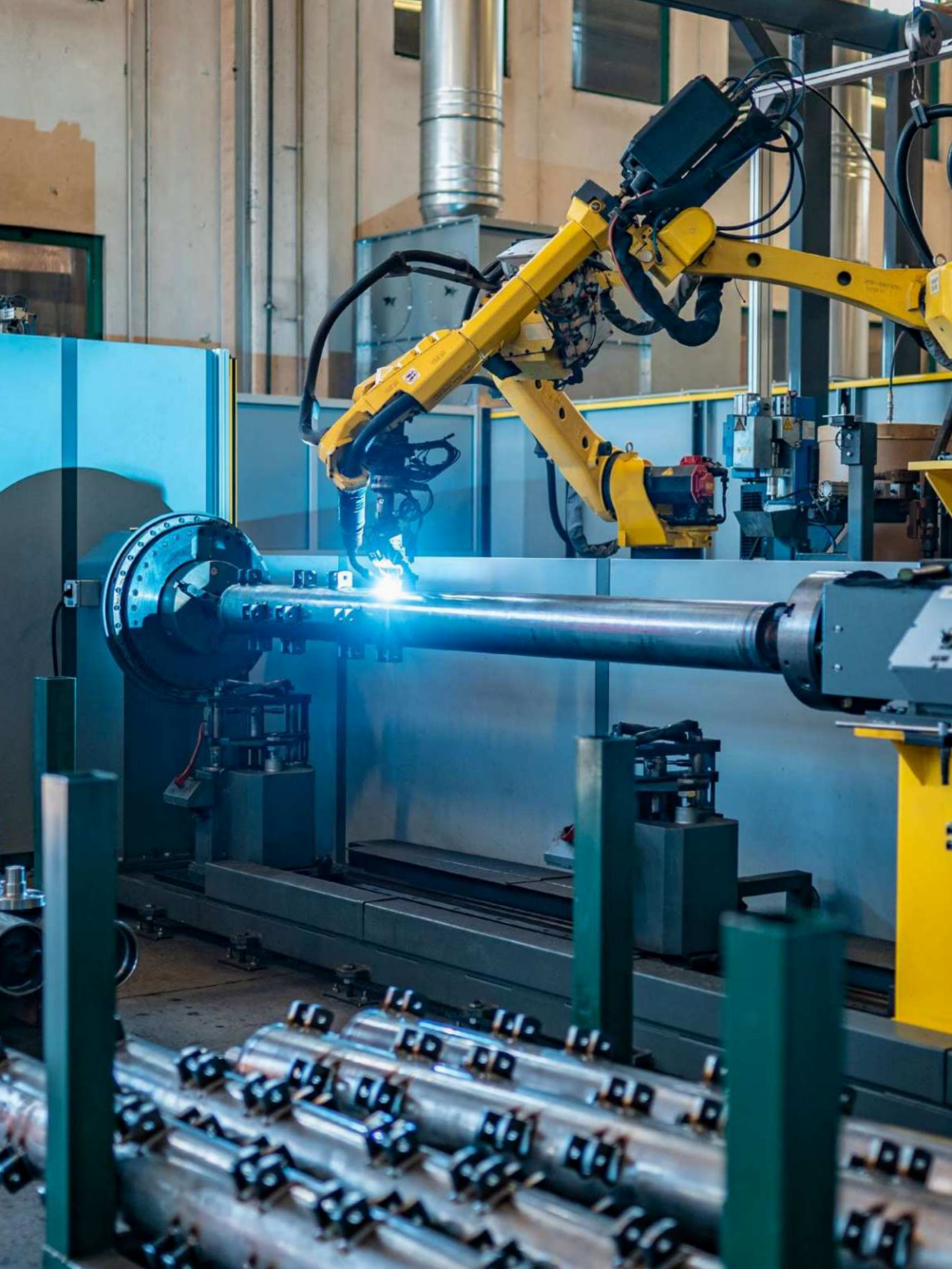


Del Morino 1875

— Del Morino —
Farm & garden equipment

Message from the President

Thank you for your interest in **Del Morino** products. I am sure that you will find our catalogues of a great value when looking for farm machinery (Rotary Tillers, Harrows, Ploughs, Tillers) for cultivation, gardening or landscaping (Rotary Slashers, Finishing mowers, Flail mowers, Chipper-Shradders), for dumping (dumper transport boxes) or for moving (Back hoes).

Del Morino S.r.l. was established in 1875 in Caprese Michelangelo, the birthplace of the famous artist and it is situated on the hills of beautiful Tuscany, destination for those who look for art, nature, tranquility and good food.

For more than 140 years, Del Morino's company has dedicated itself to supplying high quality products and supporting Italian and foreign companies which are leaders in farm and garden equipment.

In its constant research for quality, Del Morino announces that it has a new organizational structure in accordance with the guidelines of ISO 9001, that was originally designed to provide quick answers and great flexibility.

Quality through innovation is the principle of the Company: systematic evaluation of innovations and improvements that are always compatible with the environment, rewarding the company with sales that have tripled in two years, commercializing its products all around the world.

Considering these factors I confirm our desire to continue our progress with 4 fundamental points:

- To guarantee that all input from you will be considered with the utmost seriousness and commitment on our part.
- To supply products and services that meet our clients' needs, thus gaining their trust and support.
- To eliminate barriers to creativity, expressing our natural ability for quick solutions and association of ideas.
- To contribute in creating "Business Network" by developing and enlarging the vision of a total market with our collaborators who are inexhaustible source of new ideas, new solutions and new products.

Thank You for everything you will do to improve our reciprocal interest.

Daniele Del Morino
President

Message du Président

Merci de l'intérêt que vous portez à l'entreprise **Del Morino**. Je suis sûr que vous trouverez dans nos catalogues une precieuse référence quand vous chercherez les outils agricoles pour la culture (Fraises, Herses, Charrues) pour le Jardinage ou l'Entretien des tapis de gazon (Gyrobroyeurs, Tondeuses, Broyeurs), pour le « mouvement » (Bennes ou Retropelles) ou pour la récolte des pommes de terre.

La maison Del Morino fondée en 1875 à Caprese Michelangelo, village natal du célèbre artiste, se trouve parmi les collines de la belle Toscane, destination idéale pour ceux qui recherchent l'art, la nature, la tranquillité, le recueillement et la bonne cuisine.

Depuis plus de 140 ans la maison Del Morino consacre son activité à fournir des produits de haute qualité, et à soutenir, grâce à des projets de développement, plusieurs maisons italiennes et étrangères leaders dans la construction et la distribution de machines pour l'agriculture et le jardinage.

La maison Del Morino annonce d'avoir rendu effective une nouvelle structure organisatrice et compatible avec les règlements ISO 9001 originairement projetés à promptitude de réponse, grande flexibilité, constante recherche de la qualité.

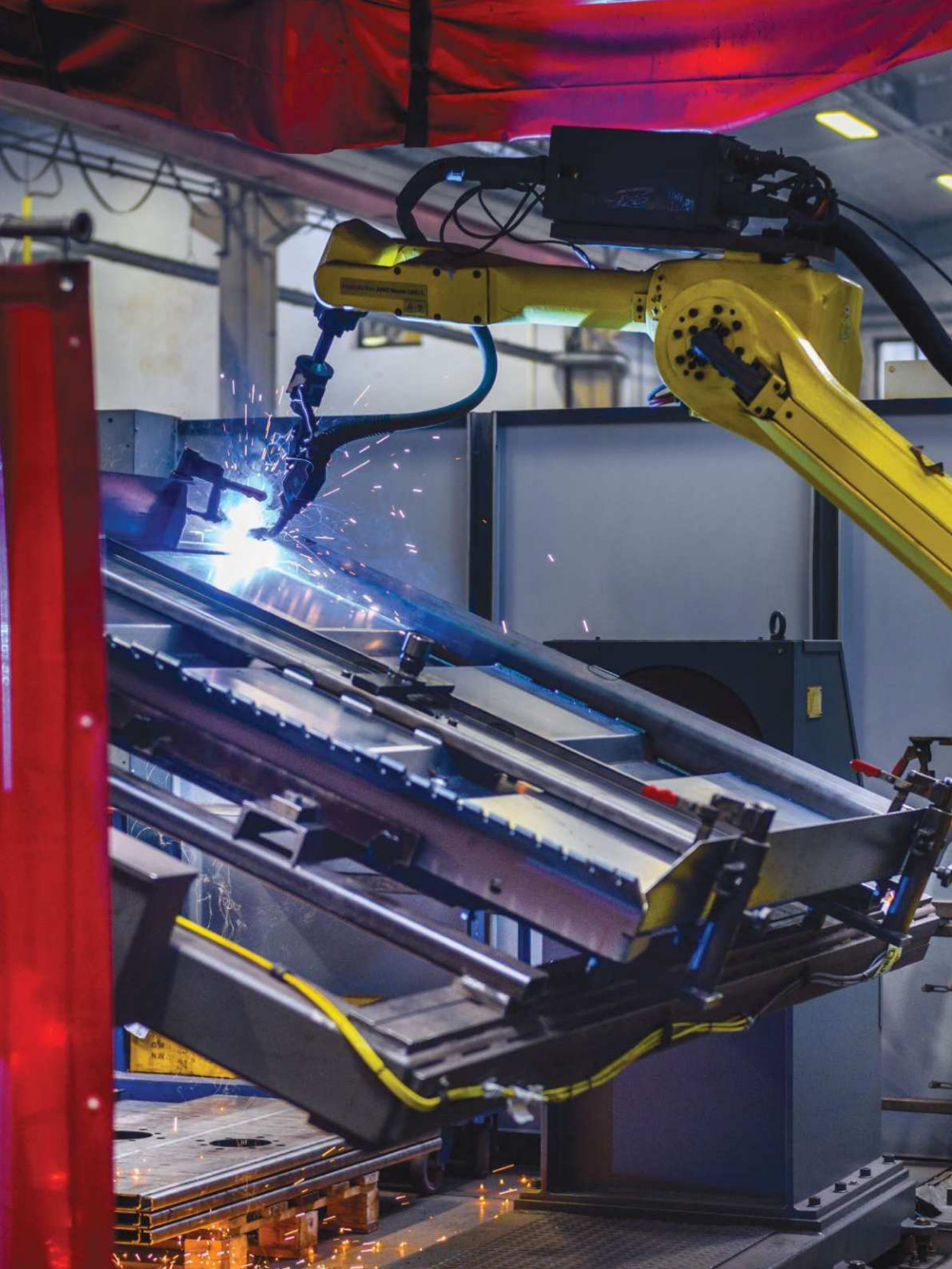
La gestion de cette entreprise est fondée sur deux principes fondamentaux: la qualité et l'innovation. L'analyse systématique des innovations et des améliorations dans le respect de l'environnement, récompense l'entreprise qui pendant les cinq dernières années a multiplié ses ventes par trois, commercialisant ses produits dans le monde entier.

Tenu compte de ces résultats, je ne peux qu'affirmer notre volonté de continuer dans cette voie au moyen de quatre engagements majeurs:

- Fournir des produits et des services qui puissent satisfaire les exigences de nos clients et gagner leur confiance et leur appui avec enthousiasme.
- Eliminer les barrières qui font obstacle à la créativité, en exprimant notre naturelle disposition aux solutions rapides et aux associations d'idées.
- Contribuer à la création de "Business Network", source inépuisable de nouvelles idées, de nouvelles solutions et de nouveaux produits en développant et étendant une vision du marché avec nos collaborateurs et nos clients.
- Garantir que chacun de Vos input soit traité avec la plus grande attention.

Je Vous remercie pour tout ce que vous ferez pour améliorer nos intérêts réciproques.

Daniele Del Morino
Président



Del Morino 1875

– Del Morino –
Farm & garden equipment

Wort des Präsidenten

Vielen Dank für Ihr Interesse an den **Del Morino** Produkten.
Ich bin sicher, dass Sie in unseren Katalogen eine wertvolle Referenz finden, wenn Sie nach Landmaschinen für den Anbau (Pflüge, Fräsen, Ackerfräsen), Gartenbau (Sichelmähwerke, Mulchgeräte, Häcksler) und Transport (Heckbagger, Transportboxen), wie auch für die Ernte (Kartoffelroder) suchen.

Del Morino S.r.l. wurde 1875 in Caprese Michelangelo gegründet, dem Geburtsort des berühmten Künstlers. Es liegt zwischen den malerischen Hügeln der schönen Toskana und ist Ziel derer, die noch auf der Suche nach großer Kunst, Natur, Ruhe und gutem Essen sind.

Seit über 140 Jahren richtet Del Morino seine Aktivitäten darauf aus, Produkte von höchster Qualität zu liefern und unterstützt durch Entwicklungsprojekte führende italienische und internationale Landwirtschafts- und Landschaftsbaumaschinen- Herstellern in der Recherche und der Realisierung von Prototypen.

Auf der ständigen Suche nach Qualität kann Del Morino heute mitteilen, eine neue Organisationsstruktur stabliert zu haben, die mit den Richtlinien von ISO 9001 kompatibel ist, welche entwickelt wurde um prompte Antworten und eine große Flexibilität zu bieten.

Qualität durch Innovation ist das Motto der Unternehmensführung; Systematische Untersuchungen der Innovationen und Verbesserungen – immer in Einklang mit der Umwelt – belohnten das Unternehmen mit einer Verdreifachung der Verkäufe innerhalb von zwei Jahren.

Unter Betrachtung dieser Faktoren kann ich bestätigen, dass unser Wille zum Fortschritt sich an diesen 4 Punkten festmacht:

- Produkte und Service anbieten, die den Bedürfnissen der Kunden entsprechen und dadurch das Vertrauen und die Unterstützung unserer Kunden gewinnen.
- Kreativitätsbarrieren aus dem Weg räumen und unserer natürlichen Veranlagung für schnelle Lösungen und gedankliche Assoziationen Ausdruck verleihen.
- Zu der Bildung eines “Business Network” beitragen, indem wir gemeinsam mit unseren Ingenieuren, welche eine unerschöpfliche Quelle neuer Ideen, neuer Lösungen und neuer Produkte sind, eine Vision und Übersicht des Gesamtmarktes entwickeln und erweitern.
- Garantieren dass jede Idee, die von Ihnen geliefert wird, von uns mit größter Sorgfalt und Engagement behandelt wird.

Ich danke Ihnen schon jetzt für all das, was Sie für die Verbesserung unserer gegenseitigen Interessen tun werden.

Daniele Del Morino
Präsident

Messaggio del Presidente

Grazie del Vostro interesse per i prodotti **Del Morino**. Sono certo che troverete nei nostri cataloghi un prezioso riferimento quando cercherete attrezzature agricole per la Coltivazione (Aratri, Frese, Tiller), per il giardinaggio e manutenzione del verde (Tagliaerba, Girotrincia, Trincia, Biotrituratori), per la Movimentazione (Retroescavatori e Cassoncini) e per la Raccolta (Scavapatate).

Del Morino S.r.l. è stata fondata nel 1875 in Caprese Michelangelo, paese natale del famoso artista, è situata tra le colline della bellissima Toscana, meta di chi ricerca ancora la grande arte, la natura, la tranquillità, il raccoglimento e la buona tavola.

Da oltre 140 anni, la Del Morino dedica la sua attività a fornire prodotti di alta qualità, a supportare nella ricerca e realizzazione di prototipi – attraverso progetti di sviluppo – aziende italiane ed estere leader nelle macchine per agricoltura e giardinaggio.

Alla costante ricerca della qualità, la Del Morino annuncia di aver reso effettiva una nuova struttura organizzativa compatibile con linee guida delle normative ISO 9001 - ISO 14000 - OSHAS 8000, originariamente proiettate a prontezza di risposta, grande flessibilità, qualità dell’ambiente e sicurezza.

La qualità attraverso l’innovazione è il principio di gestione aziendale; l’esame sistematico delle innovazioni e dei miglioramenti conseguiti sempre in compatibilità con l’ambiente, premiano l’azienda che (in due anni ha triplicato le proprie vendite) commercializzando i suoi prodotti in quaranta paesi differenti.

In considerazione di questi fattori, posso confermare la nostra volontà nel continuare il cammino alla luce di 4 punti fondamentali:

- Fornire prodotti e servizi che incontrino i bisogni dei clienti acquistando la loro fiducia e il loro supporto in modo entusiasta.
- Eliminare barriere alla creatività, esprimendo la nostra naturale attitudine a rapide soluzioni e associazioni di idee.
- Contribuire a creare “Business Network” sviluppando e ampliando una visione del mercato globale insieme ai nostri collaboratori, fonte inesauribile di nuove idee, nuove soluzioni e nuovi prodotti.
- Garantire che ogni input da Voi fornito sarà da noi considerato con massima serietà ed impegno.

VI ringrazio per tutto ciò che farete per migliorare i nostri reciproci interessi.

Daniele Del Morino
Presidente

TRUMPF
TruBend 5230
FANUC Robot R-2000iC 210L

Andrea and Daniele Del Morino

Quality – Qualité
Qualität – Qualità
UNI ISO 9001

Safety – Securité
Sicherheit – Sicurezza
OHSAS 18001

Environment – Milieu
Umwelt – Ambiente
UNI ISO 14000

Social responsability
Responsabilitè sociale
Soziale verantwortung
Responsabilita sociale
UNI ISO 26000

Company – Entreprise
Firma – Azienda

Company

In its constant search for quality, Del Morino S.r.l. confirms that in 2004 it introduced a new organizational structure in accordance with the guidelines of UNI ISO 9001:2008 standard. Moreover Del Morino S.r.l. has always fostered the regulations related to the protection of the environment and the employees by controlling the working environment and the emissions related to the production process.

Entreprise

Toujours à la recherche de l'excellence, la Del Morino S.r.l. déclare d'avoir rendu effective depuis 2004 une nouvelle structure compatible avec les réglementations UNI ISO 9001:2008. Depuis toujours, la maison Del Morino S.r.l. encourage la sauvegarde de l'environnement et des travailleurs, et s'engage au contrôle des lieux de travail, et des émissions résultant de la production.

Firma

Auf der ständigen Suche nach Qualität kann Del Morino S.r.l. mitteilen, seit 2004 eine neue Organisationsstruktur stabliert zu haben, welche die Richtlinien von UNI ISO 9001:2008 erfüllt. Darüber hinaus treibt Del Morino S.r.l. schon seit jeher die Bestimmungen zum Schutze der Umwelt und der Arbeiter voran, und müht sich um die Kontrolle des Arbeitsumfeldes und der Emissionen, die aus der Produktion hervorgehen.

Azienda

Alla costante ricerca della qualità, la Del Morino S.r.l. dichiara di aver reso effettiva dal 2004 una nuova struttura organizzativa osservando le linee guida della norma UNI ISO 9001:2008. Inoltre la Del Morino S.r.l. da sempre promuove le normative che disciplinano la tutela dell'ambiente e dei lavoratori, impegnandosi al controllo dell'ambiente di lavoro e delle emissioni derivate dalle produzioni.

Eco-sustainability – Eco-friendly
Eco-aufrechterhaltung –Ecosostenibilità

Since 2010, 8,000 square meters of photovoltaic panels have been installed, reducing CO2 emissions in the atmosphere by 2,000 tons per year. A production of approximately 1,800 kW/h makes our production activities 100% independent from external electricity needs.

La réalisation en 2010 de 8000 mètres carrés de panneaux photovoltaïques garantit une réduction des émissions jusqu'à 2000 tonnes de CO2 par an. Une production d'environ 1800 kW/h rend les activités de production 100 % indépendantes en termes de besoins d'énergie.

Die Anschaffung vom Jahr 2010 von 8.000 Quadratmetern Photovoltaikanlagen, garantieren eine CO2 Emissionen Reduzierung von 2.000 Tonnen pro Jahr. Die Produktion von 1.800 kW/h macht unsere Produktion 100% Unabhängig von externe Stromversorgung.

La realizzazione dal 2010 di 8.000 metri quadrati di pannelli fotovoltaici, garantiscono una riduzione delle emissioni in atmosfera equivalenti a 2.000 tonnellate di CO2 all'anno. Una produzione di circa 1.800 kW/h rende le attività di produzione indipendenti per il 100% da fabbisogni di energia elettrica esterna.

ISO 5001 Oriented

Energy management system aimed at using energy more efficiently and preserving resources.

ISO 5001 Orientè

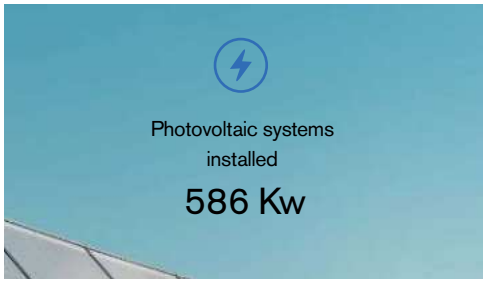
Système de certification de la gestion des ressources énergétiques orientée aux economies d'énergie.

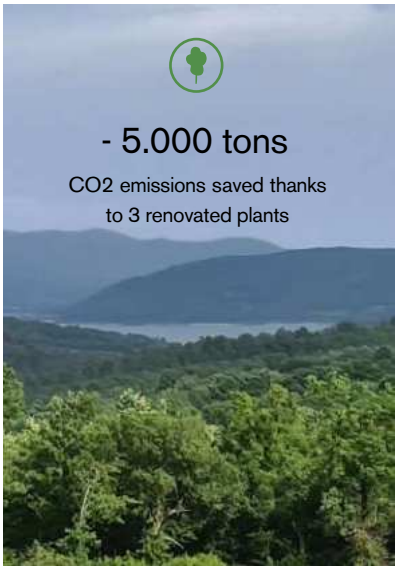
ISO 5001 Orientert

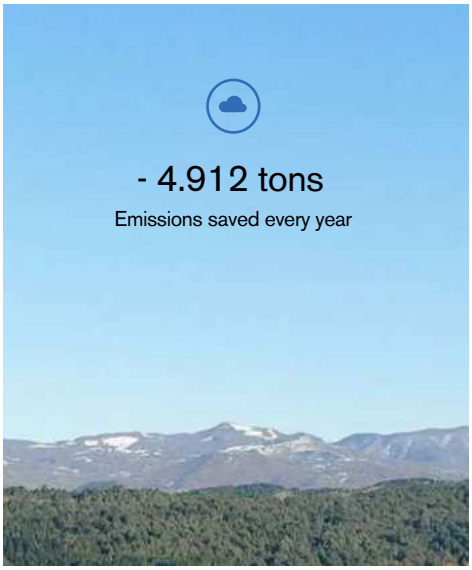
Systematischer Energiemanagement um Energie effizienter zu nutzen was auch zum Umweltschutz

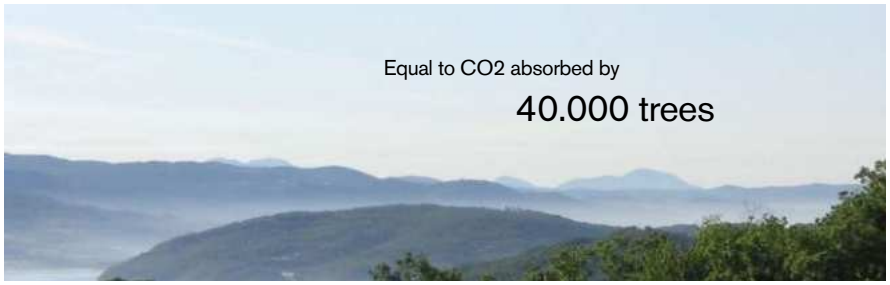
ISO 5001 Orientata

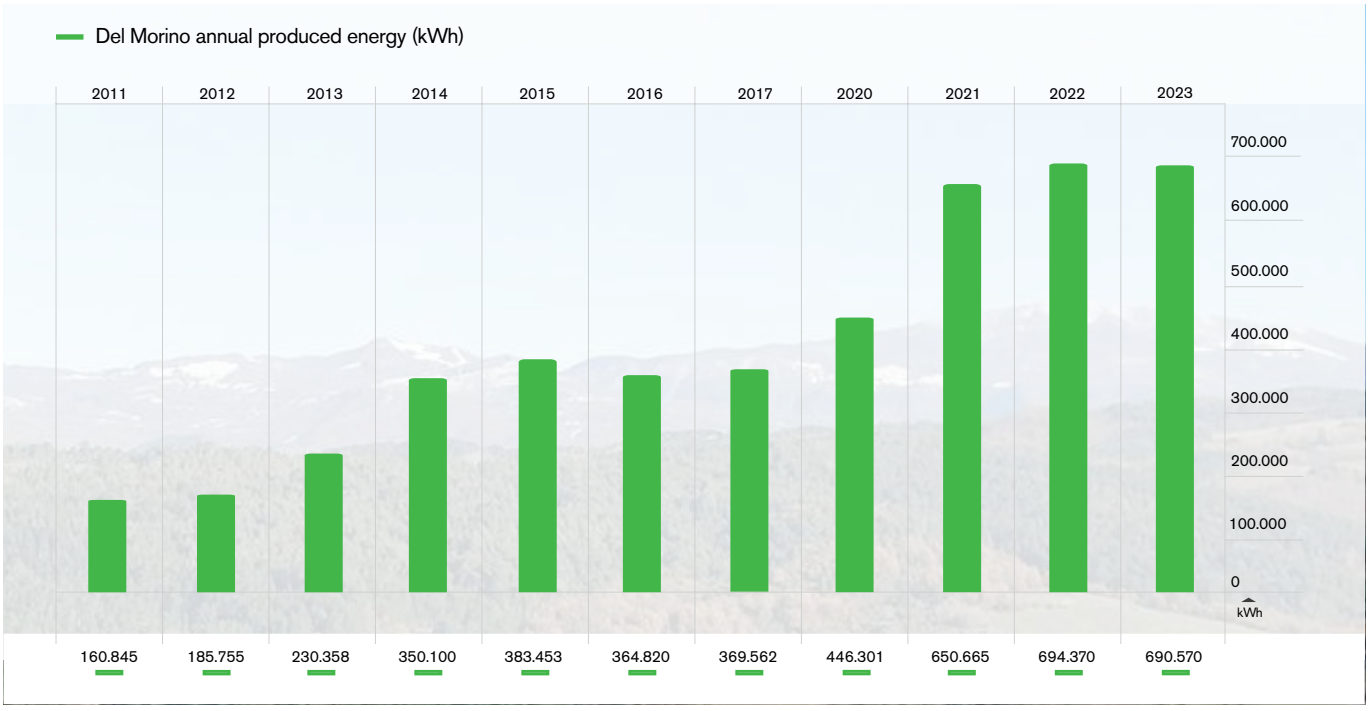
Sistema di certificazione della gestione delle risorse energetiche orientata al risparmio.

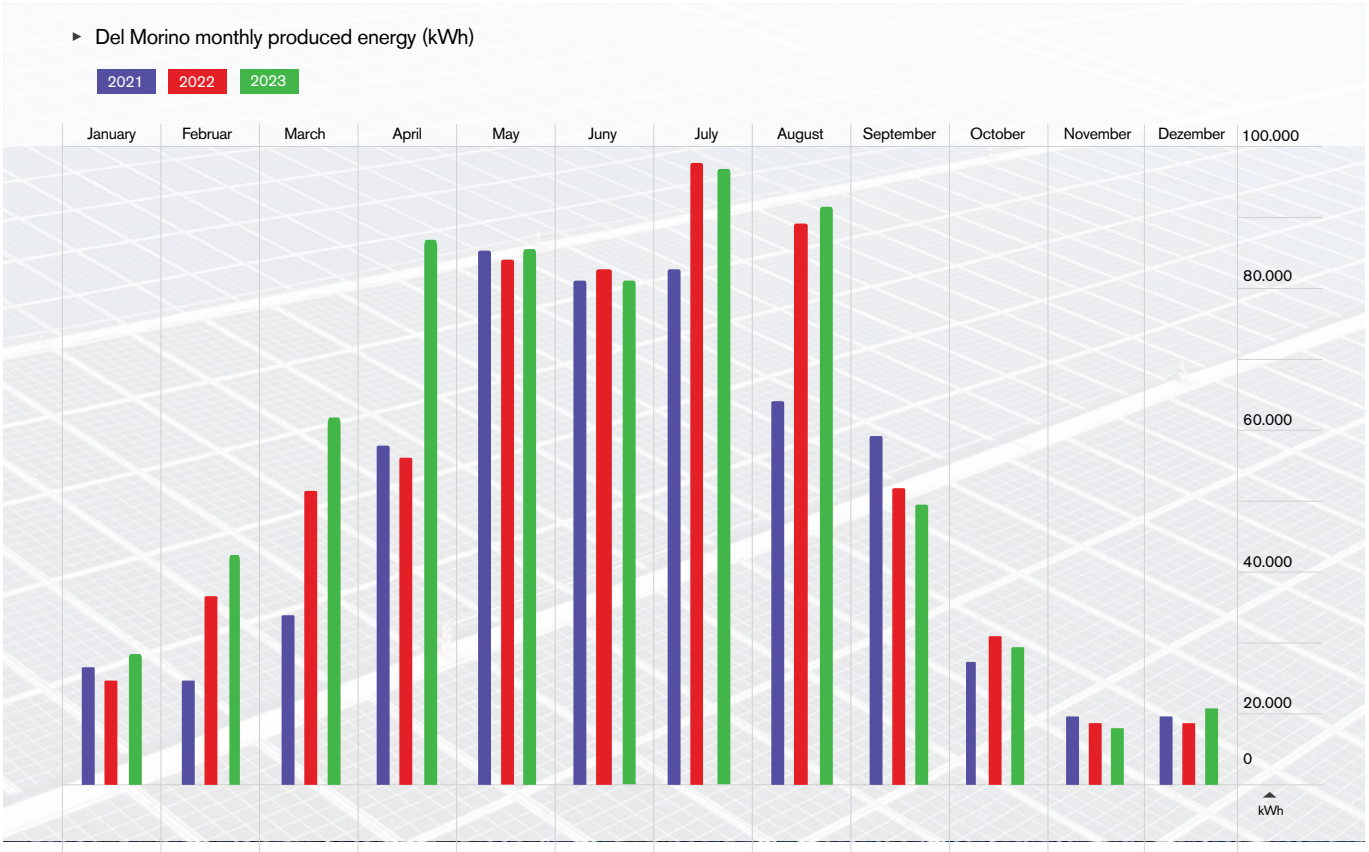









Del Morino annual produced energy (kWh)
2011
2012
2013
2014
2015
2016
2017
2020
2021
2022
2023
700.000
600.000
500.000
400.000
300.000
200.000
100.000
0
kWh
160.845
185.755
230.358
350.100
383.453
364.820
369.562
446.301
650.665
694.370
690.570


Del Morino monthly produced energy (kWh)
2021
2022
2023
January
Februar
March
April
May
Juny
July
August
September
October
November
Dezember
100.000
80.000
60.000
40.000
20.000
0
kWh

- First quality and certified materials.
- Matériaux certifiés de première qualité.
- Zertifizierte Materialen aus Erster Qualität.
- Materiali di prima qualità certificati.

- 3D Laser cutting machines of sheets and tubes.
- Machines pour découpe laser de tôlerie et tubes 3D.
- Laserschneidemaschinen für Bleche und 3D Rohre.
- Macchinari per taglio laser di lamiere e taglio tubi 3D .

- Automatic bending machines with CNC control with robotic manipulators.
- Presses plieuses hydrauliques à contrôle numérique avec manipulateurs robotisés.
- Numerisch gesteuerte Biegemaschinen mit Robot Manipulatoren.
- Piegatrici automatiche a controllo numerico con manipolatori robotizzati.

- Numerically controlled robotic bending cell.
- Cellule robotisée de pliage à commandes numériques.
- Numerisch gesteuerte Roboter-Biegezelle.
- Cella robotizzata di piegatura a controllo numerico.

- Lathe with CNC control.
- Tournures et enlèvement des coupeaux avec CNC.
- Automatik Drehbank, CNC gesteuërt.
- Torniture e lavorazioni di asportazione del truciolo con CNC.

- Automatic warehouses for pipes and ferrous materials.
- Gestion automatisée des tubes et des métaux ferreux.
- Automatische Lagern für Rohre und Eisenwerkstoffe.
- Magazzini automatici di tubi e materiali ferrosi.

- Automatic parts warehouses.
- Gestion automatisée des stocks des pièces détachées et composants mécaniques.
- Automatische Ersatzteillagern.
- Magazzini automatici di ricambi e parti meccaniche.

- Rotors are made by robotic welding process.
- Roteurs realisés avec soudure robotisée.
- Rotoren werden mit Schweissrobotor hergestellt.
- Rotori realizzati in isole di saldatura robotizzate.

- Rotating elements balanced at operating speed with issue of a certificate.
- Eléments tournant équilibrés électroniquement à la vitesse d'utilisation avec delivrance du certificat.
- Drehende Teile werden bei der Arbeitsdrehzahl mit Zertifikat ausgewuchtet.
- Elementi rotanti equilibrati alla velocità di utilizzo e rilascio di certificato.

- Lathe with CNC control.
- Tournures et enlèvement des coupeaux avec CNC.
- Automatik Drehbank, numerisch kontrolliert und gesteuert.
- Torniture e lavorazioni di asportazione del truciolo con CNC.

UNI EN ISO 14000 - OSHAS 8000

- Quality of environment in the factory in compliance with the norms.
- Qualité des lieux de travaille normalisés.
- Qualität der Arbeitsumgebung nach Normen.
- Qualità degli ambienti di lavoro normalizzati.

- Numerically controlled 5-axis milling machines.
- Machines à fraiser à 5 axes à commandes numériques.
- Numerisch gesteuerte 5-Achs-Fräsmaschinen.
- Fresatrici a 5 assi a controllo numerico.

- Automatic powder painting system, no noxious products used (lead, cadmium, etc).
- Machines robotisées pour vernissage, absence de produits nocifs (plomb, cadmium, etc).
- Automatische Pulver Lackiererei, ohne schädliche Mitteln (Blei, Kadmium, usw).
- Impianti di verniciatura robotizzati, assenza prodotti nocivi (piombo, cadmio, ecc).

- Assembly after painting, checks and tests in compliance with quality certification procedures.
- Assemblages post-vernissage, contrôles et essais selon des procédures de certification qualitative.
- Zusammenbau nach der Lackierung, Kontrollen und Prüfungen nach den Qualitätsrichtlinien.
- Assemblaggi post verniciatura, verifiche e collaudi secondo procedure di certificazione qualitativa.

- Packaging optimized to reduce plastic materials and optimize spaces.
- Optimisation des emballages pour réduire les matières plastiques et maximiser les espaces.
- Verpackung optimiert, um Kunststoffmaterialien zu reduzieren und Platz zu optimieren.
- Imballaggi ottimizzati per ridurre materiali plastici e spazi.

- Optimised loading to reduce transport costs and to simplify materials handling.
- Charges optimisés afin de réduire les coûtes de transport et améliorer la logistique.
- Optimale Ladung um Transportkosten zu reduzieren und die Lasthandhabung zu vereinfachen.
- Carichi ottimizzati per ridurre costi di trasporto e facilitare la movimentazione.

History – Histoire Kunstgeschichte – Storia

Michelangelo Museum

Caprese Michelangelo is the birthplace of the famous artist. It is situated on the hills of wonderful Tuscany.

The Michelangelo Museum is located in the fortress above Caprese Michelangelo.

In 2006 the museum added a collection of small Italian sculptures to its treasures, which were donated by Professor Enrico Guidoni. The Museum's collection of art includes sculptures and drawings of Italian artists of 1800 and early 1900.

Musee Michelangelesque

Caprese Michelangelo, village natal du célèbre artiste, se trouve parmis les collines de la belle Toscane.

Le Musée Michelangelesque est situé sur la forteresse de Caprese Michelangelo. Depuis 2006 le musée s'est enrichi d'une collection de petites sculptures italiennes offertes par le Prof. Enrico Guidoni, qui comprend sculptures et dessins d'artistes italiens de 1800 et début 1900.

Michelangelo Museum

Caprese Michelangelo ist der Geburtsort, des berühmten Künstlers. Es liegt zwischen den malerischen Hügeln der schönen Toskana.

Das Museum Michelangelo liegt auf der Festung von Caprese Michelangelo. Seit 2006 konnte das Museum eine Kollektion kleiner italienischer Skulpturen dazu gewinnen, ein Geschenk von Enrico Guidoni. Die Kollektion besteht aus Gemälden und Skulpturen italienischer Künstler aus dem 1800 und frühen 1900.

Museo Michelangiolesco

Caprese Michelangelo, paese natale del famoso artista, è situato tra le colline della bellissima Toscana.

Il Museo michelangiolesco ha sede presso la rocca di Caprese Michelangelo. Dal 2006, il museo si è arricchito di una collezione di piccole sculture italiane donata dal prof. Enrico Guidoni. La collezione comprende sculture e disegni di artisti italiani dell'Ottocento e dei primi del Novecento.

Environment – Milieu
Umwelt – Ambiente

Social responsibility & environment

Del Morino S.r.l. is becoming a driving force behind the economic development of its territory. It is a living organism within the society where it operates and is continually engaged in safeguarding and furthering the fundamental values of mankind, the environment and the family. The social responsibility of Del Morino S.r.l. extends to the entire production process and all those who are included in it: from our workers to their families and our customers.

Responsabilitè sociale & milieu

La Del Morino S.r.l. représente de plus en plus une des forces motrices du développement économique du territoire. La maison Del Morino est une structure active dans son secteur, qui s'engage à la sauvegarde et au développement des valeurs fondamentales de la Personne, du Milieu et de la famille. La responsabilité sociale de la Del Morino S.r.l. est étendue à toute la chaîne de production: aux collaborateurs, aux familles et aux clients.

Soziale verantwortung und Umwelt

Del Morino S.r.l. wird immer stärker zum Zugpferd für die ökonomische Entwicklung des eigenen Territoriums. Das Unternehmen ist ein lebender Organismus in der Gesellschaft in der es handelt und bemüht sich immerzu die fundamentalen Werte des Menschen, der Umwelt und der Familie zu schützen. Die soziale Verantwortlichkeit von Del Morino S.r.l. erstreckt sich über die gesamte Produktionskette und berücksichtigt alle: von Mitarbeitern über deren Familien bis hin zu unseren Kunden.

Responsabilità sociale & ambiente

La Del Morino S.r.l. rappresenta sempre più una forza trainante per lo sviluppo economico del proprio territorio. Essa è organismo vivo nella società in cui opera e si impegna costantemente nella salvaguardia e nello sviluppo dei valori fondamentali dell'uomo, dell'ambiente e della famiglia. La responsabilità sociale della Del Morino S.r.l. si intende estesa a tutta la catena produttiva che essa alimenta: dai collaboratori ai familiari, ai clienti.

www.capresemichelangelo.net

DelMorino
DANGER
DANGER

Fixed rotary tiller
Fraises fixes
Feste Bodenfräsen
Zappatrici fisse

Tango

12 - 30 HP

85 / 105 / 125

24 25

Flash

12 - 25 HP

85 / 96 / 105 / 125

26 27

Thunder

12 - 40 HP

85 / 105 / 125 / 145

28 29

Eagle

12 - 50 HP

85 / 105 / 125 / 145 / 165

30 31

URT HF

30 - 70 HP

168 / 186 / 204 / 222

32 33

HRA

50 - 95 HP

160 / 180 / 200 / 225 / 250

34 35

Side shift rotary tillers
Fraises déportables
Seitenverschiebbare Bodenfräsen
Zappatrici spostabili

Holiday R

15 - 40 HP

85 / 105 / 125 / 145

36 37

Holiday RS

15 - 50 HP

85 / 105 / 125 / 145

38 39

URT ED

20 - 50 HP

96 / 114 / 132 / 150 / 160

40 41

Tango

Rotary tiller
Fraise
Bodenfräse
Zappatrice

HP

12 - 30

kW

9 - 22

rpm

540

cm 15 - inch 6

ENG

Light rotary tiller suitable for low HP tractors. It is ideal for tilling small plots and gardens.
Patented.

FRA

Fraise légère conçue pour tracteurs de faible puissance. Idéale pour cultiver de petites parcelles de terrain.
Brevetée.

DEU

Leichte Bodenfräse, für Traktoren mit geringer Leistung geeignet. Ideal für die Bewirtschaftung kleinerer Grundstücke.
Patentiert.

ITA

Zappatrice leggera adatta a trattori di piccola potenza. È ideale per coltivare piccoli appezzamenti di terra.
Brevettato.

STANDARD FEATURES

- 3 POINT HITCH CATEGORY 1
- ALUMINUM GEARBOX 540 RPM
- CHAIN TRANSMISSION ASA 80 WITH ADJUSTABLE TENSIONER
- ROTOR WITH 4 HOES PER FLANGE
- ADJUSTABLE REAR COVER
- ADJUSTABLE SKIDS
- SHEAR BOLT PTO SHAFT CATEGORY 2 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1°CATÉGORIE
- BOITIER EN ALU 540 T/MIN
- TRANSMISSION PAR CHAÎNE ASA AVEC TENDEUR À RESSORT REGLABLE
- ROTOR 4 COUTEAUX PAR FLASQUE
- PANEAU ARRIÈRE RÉGLABLE
- PATINS REGLABLES
- CARDAN BOULON 2° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- 540 U/MIN ALU-GETRIEBE
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT 4 MESSER PRO FLANSCH
- VERSTELLBARER HINTERBLECH
- VERSTELLBARE KUFEN
- SCHERBOLZEN GELENKWELLE KATEGORIE 2 - 700 MM

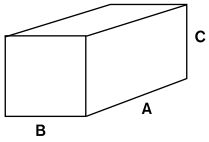
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- RIDUTTORE IN ALLUMINIO 540 G/MIN
- TRASMISSIONE CON CATENA ASA 80 CON TENDITORE A MOLLA
- DISPOSITIVO CONTRO COLTELLI DI SERIE
- ROTORE A 4 ZAPPE PER FLANGIA
- BANDELLA POSTERIORE REGOLABILE
- SLITTE REGOLABILI
- CARDANO BULLONE 2° CATEGORIA - 700 MM

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Tango 85	**12 - 20**	**85**	*34*"	**100**	*40*"	**16**	**120**	*260*	
Tango 105	**12 - 30**	**105**	*42*"	**120**	*48*"	**20**	**130**	*290*	
Tango 125	**12 - 30**	**125**	*50*"	**140**	*56*"	**24**	**140**	*308*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Tango 85	**120**	**80**	**90**
Tango 105	**140**	**80**	**90**
Tango 125	**160**	**80**	**90**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Flash

Rotary tiller & stone burier
Fraise & enfouisseuse
Bodenfräse & Bodenumkehrfräse
Zappatrice e interrasassi

HP

12 - 25

kW

10 - 20

rpm

540

cm 16 - inch 6

ENG

Since it is very easy to use this machine can satisfy the expectations of semi-professional farmers to achieve a perfect tilling of small plots of land or in the field of horticulture.

FRA

En considérant la facilité d'utilisation la FLASH est indiquée pour satisfaire les exigences des utilisateurs semi professionnels pour un parfait freisage des petites parcelles de terrains ou dans le domain de l'horticulture.

DEU

In Anbetracht ihrer Benutzerfreundlichkeit, ist FLASH besonders dafür geeignet, auch die Notwendigkeiten von Halbprofibauern zu befriedigen, und zwar zum perfekten Fräsen von kleinen Grundstücken oder vom Gartenbau.

ITA

Data la semplicità di utilizzo, è adatta a soddisfare le esigenze anche di agricoltori semi-professionisti per una perfetta fresatura di piccoli appezzamenti di terreno o nel campo della orticoltura.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1, SIDE SHIFT
- TWO COMER GEARBOXES, VERTICAL TRANSMISSION WITH SHEAR BOLT PROTECTION
- ROTOR WITH 4 HOES PER FLANGE
- ADJUSTABLE SKIDS
- UNIVERSAL PTO SHAFT FOR POSITION CATEGORY 1 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE DÉPORTABLE PAR POSITIONS À 3 POINTS 1° CATÉGORIE
- TRANSMISSION PAR ARBRE HEXAGONAL AVEC DEUX BOÎTIERS SURPOSÉS
- DISPOSITIF DE SÉCURITÉ INTÉGRÉ AVEC BOULON DE CISAILLEMENT
- ROTOR AVEC 4 COUTEAUX PAR FLASQUE
- PATINS RÉGLABLES
- CARDAN STANDARD 1° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK. ANSCHLUß KATEGORIE 1, SEITENVERSCHIEBUNG
- ZWEI COMER GETRIEBE ÜBEREINANDER
- GESCHÜTZT VON EIN SICHERHEITSBOLZEN DER GUT ERREICHBAR ZWISCHEN DEN GETRIEBEN SITZT
- ROTOR MIT 4 MESSER PRO FLANSCH
- VERSTELLBARE KUFEN
- STANDARD GELENKWELLE KATEGORIE 1 - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 1° CATEGORIA SPOSTABILE PER POSIZIONI
- TRASMISSIONE VERTICALE AD INGRANAGGI, 2 RIDUTTORI SOVRAPPOSTI
- DISPOSITIVO DI SICUREZZA INTEGRATO CON BULLONE DI TRANCIO
- ROTORE CON 4 ZAPPE PER FLANGIA AD ELICA
- SLITTE REGOLABILI
- CARDANO STANDARD 1° CATEGORIA - 700 MM

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Flash 85	**12 - 25**	**85**	*34"*	**100**	*39"*	**16**	**118**	*260*	
Flash 96	**12 - 25**	**96**	*38"*	**110**	*43"*	**20**	**128**	*282*	
Flash 105	**12 - 25**	**105**	*42"*	**120**	*47"*	**20**	**130**	*287*	
Flash 125	**12 - 25**	**125**	*50"*	**140**	*55"*	**24**	**140**	*309*	

	Cod.	OPTIONAL			€
	R	*Reverse of the rotation direction* *Reverse - inversion du sens de rotation du rotor* *Umkehrfräse - Umkehr der Rotordrehrichtung* *Reverse - inversione del senso di rotazione del rotore*			

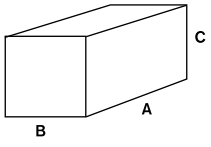
	Cod.		Type	kg	€
	KI	*Stone burier kit* *Kit Enfouisseuse* *Bodenumkehrfräse kit* *Kit interrasassi*	Flash 85	21	
			Flash 96	22	
			Flash 105	22	
			Flash 125	24	

	Cod.		Type	kg	€
	GA	*Cage roller* *Rouleau cage avec tuyaux* *Walze mit Rohren* *Rullo con tubi*	Flash 85	33	
			Flash 96	38	
			Flash 105	38	
			Flash 125	41	

	Cod.		Type	kg	€
	GR	*Wire roller* *Rouleau avec tôle grillée* *Walze mit Gitterblech* *Rullo con lamiera grigliata*	Flash 85	45	
			Flash 96	53	
			Flash 105	55	
			Flash 125	57	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Flash 65	**120**	**80**	**90**
Flash 85	**120**	**80**	**90**
Flash 96	**120**	**80**	**90**
Flash 105	**140**	**80**	**90**
Flash 125	**160**	**80**	**90**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse métallique unitaire
Einzelne Metall Palette
Cassa singola

Thunder

Rotary tiller & Reverse
Fraise & Reverse
Bodenfräse & Reverse
Zappatrice e Reverse

HP

12 - 40

kW

10 - 30

rpm

540

cm 15 - inch 6

ENG

Easy to use machine for small to medium plots. For deeper penetration of the ground the reverse configuration is recommended.

FRA

Machine simple pour un travail de qualité, même en profondeur, de petites et moyennes parcelles de terrain. Il est conseillé de configurer la version “reverse” pour une importante pénétration du terrain.

DEU

Diese Maschine ist für die Bearbeitung von kleinen und Mittleren Flächen (auch in die Tiefe) geeignet. Um tiefer in den Boden einzudringen wird die Umkehr-Ausführung empfohlen.

ITA

Macchina semplice per lavorazioni anche in profondità di piccole e medie superfici. È consigliata la configurazione Reverse per importanti penetrazioni del terreno.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- CAST IRON GEARBOX 540 RPM
- CHAIN DRIVE ASA 80 IN OIL BATH WITH AUTOMATIC TENSIONER
- ROTOR WITH 4 HOES PER FLANGE
- ADJUSTABLE SKIDS
- UNIVERSAL PTO SHAFT CATEGORY 4 - 700 MM
- “REVERSE” CONFIGURATION

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1°CATÉGORIE
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION PAR CHAÎNE ASA 80 EN BAIN D'HUILE AVEC TENDEUR AUTOMATIQUE
- ROTOR 4 COUTEAUX PAR FLASQUE
- PATINS RÉGLABLES
- CARDAN STANDARD 4° CATÉGORIE - 700 MM
- VERSION RÉVERSIBLE ROTATION CONTRAIRE

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- GUSSEISENES GETRIEBE 540 U/MIN (OHNE FREILAUF)
- KETTENANTRIEB IN ÖLBAD MIT AUTOMATISCHER KETTENSPANNER ASA 80
- ROTOR MIT 4 MESSER PRO FLANSCH
- VERSTELLBARE KUFEN
- STANDARD GELENKWELLE KATEGORIE 4 - 700 MM
- REVERSE KONFIGURATION

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 1° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN
- TRASMISSIONE A CATENA ASA 80 IN BAGNO D'OLIO CON TENDITORE AUTOMATICO
- ROTORE CON 4 ZAPPE PER FLANGIA
- SLITTE REGOLABILI
- CARDANO STANDARD 4° CATEGORIA - 700 MM
- CONFIGURABILE REVERSIBILE

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Thunder 85	**12 - 40**	**85**	*34"*	**100**	*40"*	**16**	**154**	*340*	
Thunder 105	**12 - 40**	**105**	*42"*	**120**	*48"*	**20**	**166**	*366*	
Thunder 125	**12 - 40**	**125**	*50"*	**140**	*56"*	**24**	**180**	*397*	
Thunder 145	**12 - 40**	**145**	*58"*	**160**	*64"*	**28**	**193**	*425*	

Cod.	OPTIONAL			€

R

Reverse of the rotation direction
Reverse - inversion du sens de rotation du rotor
Umkehrfräse - Umkehr der Rotordrehrichtung
Reverse - inversione del senso di rotazione del rotore

Cod.		Type	Kg	€

KI

Stone burier kit
Kit Enfouisseuse
Bodenumkehrfräse kit
Kit interrasassi

Type	Kg
Thunder 85	21
Thunder 105	22
Thunder 125	22
Thunder 145	24

Cod.				€

F

Slip clutch PTO shaft
Dispositif de sécurité à friction inclus dans le cardan
Kupplungssicherung im Kardan enthalten
Dispositivo di sicurezza a frizione incluso nel cardano

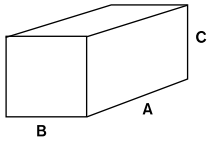
Cod.				€

B

Shear bolt PTO shaft
Dispositif de sécurité à boulon inclus dans le cardan
Sicherheitsvorrichtung mit Bruchbolzen im Kardan enthalten
Dispositivo di sicurezza con bullone di rottura incluso nel cardano

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Thunder 85	**120**	**80**	**95**
Thunder 105	**125**	**80**	**95**
Thunder 125	**145**	**80**	**95**
Thunder 145	**165**	**80**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse métallique unitaire
Einzelne Metall Palette
Cassa singola

Eagle

Fixed rotary tiller
Fraise fixe
Feste Bodenfräse
Zappatrice fissa

HP

12 - 50

kW

10 - 40

rpm

540

cm 16 - inch 6

ENG

This rotary tiller combines style, functionality and power to break up the ground. It can optionally be supplied with 6 hoes per flange for even better results.

FRA

Fraise qui conjugue fonctionnement, style et puissance dans l'emiettement de terre. Cette machine peut être configurée sur demande avec 6 couteaux par flasque pour un surprenant résultat final.

DEU

Diese Bodenfräse verbindet Stil, Zweckmässigkeit und Kraft um den Boden aufzubrechen. Wahlweise kann es mit 6 Messer pro Flansch ausgestattet werden um noch bessere Ergebnisse zu erreichen.

ITA

Fresa che coniuga funzionalità, stile e potenza nella rottura del terreno. Su richiesta può essere configurata con 6 zappe per flangia per un esito migliore.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- ONE PIECE, 4 MM STEEL FRAME
- CAST IRON GEARBOX 540 RPM
- CHAIN DRIVE ASA 80 IN OIL BATH WITH AUTOMATIC TENSIONER
- ROTOR WITH 4 HOES PER FLANGE OPTIONAL 6 HOES PER FLANGE
- SIDE SHIFT THROUGH MOVEABLE 3 POINT HITCH COUPLINGS
- ADJUSTABLE SKIDS
- UNIVERSAL PTO SHAFT CATEGORY 4 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- CHÂSSIS MONOCOQUE ÉPAISSEUR 4 MM
- BOÎTIER EN FONTE 540 T/MIN
- TRANSMISSION PAR CHAÎNE ASA 80 EN BAIN D'HUILE AVEC TENDEUR AUTOMATIQUE
- ROTOR 4 COUTEAUX PAR FLASQUE. KIT 6 COUTEAUX EN OPTION
- DÉPLACEMENT LATÉRAL POUR L'ATTELAGE AU DISPOSITIF DE RELEVAGE
- PATINS RÉGLABLES
- CARDAN STANDARD 4° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- RAHMEN AUS 4MM STAHL
- GUSSEISENES GETRIEBE 540 U/MIN
- KETTENANTRIEB ASA 80 IN ÖLBAD MIT AUTOMATISCHER KETTENSPANNER
- ROTOR MIT 4 MESSER PRO FLANSCH, 6 MESSER PRO FLANSCH ALS ZUBEHÖR
- SEITENVERSCHIEBUNG DURCH ANSCHLÜSSE AM HEBER
- VERSTELLBARE KUFEN
- STANDARD GELENKWELLE KATEGORIE 4 - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 1° CATEGORIA
- TELAIO MONOSCOCCA SPESSORE 4 MM
- RIDUTTORE IN GHISA 540 G/MIN
- TRASMISSIONE A CATENA ASA 80 IN BAGNO D'OLIO CON TENDITORE AUTOMATICO
- ROTORE CON 4 ZAPPE PER FLANGIA. KIT 6 ZAPPE IN OPZIONE
- SPOSTAMENTO LATERALE TRAMITE ATTACCHI AL SOLLEVATORE SPOSTABILI
- SLITTE REGOLABILI
- CARDANO STANDARD 4° CATEGORIA - 700 MM

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Eagle 85	**12 - 50**	**85**	*34*"	**100**	*40*"	**16**	**159**	*351*	
Eagle 105	**12 - 50**	**105**	*42*"	**120**	*48*"	**20**	**178**	*392*	
Eagle 125	**12 - 50**	**125**	*50*"	**140**	*56*"	**24**	**188**	*414*	
Eagle 145	**12 - 50**	**145**	*58*"	**160**	*64*"	**28**	**206**	*454*	
Eagle 165	**12 - 50**	**165**	*62*"	**180**	*72*"	**32**	**223**	*492*	

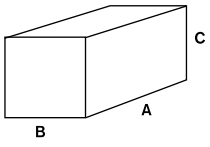
	Cod.	OPTIONAL	Type	€
	Z	*N° 6 hoes per flange* *N. 6 couteaux par chaque flasque du rotor* *Montage von 6 Messern auf jedem Rotorflansch* *Montaggio di n° 6 zappe su ogni flangia del rotore*	Eagle 85	
			Eagle 105	
			Eagle 125	
			Eagle 145	
			Eagle 165	

	Cod.		€
	F	*Slip clutch PTO shaft* *Dispositif de sécurité à friction inclus dans le cardan* *Kupplungssicherung im Kardan enthalten* *Dispositivo di sicurezza a frizione incluso nel cardano*	

	Cod.		€
	B	*Shear bolt PTO shaft* *Dispositif de sécurité à boulon inclus dans le cardan* *Sicherheitsvorrichtung mit Bruchbolzen im Kardan enthalten* *Dispositivo di sicurezza con bullone di rottura incluso nel cardano*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Eagle 85	**120**	**80**	**95**
Eagle 105	**125**	**80**	**95**
Eagle 125	**145**	**80**	**95**
Eagle 145	**165**	**80**	**95**
Eagle 165	**185**	**80**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse métallique unitaire
Einzelne Metall Palette
Cassa singola

URT HF

Fixed rotary tiller
Fraise fixe
Feste Bodenfräse
Zappatrice fissa

HP
30 - 70

kW

30 - 50

rpm

540

cm 19 - inch 8

ENG

This machine demonstrates Del Morino's experience in both the quality of construction and the final result in the field. It is suitable for the professional farmer working in open fields.

FRA

Cette machine réprésente dans sa technique constructive l'experience de la Del Morino soit dans la qualité des matériaux que dans ses résultats. Il s'agit d'une machine indiquée pour les agriculteurs professionnels et pour les travaux dans des terrains labourés.

DEU

Diese Bodenfräse zeigt die Erfahrung von Del Morino sowohl beim Konzept wie auch bei den Ergebnissen. Es ist für Profi Bauern in offenen Felder bestens geeignet.

ITA

Questa macchina rappresenta nella sua tecnica costruttiva l'esperienza della Del Morino sia nella qualità dei materiali, sia nei risultati. Questa è una macchina indicata per gli agricoltori professionali e per i lavori in campo aperto.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 2
- CAST IRON GEARBOX 540 RPM
- CHAIN DRIVE ASA 100 IN OIL BATH WITH AUTOMATIC TENSIONER
- ROTOR WITH 4 HOES PER FLANGE
- OPTIONAL WITH 6 HOES PER FLANGE
- ADJUSTABLE SKIDS
- UNIVERSAL PTO SHAFT, CATEGORY 4 - 700 MM
- FRONT REINFORCEMENT BAR

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 2°CATÉGORIE.
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION À CHAÎNE A BAIN D'HUILE ASA 100 AVEC TENDEUR AUTOMATIQUE
- ROTOR AVEC 4 COUTEAUX PAR FLASQUE
- PRÉDISPOSITION KIT 6 COUTEAUX PAR FLASQUE
- PATINS RÉGLABLES
- CARDAN STANDARD 4° CATÉGORIE - 700 MM
- RENFORT FRONTAL

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 2
- GUSSEISENES GETRIEBE 540 U/MIN
- KETTENANTRIEB IN ÖLBAD MIT AUTOMATISCHER KETTENSPANNER ASA 100
- ROTOR MIT 4 MESSER PRO FLANSCH
- 6 MESSER PRO FLANSCH ALS ZUBEHÖR
- VERSTELLBARE KUFEN
- STANDARD GELENKWELLE KATEGORIE 4 - 700 MM
- VORDER VERSTÄRKUNGSSTANGE

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 2° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN
- TRASMISSIONE A CATENA ASA 100 IN BAGNO D'OLIO CON TENDITORE AUTOMATICO
- ROTORE CON 4 ZAPPE PER FLANGIA
- PREDISPOSIZIONE KIT 6 ZAPPE PER FLANGIA
- SLITTE REGOLABILI
- CARDANO STANDARD 4° CATEGORIA - 700 MM
- BARRA DI RINFORZO FRONTALE

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
URT HF 150	**30 - 70**	**150**	*59"*	**160**	*63"*	**32**	**290**	*640*	
URT HF 168	**30 - 70**	**168**	*67"*	**180**	*72"*	**36**	**320**	*705*	
URT HF 186	**30 - 70**	**186**	*71"*	**200**	*80"*	**40**	**330**	*728*	
URT HF 204	**30 - 70**	**204**	*81"*	**220**	*88"*	**44**	**362**	*798*	
URT HF 222	**30 - 70**	**222**	*96"*	**240**	*96"*	**48**	**381**	*840*	

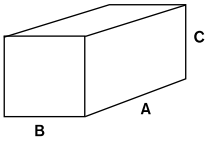
	Cod.	OPTIONAL	Type	€
	Z	*N° 6 hoes per flange* *N. 6 couteaux par chaque flasque du rotor* *Montage von 6 Messern auf jedem Rotorflansch* *Montaggio di n° 6 zappe su ogni flangia del rotore*	Urt Hf 150	
			Urt Hf 168	
			Urt Hf 186	
			Urt Hf 204	
			Urt Hf 222	

	Cod.		€
	F	*Slip clutch PTO shaft* *Dispositif de sécurité à friction inclus dans le cardan* *Kupplungssicherung im Kardan enthalten* *Dispositivo di sicurezza a frizione incluso nel cardano*	

	Cod.		€
	B	*Shear bolt PTO shaft* *Dispositif de sécurité à boulon inclus dans le cardan* *Sicherheitsvorrichtung mit Bruchbolzen im Kardan enthalten* *Dispositivo di sicurezza con bullone di rottura incluso nel cardano*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
URT HF 168	**180**	**80**	**95**
URT HF 186	**200**	**80**	**95**
URT HF 204	**220**	**80**	**95**
URT HF 222	**240**	**80**	**95**



LLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse métallique unitaire
Einzelne Metall Palette
Cassa singola

HRA

Fixed rotary tiller
Fraise fixe
Feste Bodenfräse
Zappatrice fissa

HP

50 - 95

kW

40 - 70

rpm

540

cm 23 - inch 9

ENG

This rotary tiller is suitable for heavy tilling thanks to the strength and elasticity of the components used in its construction.

FRA

Il s'agit d'une machine indiquée pour les travaux en profondeur grâce à la resistance et l'élasticité en ce qui concerne les matériaux utilisés afin d'éviter la surcharge des mécanismes et les roptures accidentelles.

DEU

Diese Bodenfräse ist durch seine starken und elastischen Bauteile für tiefe Bodenbearbeitung geeignet.

ITA

Adatta a lavorazioni profonde anche grazie alla grande resistenza ed elasticità dei materiali impiegati per evitare inconvenienti di surriscaldamento dei cinematismi e le rotture accidentali.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 2
- CAST IRON GEARBOX 540 RPM, SINGLE SPEED
- CHAIN DRIVE ASA 100 IN OIL BATH WITH AUTOMATIC TENSIONER
- ROTOR WITH 6 HOES PER FLANGE
- ADJUSTABLE SKIDS
- ADJUSTABLE LOWER ARM ATTACHMENT POINTS
- UNIVERSAL PTO SHAFT, CATEGORY 5, WITH SLIP CLUTCH - 1200 MM
- REINFORCED THREE POINT HITCH FRAME

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 2° CATÉGORIE
- BOITIER EN FONTE 540 T/MIN MONOVITESSE
- TRANSMISSION PAR CHAÎNE A BAIN D'HUILE AVEC TENDEUR AUTOMATIQUE
- ROTOR AVEC 6 COUTEAUX PAR FLASQUE
- PATINS RÉGLABLES
- ATTELAGES À L'ÉLÉVATEUR RÉGLABLES EN LARGEUR
- CARDAN 5° CATÉGORIE AVEC FRICTION DE SÉCURITÉ - 1200 MM
- BARRE DE RENFORCEMENT FRONTALE

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 2
- GUSSEISENES GETRIEBE 540 U/MIN, 1-GANG (ROTOR DREHZAHL 190 U/MIN)
- KETTENANTRIEB ASA 100 IN ÖLBAD MIT AUTOMATISCHER KETTENSPANNER
- ROTOR MIT 6 MESSER PRO FLANSCH
- VERSTELLBARE KUFEN
- HEBER ANSCHLÜSSE IN DER BREITE VERSTELLBAR
- GELENKWELLE KATEGORIE 5 MIT RUTSCHKUPPLUNG - 1200 MM
- VERSTÄRKTEM ANBAUBOCK

CARATTERISTICHE STANDARD

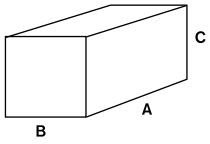
- ATTACCO A 3 PUNTI DI 2° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN MONOVELOCITÀ
- TRASMISSIONE A CATENA ASA 100 BAGNO D'OLIO CON TENDITORE AUTOMATICO
- ROTORE CON 6 ZAPPE PER FLANGIA
- SLITTE REGOLABILI
- ATTACCHI AL SOLLEVATORE REGISTRABILI IN LARGHEZZA
- CARDANO 5° CATEGORIA, SICUREZZA FRIZIONE - 1200 MM
- BARRA DI RINFORZO FRONTALE

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
HRA 160	**50 - 95**	**160**	*63*"	**185**	*74*"	**42**	**531**	*1171*	
HRA 180	**50 - 95**	**180**	*72*"	**210**	*84*"	**48**	**566**	*1248*	
HRA 200	**50 - 95**	**200**	*81*"	**230**	*92*"	**54**	**604**	*1132*	
HRA 225	**50 - 95**	**225**	*90*"	**250**	*100*"	**60**	**642**	*1415*	
HRA 250	**50 - 95**	**250**	*100*"	**275**	*110*"	**66**	**690**	*1521*	

	Cod.	OPTIONAL	€
	I	*Gear side transmission* *Dispositif de transmission latéral à engrenages* *Räderwerk Antrieb* *Dispositivo di trasmissione laterale a ingranaggi*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
HRA 160	**190**	**90**	**110**
HRA 180	**210**	**90**	**110**
HRA 200	**230**	**90**	**110**
HRA 225	**255**	**90**	**110**
HRA 250	**280**	**90**	**110**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse métallique unitaire
Einzelne Metall Palette
Cassa singola

Holiday R

Side shift rotary tillers
Fraises déportable
Seitenverschiebbare Bodenfräsen
Zappatrice spostabile

HP

15 - 40

kW

12 - 30

rpm

540

cm 15 - inch 6

ENG

This machine is suitable for tilling in orchards or tree farms. The side shift permits tilling close to the tree trunks. It is suitable for small to medium HP tractors.

FRA

Machine destinée dans les vergers ou dans les cultures de petits arbres.
Son déplacement latéral permet à l'opérateur de rapprocher la fraise aux cultures sans les endommager. Elle est indiquée pour les tracteurs de petite et moyenne puissance.

DEU

Diese Bodenfräse ist für Obstbau und Baumschulen geeignet, dank seiner Seitenverschiebung wodurch ganz Nah bei den Bäumen gefräst werden kann. Es ist für Klein und Mittelstarken Taktoren geeignet.

ITA

Macchina indicata per lavorazioni in frutteti o colture ad alberello, grazie allo spostamento laterale l'operatore può avvicinare la fresa alle colture senza danneggiarle. Adatta a trattori di piccole e medie potenze.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 AND 2
- CAST-IRON GEARBOX 540 RPM
- SIDE CHAIN ASA 80 RUNNING IN OIL BATH WITH AUTOMATIC TENSIONER
- ROTOR WITH 4 HOES PER FLANGE
- ADJUSTABLE SKIDS
- MANUAL SIDE SHIFT
- UNIVERSAL PTO SHAFT CATEGORY 4 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION PAR CHAÎNE ASA 80 A BAIN D'HUILE AVEC TENDEUR AUTOMATIQUE
- ROTOR AVEC 4 COUTEAUX PAR FLASQUE
- PATINS RÉGLABLES
- DÉPLACEMENT LATÉRAL MANUEL
- CARDAN STANDARD 4° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2
- GUSSEISENES GETRIEBE 540 U/MIN
- KETTENANTRIEB ASA 80 IN ÖLBAD MIT AUTOMATISCHER KETTENSPANNER
- ROTOR MIT 4 MESSER PRO FLANSCH
- VERSTELLBARE KUFEN
- MECHANISCHER SEITENVERSCHIEBUNG
- STANDARD GELENKWELLE KATEGORIE 4 - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 1° E 2° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN
- TRASMISSIONE A CATENA ASA 80 IN BAGNO D'OLIO CON TENDITORE AUTOMATICO
- ROTORE CON 4 ZAPPE PER FLANGIA
- SLITTE REGOLABILI
- SPOSTAMENTO LATERALE MANUALE
- CARDANO STANDARD 4° CATEGORIA - 700 MM

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Holiday R 85	**15 - 40**	**85**	*34"*	**105**	*42"*	**16**	**139**	*306*	
Holiday R 105	**15 - 40**	**105**	*42"*	**125**	*50"*	**20**	**152**	*335*	
Holiday R 125	**15 - 40**	**125**	*50"*	**145**	*58"*	**24**	**167**	*368*	
Holiday R 145	**15 - 40**	**145**	*58"*	**165**	*66"*	**28**	**188**	*414*	

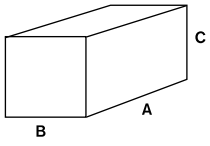
	Cod.	OPTIONAL	€
	V	*Side shift by screw* *Dispositif de déport par vis du troisième point* *Spindelverschiebung vom PTO* *Dispositivo di spostamento a vite dell'attacco a tre punti*	

	Cod.		€
	F	*Slip clutch PTO shaft* *Dispositif de sécurité à friction inclus dans le cardan* *Kupplungssicherung im Kardan enthalten* *Dispositivo di sicurezza a frizione incluso nel cardano*	

	Cod.		€
	B	*Shear bolt PTO shaft* *Dispositif de sécurité à boulon inclus dans le cardan* *Sicherheitsvorrichtung mit Bruchbolzen im Kardan enthalten* *Dispositivo di sicurezza con bullone di rottura incluso nel cardano*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Holiday R 85	**120**	**80**	**90**
Holiday R 105	**125**	**80**	**90**
Holiday R 125	**145**	**80**	**90**
Holiday R 145	**165**	**80**	**90**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse métallique unitaire
Einzelne Metall Palette
Cassa singola

Holiday RS

Side shift rotary tiller
Fraise déportable
Seitenverschiebbare Bodenfräse
Zappatrice spostabile

HP

15 - 50

kW

12 - 40

rpm

540

cm 16 - inch 7

ENG

This machine is suitable for tilling in orchards or tree farms. The side shift allows to till close to tree trunks. It is suitable for medium HP tractors.

FRA

Machine professionnelle avec châssis renforcé indiquée pour les travaux en profondeur dans les vergers ou dans les vignobles. Son déplacement latéral permet à l'opérateur de rapprocher la fraise aux coltures sans les endommager. Elle est indiquée pour les tracteurs de moyenne puissance.

DEU

Diese Bodenfräse hat ein verstärkten Rahmen und ist für Obst- und Weinbau geeignet. Dank seiner Seitenverschiebung kann es ganz Nah an den Bäumen und Sträuchern arbeiten. Es ist für Mittelstarken Traktoren geeignet.

ITA

Macchina professionale e con telaio scatolato per lavorazioni profonde in frutteti e vigneti, grazie allo spostamento laterale l'operatore può avvicinare la fresa alle colture senza danneggiarle. Adatta a trattori di medie potenze.

STANDARD FEATURES

- 3 POINT HITCH, SIDE-SHIFT, CATEGORY 1 AND 2
- CAST IRON GEARBOX 540 RPM
- SIDE CHAIN ASA 80 RUNNING IN OIL BATH WITH AUTOMATIC TENSIONER
- ROTOR WITH 4 HOES PER FLANGE
- OPTION KIT 6 HOES PER FLANGE
- ADJUSTABLE SKIDS
- MANUAL SIDE SHIFT
- UNIVERSAL PTO SHAFT CATEGORY 4 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE, DÉPORTABLE
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION PAR CHAÎNE ASA 80 A BAIN D'HUILE AVEC TENDEUR AUTOMATIQUE
- ROTOR AVEC 4 COUTEAUX PAR FLASQUE
- PRÉDISPOSITION KIT 6 COUTEAUX PAR FLASQUE
- PATINS RÉGLABLES
- DÉPLACEMENT LATÉRAL MANUEL
- CARDAN STANDARD 4° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2
- GUSSEISENES GETRIEBE 540 U/MIN
- KETTENANTRIEB ASA 80 IN ÖLBAD MIT AUTOMATISCHER KETTENSPANNER
- ROTOR MIT 4 MESSER PRO FLANSCH
- 6 MESSER PRO FLANSCH ALS ZUBEHÖR
- VERSTELLBARE KUFEN
- MECHANISCHER SEITENVERSCHIEBUNG
- STANDARD GELENKWELLE KATEGORIE 4 - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI SPOSTABILE DI 1° E 2° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN
- TRASMISSIONE A CATENA ASA 80 IN BAGNO D'OLIO CON TENDITORE AUTOMATICO
- ROTORE CON 4 ZAPPE PER FLANGIA
- PREDISPOSIZIONE KIT 6 ZAPPE PER FLANGIA
- SLITTE REGOLABILI
- SPOSTAMENTO LATERALE MANUALE
- CARDANO STANDARD 4° CATEGORIA - 700 MM

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Holiday RS 85	**15 - 50**	**85**	*34"*	**105**	*42"*	**16**	**169**	*373*	
Holiday RS 105	**15 - 50**	**105**	*42"*	**125**	*50"*	**20**	**175**	*386*	
Holiday RS 125	**15 - 50**	**125**	*50"*	**145**	*58"*	**24**	**188**	*414*	
Holiday RS 145	**15 - 50**	**145**	*58"*	**165**	*66"*	**28**	**202**	*445*	

Cod.	OPTIONAL	€

V

Side shift by screw
Dispositif de déport par vis du troisième point
Spindelverschiebung vom PTO
Dispositivo di spostamento a vite dell'attacco a tre punti

Cod.		Type	€

Z

N° 6 hoes per flange
N. 6 couteaux par chaque flasque du rotor
Montage von 6 Messern auf jedem Rotorflansch
Montaggio di n° 6 zappe su ogni flangia del rotore

Type
Holiday RS 85
Holiday RS 105
Holiday RS 125
Holiday RS 145

Cod.		€

F

Slip clutch PTO shaft
Dispositif de sécurité à boulon inclus dans le cardan
Kupplungssicherung im Kardan enthalten
Dispositivo di sicurezza a frizione incluso nel cardano

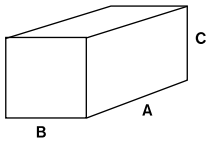
Cod.		€

B

Shear bolt PTO shaft
Dispositif de sécurité à friction inclus dans le cardan
Sicherheitsvorrichtung mit Bruchbolzen im Kardan enthalten
Dispositivo di sicurezza con bullone di rottura incluso nel cardano

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Holiday RS 85	**120**	**80**	**100**
Holiday RS 105	**125**	**80**	**100**
Holiday RS 125	**145**	**80**	**100**
Holiday RS 145	**165**	**80**	**100**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse métallique unitaire
Einzelne Metall Palette
Cassa singola

URT ED

Side shift rotary tiller
Fraise déportable
Seitenverschiebbare Bodenfräse
Zappatrice spostabile

HP
20 - 50

kW

15 - 40

rpm

540

cm 18 - inch 7

ENG

This rotary tiller is suitable for heavy tilling in orchards and tree farms. The side-shift allows the tiller to till close to the trees. It is suitable for medium HP tractors.

FRA

Machine indiquée pour les travaux dans les vergers ou dans les coltures de petits arbres. Son déplacement latéral permet à l'opérateur de rapprocher la fraise aux coltures sans les endommager. Elle est indiquée pour les tracteurs de moyenne puissance.

DEU

Diese Bodenfräse ist für schwere Arbeiten im Obstbau und Baumschulen geeignet, dank seiner Seitenverschiebung wodurch ganz Nah bei den Bäumen gefräst werden kann. Es ist für Mittelstarken Traktoren geeignet.

ITA

Macchina indicata per lavorazioni gravose in frutteti o colture ad alberello, grazie allo spostamento laterale l'operatore può avvicinare la fresa alle colture senza danneggiarle. Adatta a trattori di medie potenze.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 AND 2, SIDE-SHIFT WITH SPINDLE
- CAST IRON GEARBOX 540 RPM
- CHAIN DRIVE ASA 80 IN OIL BATH WITH AUTOMATIC TENSIONER
- ROTOR WITH 4 HOES PER FLANGE
- OPTIONAL WITH 6 HOES PER FLANGE
- ADJUSTABLE SKIDS
- UNIVERSAL PTO SHAFT, CATEGORY 4 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS, 1° ET 2° CATÉGORIE, DÉPORTABLE PAR VIS
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION À CHAÎNE ASA 80 A BAIN D'HUILE AVEC TENDEUR AUTOMATIQUE
- ROTOR AVEC 4 COUTEAUX PAR FLASQUE
- PRÉDISPOSITION KIT 6 COUTEAUX PAR FLASQUE
- PATINS RÉGLABLES
- CARDAN STANDANRD 4° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2 MIT SPINDELVERSCHIEBUNG
- GUSSEISENES GETRIEBE 540 U/MIN
- KETTENANTRIEB ASA 80 IN ÖLBAD MIT AUTOMATISCHER KETTENSPANNER
- ROTOR MIT 4 MESSER PRO FLANSCH
- 6 MESSER PRO FLANSCH ALS ZUBEHÖR
- VERSTELLBARE KUFEN
- STANDARD GELENKWELLE KATEGORIE 4 - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 1° E 2° CATEGORIA, SPOSTABILE A VITE
- RIDUTTORE IN GHISA 540 G/MIN
- TRASMISSIONE A CATENA ASA 80 IN BAGNO D'OLIO CON TENDITORE AUTOMATICO
- ROTORE CON 4 ZAPPE PER FLANGIA
- PREDISPOSIZIONE KIT 6 ZAPPE PER FLANGIA
- SLITTE REGOLABILI
- CARDANO STANDARD 4° CATEGORIA - 700 MM

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
URT ED 96	**20 - 50**	**96**	*38"*	**110**	*44"*	**20**	**206**	*454*	
URT ED 114	**20 - 50**	**114**	*46"*	**130**	*52"*	**24**	**218**	*481*	
URT ED 132	**20 - 50**	**132**	*52"*	**145**	*58"*	**28**	**230**	*507*	
URT ED 150	**20 - 50**	**150**	*60"*	**165**	*66"*	**32**	**248**	*547*	
URT ED 168	**20 - 50**	**168**	*67"*	**185**	*74"*	**36**	**266**	*586*	

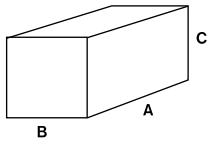
	Cod.	OPTIONAL	Type	€
	Z	*N° 6 hoes per flange* *N. 6 couteaux par chaque flasque du rotor* *Montage von 6 Messer auf jedem Rotorflansch* *Montaggio di n° 6 zappe su ogni flangia del rotore*	URT ED 96 URT ED 114 URT ED 132 URT ED 150 URT ED 168	

	Cod.		
	F	*Slip clutch PTO shaft* *Dispositif de sécurité à friction inclus dans le cardan* *Kupplungssicherung im Kardan enthalten* *Dispositivo di sicurezza a frizione incluso nel cardano*	

	Cod.		
	B	*Shear bolt PTO shaft* *Dispositif de sécurité à boulon inclus dans le cardan* *Sicherheitsvorrichtung mit Bruchbolzen im Kardan enthalten* *Dispositivo di sicurezza con bullone di rottura incluso nel cardano*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
URT ED 96	**120**	**80**	**100**
URT ED 114	**130**	**80**	**100**
URT ED 132	**150**	**80**	**100**
URT ED 150	**170**	**80**	**100**
URT ED 168	**180**	**80**	**100**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse métallique unitaire
Einzelne Metall Palette
Cassa singola

Stone buriers & rotary harrows
Enfouisseuses & herses rotatives
Bodenumkehrfräse & Kreiseleggen
Interrasassi & erpici rotanti

Yellowstone

20 - 50 HP

96 / 114 / 132 / 150 / 168

42 43

Rotex L

12 - 25 HP

88 / 104 / 120 / 136

44 45

Rotex M

15 - 45 HP

90 / 110 / 130 / 150

46 47

Rotex H

40 - 100 HP

170 / 190 / 230 / 250

48 49

Seeders
Semoirs
Sämaschinen
Seminatrici

Grass

90 / 100 / 120 / 140

50 51

Professional

11 / 13 / 15

52 53

Yellowstone

Stone burier
Enfouisseuse
Bodenumkehrfräse
Interrasassi

HP
20 - 50

kW

15 - 40

rpm

540

cm 18 - inch 7

ENG

A universal stone burier, suitable for any terrain with stones from 1 to 4 inches in diameter. It prepares the terrain for seeding and can be equipped with a seeder for one-pass operation.

FRA

Machine universelle utilisées sur des terrains souples et argileux, et aussi à la presence des cailloux qui varient de 2 à 10 cm de diamètre, afin de preparer le terrain à la semence.

DEU

Eine universal Umkehrfräse die bei jedem Boden, Steine von 2-10 cm Durchmesser eingräbt. Es bereitet der Boden vor und kann mit eine Sämaschine ausgestattet werden um alles in ein Durchgang zu erledigen.

ITA

Macchina universale, utilizzata sia su terreni sciolti che argillosi, con presenza di ciottoli di dimensioni che possono variare da 2 a 10 cm di diametro con la funzione di preparare il terreno per essere seminato.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 AND 2
- CAST IRON GEARBOX 540 RPM
- CHAIN DRIVE ASA 80 IN OIL BATH WITH AUTOMATIC TENSIONER
- ROTOR WITH 6 HOES PER FLANGE
- ADJUSTABLE SCREEN ROLLER
- ADJUSTABLE LEVELLING BLADE
- RAKE WITH SPRING TINES IN HARMONIC STEEL
- PTO SHAFT, CATEGORY 4 WITH SLIP CLUTCH - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS DE 1° ET 2° CATÉGORIE
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION PAR CHAÎNE A BAIN D'HUILE ASA 80 AVEC TENDEUR AUTOMATIQUE
- ROTOR AVEC 6 COUTEAUX PAR FLASQUE
- ROULEAU GRILLE RÉGLABLE.
- LAME NIVELEUSE RÉGLABLE.
- GRILLE DE SÉPARATION COMPOSÉE DE DENTS À RESSORT EN ACIER HARMONIQUE
- CARDAN, 4° CATÉGORIE AVEC FRICTION DE SÉCURITÉ - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2
- GUSSEISENES GETRIEBE 540 U/MIN
- KETTENANTRIEB ASA 80 IN ÖLBAD MIT AUTOMATISCHER KETTENSPANNER
- ROTOR MIT 6 MESSER PRO FLANSCH
- VERSTELLBARE GITTERWALZE
- VERSTELLBARES PLANIERSCHILD
- TRENNGITTER AUS FEDERZÄHNE AUS STAHL
- GELENKWELLE KATEGORIE 4 MIT RUTSCHKUPPLUNG - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 1° E 2° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN.
- TRASMISSIONE A CATENA IN BAGNO D'OLIO ASA 80 CON TENDITORE AUTOMATICO
- ROTORE CON 6 ZAPPE PER FLANGIA
- RULLO A GRIGLIA REGOLABILE
- LAMA LIVELLATRICE REGOLABILE
- GRIGLIA DI SEPARAZIONE COMPOSTA DA DENTI A MOLLA IN ACCIAIO ARMONICO
- CARDANO 4° CATEGORIA SICUREZZA FRIZIONE - 700 MM

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Yellowstone 96	**20 - 50**	**96**	*38"*	**115**	*46"*	**30**	**334**	*736*	
Yellowstone 114	**20 - 50**	**114**	*46"*	**135**	*54"*	**36**	**366**	*807*	
Yellowstone 132	**20 - 50**	**132**	*52"*	**155**	*62"*	**42**	**394**	*869*	
Yellowstone 150	**20 - 50**	**150**	*60"*	**175**	*70"*	**48**	**424**	*935*	
Yellowstone 168	**20 - 50**	**168**	*67"*	**195**	*78"*	**54**	**442**	*974*	

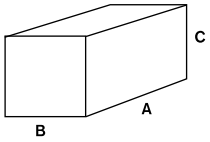
Cod.	OPTIONAL	Type	Kg	€
P11	*"Professional" seeder* *"Professional" semoir* *"Professional" Sämaschine* *"Professional" seminatrice*	Yellowstone 96	100	
P11		Yellowstone114	100	
P13		Yellowstone132	110	
P13		Yellowstone150	110	
P15		Yellowstone168	125	

Cod.		Type	Kg	€
G90	*"Grass" seeder* *"Grass" semoir* *"Grass" Sämaschine* *"Grass" seminatrice*	Yellowstone 96	60	
G100		Yellowstone114	64	
G140		Yellowstone132	70	

Cod.	
B	*Shear bolt PTO shaft* *Dispositif de sécurité à friction inclus dans le cardan* *Sicherheitsvorrichtung mit Bruchbolzen im Kardan enthalten* *Dispositivo di sicurezza con bullone di rottura incluso nel cardano*

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Yellowstone 96	**160**	**120**	**100**
Yellowstone 114	**160**	**140**	**100**
Yellowstone 132	**160**	**160**	**100**
Yellowstone 150	**180**	**160**	**100**
Yellowstone 168	**200**	**160**	**100**



Rotex L

Rotary harrow
Herse rotative
Kreiselegge
Erpice rotante

HP
15 - 25

kW

10 - 20

rpm

540

cm 16 - inch 6

ENG

This light rotary harrow is ideal for special crops in soft terrain outside or in greenhouses. It tills the ground gently and allows excellent water drainage.

FRA

Herse rotative indiquée pour des coltures spécialisées dans un terrain friable sous la serre ou dans un terrain labouré. Il permet un travail souple pour un parfait drainage d'eau.

DEU

Diese leichte Kreiselegge findet verwendung in leichten Boden und auch in Gewächshäusern. Es sorgt für eine sanfte Bodenbearbeitung und fordert die Entwässerung.

ITA

Erpice rotante impiegato su terreni sciolti per colture specializzate anche sotto serra. Consente una lavorazione soffice del terreno che favorisce il perfetto drenaggio dell'acqua.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- CAST IRON GEARBOX 540 RPM
- GEAR DRIVEN (IN OIL BATH)
- TWO SHAPED BLADES PER ROTOR
- SELF-ADJUSTING SIDE PROTECTION
- MOUNTING POINTS FOR ROLLER
- MOUNTING POINTS FOR LEVELLING BLADE
- MOUNTING POINTS FOR SEEDER
- PTO SHAFT, CATEGORY 2, WITH SHEAR BOLT - 700 MM
- SPECIAL STEEL BLADES TO REDUCE WEAR

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION À ENGRENAGES A BAIN D'HUILE
- ROTORS À 2 DENTS RÉVERSIBLES
- PROTECTIONS LATÉRALES AUTORÉGULANTS
- PRÉDISPOSÉE POUR MONTAGE KIT ROULEAU
- PRÉDISPOSÉE POUR MONTAGE KIT LAME NIVELEUSE
- PRÉDISPOSÉE POUR MONTAGE SEMOIR
- CARDAN 2° CATÉGORIE AVEC BOULON DE SÉCURITÉ - 700 MM
- DENTS HAUTE RESISTANCE

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- GUSSEISENES GETRIEBE 540 U/MIN
- ZAHNRADANTRIEB IN ÖLBAD
- ZWEI MESSERZINKEN PER ROTOR
- SELBSTREGULIERENDER SEITENSCHUTZ
- VORBEREITET FÜR EINE WALZE
- VORBEREITET FÜR EIN PLANIERSCHILD (VORNE ODER HINTEN)
- VORBEREITET FÜR EINE SÄMASCHINE.
- STANDARD GELENKWELLE KATEGORIE 2 MIT SCHERBOLZEN - 700 MM
- MESSERZINKEN AUS HOHEN WIDERSTAND

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 1° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN.
- TRASMISSIONE AD INGRANAGGI IN BAGNO D'OLIO
- ROTORI CON 2 DENTI
- PROTEZIONI LATERALI AUTOREGOLANTI
- PREDISPOSTO PER MONTAGGIO KIT RULLO
- PREDISPOSTO PER MONTAGGIO KIT LAMA LIVELLATRICE
- PREDISPOSIZIONE PER MONTAGGIO SEMINATRICE
- CARDANO 2° CATEGORIA SICUREZZA BULLONE - 700 MM
- DENTI AD ALTA RESISTENZA

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Rotex L 88	**12 - 25**	**88**	*35"*	**100**	*40"*	**10**	**145**	*320*	
Rotex L 104	**12 - 25**	**104**	*41"*	**115**	*46"*	**12**	**161**	*355*	
Rotex L 120	**12 - 25**	**120**	*48"*	**130**	*52"*	**14**	**176**	*388*	
Rotex L 136	**12 - 25**	**136**	*54"*	**145**	*58"*	**16**	**187**	*412*	

Cod.	OPTIONAL	Type	Kg	€
G90	*"Grass" seeder* *"Grass" semoir* *"Grass" Sämaschine* *"Grass" seminatrice*	Rotex L 88	60	
G100		Rotex L 104	64	
G120		Rotex L 120	70	
G140		Rotex L 136	78	

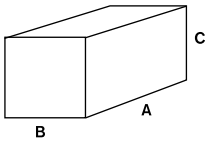
Cod.		Type	Kg	
GA	*Cage roller* *Rouleau cage avec tuyaux* *Walze aus Rohren* *Rullo con tubi*	Rotex L 88	38	
		Rotex L 104	40	
		Rotex L 120	42	
		Rotex L 136	44	

Cod.		Type	Kg	
GR	*Wire roller* *Rouleau avec tôle grillée* *Walze aus Gitterblech* *Rullo con lamiera grigliata*	Rotex L 88	38	
		Rotex L 104	40	
		Rotex L 120	42	
		Rotex L 136	44	

Cod.		Type	Kg	
LL	*Soil levelling blade* *Lame niveluse du terrain* *Planierschild für den Boden* *Lama di livellamento del terreno*	Rotex L 88	21	
		Rotex L 104	22	
		Rotex L 120	23	
		Rotex L 136	24	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Rotex L 88	**120**	**80**	**95**
Rotex L 104	**135**	**80**	**95**
Rotex L 120	**150**	**80**	**95**
Rotex L 136	**170**	**80**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Rotex M

Rotary harrow
Herse rotative
Kreiselegge
Erpice rotante

HP
15 - 45

kW

12 - 35

rpm

540

cm 19 - inch 8

ENG

This medium duty rotary harrow is ideal for special crops in soft terrain outside or in greenhouses. It tills the ground gently and allows excellent water drainage.

FRA

Herse rotative indiquée pour des coltures spécialisées dans un terrain friable, sous la serre ou dans un terrain labouré. Il permet un travail souple pour un parfait drainage d'eau.

DEU

Diese mittlere Kreiselegge findet verwendung in leichten Boden und auch in Gewächshäusern. Es sorgt für eine sanfte Bodenbearbeitung und fordert die Entwässerung.

ITA

Erpice rotante impiegato su terreni sciolti per colture specializzate, sotto serra o in campo aperto. Consente una lavorazione soffice del terreno che favorisce il perfetto drenaggio dell'acqua.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- CAST IRON GEARBOX 540 RPM
- GEAR DRIVEN IN OIL BATH
- TWO SHAPED BLADES PER ROTOR
- SELF-ADJUSTING SIDE PROTECTION
- MOUNTING POINTS FOR ROLLER
- MOUNTING POINTS FOR LEVELLING BLADE
- MOUNTING POINTS FOR SEEDER
- UNIVERSAL PTO SHAFT, CATEGORY 4, WITH SHEAR BOLT - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS CATÉGORIE 1
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION À ENGRENAGES A BAIN D'HUILE
- ROTORS AVEC 2 DENTS
- PROTECTIONS LATÉRALES AUTORÉGULANTES
- PRÉDISPOSÉE POUR MONTAGE KIT ROULEAU
- PRÉDISPOSÉE POUR MONTAGE KIT LAME NIVELEUSE
- PRÉDISPOSÉE POUR MONTAGE SEMOIR
- CARDAN STANDARD 4° CATÉGORIE AVEC BOULON DE SÉCURITÉ - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- GUSSEISENES GETRIEBE 540 U/MIN
- ZAHNRADANTRIEB IN ÖLBAD
- ZWEI MESSERZINKEN PER ROTOR
- DREHZAHL MESSERZINKEN 370 U/MIN
- SELBSTREGULIERENDER SEITENSCHUTZ
- VORBEREITET FÜR EINE WALZE
- VORBEREITET FÜR EIN PLANIERSCHILD (VORNE ODER HINTEN)
- VORBEREITET FÜR SÄMASCHINE
- STANDARD GELENKWELLE KATEGORIE 4 MIT SCHERBOLZEN - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 1° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN.
- TRASMISSIONE AD INGRANAGGI IN BAGNO D'OLIO
- ROTORI CON 2 DENTI
- PROTEZIONI LATERALI AUTOREGOLANTI
- PREDISPOSTO PER MONTAGGIO KIT RULLO
- PREDISPOSTO PER MONTAGGIO KIT LAMA LIVELLATRICE
- PREDISPOSTO PER MONTAGGIO SEMINATRICE
- CARDANO STANDARD 4° CATEGORIA CON BULLONE DI SICUREZZA - 700 MM

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Rotex M 90	**15 - 45**	**90**	*36"*	**100**	*40"*	**8**	**175**	*386*	
Rotex M 110	**15 - 45**	**110**	*44"*	**120**	*48"*	**10**	**214**	*472*	
Rotex M 130	**15 - 45**	**130**	*52"*	**140**	*56"*	**12**	**239**	*527*	
Rotex M 150	**15 - 45**	**150**	*60"*	**160**	*64"*	**14**	**263**	*580*	

	Cod.	OPTIONAL	Type	Kg	€
	G90	*"Grass" seeder* *"Grass" semoir* *"Grass" Sämaschine* *"Grass" seminatrice*	Rotex M 90	60	
	G100		Rotex M 110	64	
	G120		Rotex M 130	70	

	Cod.		Type	Kg	
	P11	*"Professional" seeder* *"Professional" semoir* *"Professional" Sämaschine* *"Professional" seminatrice*	Rotex M 110	100	
	P13		Rotex M 130	110	
	P13		Rotex M 150	110	

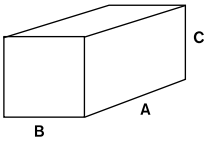
	Cod.		Type	Kg	
	GA	*Cage roller* *Rouleau cage avec tuyaux* *Walze aus Rohren* *Rullo con tubi*	Rotex M 90	38	
			Rotex M 110	42	
			Rotex M 130	46	
			Rotex M 150	50	

	Cod.		Type	Kg	
	GR	*Wire roller* *Rouleau avec tôle grillée* *Walze aus Gitterblech* *Rullo con lamiera grigliata*	Rotex M 90	38	
			Rotex M 110	42	
			Rotex M 130	46	
			Rotex M 150	50	

	Cod.		Type	Kg	
	LL	*Soil levelling blade* *Lame niveluse du terrain* *Planierschild für den Boden* *Lama di livellamento del terreno*	Rotex M 90	20	
			Rotex M 110	22	
			Rotex M 130	23	
			Rotex M 150	24	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Rotex M 90	**120**	**80**	**95**
Rotex M 110	**140**	**80**	**95**
Rotex M 130	**160**	**80**	**95**
Rotex M 150	**180**	**80**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Rotex H

Rotary harrow
Herse rotative
Kreiselegge
Erpice rotante

HP
40 - 100

kW

22 - 60

rpm

540

cm 21 - inch 8

ENG

This heavy duty rotary harrow is ideal for special crops in hard or soft terrain. It tills the ground gently and allows excellent water drainage. It has a reinforced frame for durability and reliability.

FRA

Herse rotative professionnelle indiquée pour un terrain compact dans les coltures spécialisées ou dans un terrain labouré. Elle permet un travail souple du terrain. Son châssis renforcé permet à la machine de supporter des lourdes sollicitudes sans en compromettre la stabilité.

DEU

Diese schwere Kreiselegge findet verwendung in harten sowie leichten Boden. Es sorgt für eine sanfte Bodenbearbeitung und fordert die Entwässerung. Sein verstärkter Rahmen sorgt für Haltbarkeit und Zuverlässigkeit.

ITA

Erpice rotante professionale impiegato su terreni sciolti anche duri e tenaci per colture specializzate, o in campo aperto. Consente una lavorazione soffice del terreno. Telaio rinforzato in grado di sopportare sollecitazioni gravose senza comprometterne la stabilità.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 2
- CAST IRON GEARBOX 540 RPM
- GEAR DRIVEN IN OIL BATH
- TWO SHAPED BLADES PER ROTOR
- SELF-ADJUSTING SIDE PROTECTION
- MOUNTING POINTS FOR ROLLER
- MOUNTING POINTS FOR LEVELLING BLADE AND SEEDER
- SHEAR BOLT PTO SHAFT CATEGORY 5 (170 - 190), ROTEX CATEGORY 6 (230 - 250) - 700 MM
- REINFORCED FRONT BAR

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 2° CATÉGORIE
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION À ENGRENAGES À BAIN D'HUILE
- ROTORS AVEC 2 DENTS
- PROTECTIONS LATÉRALES AUTORÉGULANTES
- PRÉDISPOSÉE POUR MONTAGE KIT ROULEAU
- PRÉDISPOSÉE POUR MONTAGE KIT LAME NIVELEUSE ET SEMOIR
- CARDAN BOULON 5° CATÉGORIE (170 - 190) OU ROTEX 6° CATÉGORIE (230 - 250) - 700 MM
- BARRE FRONTALE DE RENFORCEMENT

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 2
- GUSSEISENES GETRIEBE 540 U/MIN
- ZAHNRADANTRIEB IN ÖLBAD
- ZWEI MESSERZINKEN PER ROTOR
- SELBSTREGULIERENDER SEITENSCHUTZ
- VORBEREITET FÜR EIN WALZE
- VORBEREITET FÜR EINE PLANIERSCHILD (VORNE ODER HINTEN)
- VORBEREITET FÜR EINE SÄMASCHINE
- GELENKWELLE KATEGORIE 5 (170 - 190) KATEGORIE 6 (230 - 250) MIT SCHERBOLZEN - 700 MM
- VORDERROHR ALS VERSTÄRKUNG (60 X 60 MM AUS 6 MM STAHL)

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI DI 2° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN.
- TRASMISSIONE AD INGRANAGGI IN BAGNO D'OLIO
- ROTORI CON 2 DENTI
- PROTEZIONI LATERALI AUTOREGOLANTI
- PREDISPOSTO PER MONTAGGIO KIT RULLO
- PREDISPOSTO PER MONTAGGIO KIT LAMA LIVELLATRICE E SEMINATRICE
- CARDANO BULLONE 5° CATEGORIA (170 - 190) E ROTEX 6° CATEGORIA (230 - 250) CON SICUREZZA BULLONE - 700 MM
- BARRA FRONTALE DI RINFORZO

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
Rotex H 170	**40 - 100**	**170**	*67"*	**180**	*72"*	**16**	**319**	*703*	
Rotex H 190	**40 - 100**	**190**	*75"*	**200**	*80"*	**18**	**345**	*761*	
Rotex H 230	**40 - 100**	**230**	*90"*	**240**	*96"*	**22**	**519**	*1144*	
Rotex H 250	**40 - 100**	**250**	*100"*	**260**	*104"*	**24**	**551**	*1215*	

	Cod.	OPTIONAL	Type	Kg	€
	P15	*"Professional" seeder* *"Professional" semoir* *"Professional" Sämaschine* *"Professional" seminatrice*	Rotex H 170	125	
			Rotex H 190	125	
			Rotex H 230	125	
			Rotex H 250	125	

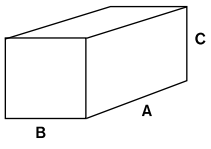
	Cod.		Type	Kg	
	GA	*Cage roller* *Rouleau cage avec tuyaux* *Walze aus Rohren* *Rullo con tubi*	Rotex H 170	62	
			Rotex H 190	64	
			Rotex H 230	68	
			Rotex H 250	73	

	Cod.		Type	Kg	
	GR	*Wire roller* *Rouleau avec tôle grillée* *Walze aus Gitterblech* *Rullo con lamiera grigliata*	Rotex H 170	100	
			Rotex H 190	111	
			Rotex H 230	126	
			Rotex H 250	141	

	Cod.		Type	Kg	
	LL	*Soil levelling blade* *Lame niveluse du terrain* *Planierschild für den Boden* *Lama di livellamento del terreno*	Rotex H 170	22	
			Rotex H 190	24	
			Rotex H 230	26	
			Rotex H 250	29	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Rotex H 170	**200**	**80**	**95**
Rotex H 190	**220**	**80**	**95**
Rotex H 230	**260**	**80**	**95**
Rotex H 250	**280**	**80**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Grass

Seeder for grass
Semoir puor herbe
Sämaschine für Gras
Seminatrice per erba

YELLOWSTONE
ROTEX L
ROTEX M

ENG

The GRASS seeder is ideal for distributing small seeds for cover crops, pasutes and meadows. The seed flow regulation can be regulated remotely by the operator.

FRA

Le semoir GRASS distribue uniformément sur le terrain tous les semences de petites dimensions pour jardins, pâturages, et prés. Equipé d'un mécanisme qui permet de régler le flux des graines directement du tracteur.

DEU

Die Sämaschine GRASS ist ideal um Grasartigesamen für Felder, Wiesen oder andere Gebiete zu säen. Die Saatmenge kann durch den Fahrer vom Traktor aus geregelt werden.

ITA

Seminatrice in grado di distribuire uniformemente semi di piccole dimensioni per prati, pascoli, impianti erbosi. La regolazione del flusso del seme può essere effettuata stando seduti sul trattore.

STANDARD FEATURES

- ADJUSTABLE FLOW RATE
- CHAIN DRIVE VIA MACHINE REAR ROLLER
- MOUNTING KIT INCLUDED
- FITS ON ROTARY HARROW ROTEX L & M AND YELLOWSTONE STONEBURIER

CARACTÉRISTIQUES STANDARD

- DISPOSITIF REGLABLE D'OUVERTURE POUR L'ÉPANDAGE DES GRAINES
- TRANSMISSION PAR CHAÎNE RELIÉE AU ROULEAU ARRIERE DE L'HERSE ROTATIVE
- KIT POUR L'ATTELAGE INCLUS
- LE SEMOIR PEUT ETRE MONTÉ SUR LES MACHINES SUIVANTES: YELLOWSTONE, ROTEX M E ROTEX L

STANDARD EIGENSCHAFTEN

- EINSTELLBARE VERTEILERÖFFNUNGEN
- KETTENANTRIEB ÜBER WALZE DER KREISELEGGE
- KIT MASCHINEN ANSCHLUSS ENTHALTEN
- PASST ZUR KREISELEGGEN ROTEX L & M UND UMKEHRFRÄSE YELLOWSTONE

CARATTERISTICHE STANDARD

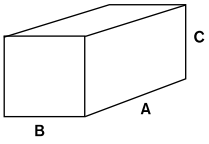
- REGOLATORE DI APERTURA CANALI DI SPARGIMENTO DEL SEME
- TRASMISSIONE A CATENA COLLEGATA AL RULLO POSTERIORE DELLA MACCHINA
- KIT PER ATTACCO ALLA MACCHINA INCLUSO
- APPLICABILE A YELLOWSTONE, ROTEX M E ROTEX L

COD-MOD	Yellowstone	Rotex L	Rotex M	Capacity	kg	lbs	€
Grass 90	**96**	**88**	**90**	**54**	**60**	*132*	
Grass 100	**114**	**104**	**110**	**65**	**64**	*141*	
Grass 120	**-**	**120**	**130**	**76**	**70**	*154*	
Grass 140	**132**	**136**	**-**	**87**	**78**	*172*	

At the moment of the order specify the model of the machine to fit the seeder.
Au moment de la commande spécifier le modèle de la machine sur laquelle será monté le semoir.
Bei Bestellung bitte das Modell der Maschine an dem die Sämaschine angebaut werden soll angeben.
Al momento dell'ordine specificare il modello della macchina alla quale applicare la seminatrice.

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

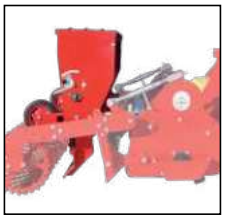
Type	A (cm)	B (cm)	C (cm)
Grass 90	**110**	**40**	**40**
Grass 110	**125**	**40**	**40**
Grass 120	**140**	**40**	**40**
Grass 140	**155**	**40**	**40**



Professional

Multipurpose seeder
Semoir polyvalente
Mehrzweck Sämaschine
Seminatrice polivalente

YELLOWSTONE
ROTEX M
ROTEX H



ENG

The PROFESSIONAL seeder offers a precise and uniform distribution of seeds. It has bronze seed cups and can be used with both small and large seeds. It can be used for seeding cover crops, wheat, corn, etc.

FRA

Le semoir PROFESSIONAL distribue uniformément sur le terrain toutes les semences de petites et grandes dimensions en étant équipé de distributeurs spéciaux en laitons. Le semoir est conseillé pour les prés, les pâturages et les cultures sur terrain labouré, et aussi pour maÏs, blé etc.

DEU

Die PROFESSIONAL Sämaschine bietet eine genaue und gleichmässige Verteilung der Samen. Es hat Messingsamenverteiler und kann sowohl kleine als auch grosse Samen säen. Es kann für Weizen, Korn und Getreide usw eingesetzt werden.

ITA

La Seminatrice PROFESSIONAL è in grado di distribuire uniformemente semi di piccole e grandi dimensioni essendo dotata di distributori in ottone. Utilizzo consigliato per prati, pascoli, coltivazioni in campo aperto, per grano, mais, ecc.

STANDARD FEATURES

- ADJUSTABLE FLOW RATE
- INDIVIDUAL SLUICE GATES
- FAST EMPTYING
- MULTI DISPENSER
- CHAIN DRIVE
- MOUNTING KIT INCLUDED FOR ROTEX AND YELLOWSTONE
- BRASS SEED CUPS
- FITS ON ROTARY HARROW ROTEX M & H AND STONEBURIER YELLOWSTONE
- SUITABLE TO: WHEAT - CORN - PEAS - HEMP - SORGE - ALFALFA - ONION

CARACTÉRISTIQUES STANDARD

- DÉBIT RÉGLABLE
- VANNES INDIVIDUELLES
- VIDANGE RAPIDE
- ALIMENTATION PAR ROULEAU DOSEUR
- TRANSMISSION PAR CHAÎNE
- KIT DE MONTAGE INCLUS POUR ROTEX ET YELLOWSTONE
- DISTRIBUTEUR DE SELECTION DES GRAINES EN CUIVRE JAUNE
- IL PEUT ETRE APPLIQUÉ À L'HERSE ROTATIVE ROTEX M & H ET ENFOUISSEUSE YELLOWSTONE
- ADAPTÉ POUR: BLÉ - CÉRÉALES - POIS - CHANVRE - SORGHO - LUZERNE - OIGNONS

STANDARD EIGENSCHAFTEN

- EINSTELLBARE DURCHFLUSSMENGE
- EINZELNE SCHLEUSEN
- SCHNELLE ENTLEERUNG
- MEHRFACH VERTEILER
- KETTENANTRIEB
- PROFESSIONELLE SÄMASCHINE FUR UMKEHRFRÄSEN YELLOWSTONE UND KREISELEGGEN ROTEX
- SAMEN VERTEILER IN MESSING
- PASST ZUR KREISELEGGEN ROTEX M & H UND UMKEHRFRÄSE YELLOWSTONE
- GEEIGNET FÜR: WEIZEN - KORN - GETREIDE - ERBSEN - HANF - MOHRENHIRSE - LUZERNE - ZWIEBELN

CARATTERISTICHE STANDARD

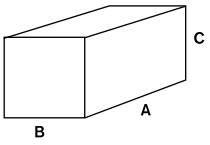
- PORTATA REGOLABILE
- PARATOIE INDIVIDUALI
- SVUOTAMENTO RAPIDO
- MULTIDOSATORE
- TRASMISSIONE A CATENA
- KIT DI MONTAGGIO INCLUSO PER ROTEX E YELLOWSTONE
- DISTRIBUTORE DI SELEZIONE DEL SEME IN OTTONE
- APPLICABILE AD ERPICI ROTANTI ROTEX M & H E ZAPPATRICE INTERRASASSI YELLOWSTONE
- ADATTA PER: FRUMENTO - CEREALI - PISELLI - CANAPA - SORGO - ERBA MEDICA - CIPOLLA

COD-MOD	Yellowstone	Rotex M	Rotex H	Capacity	kg	lbs	€
P 11	**96 - 114**	**110**	**-**	**100**	**100**	*220*	
P 13	**132 - 150**	**130 - 150**	**-**	**135**	**110**	*243*	
P 15	**168**	**-**	**170 - 250**	**160**	**125**	*276*	

At the moment of the order specify the model of the machine to fit the seeder.
Au moment de la commande spécifier le modèle de la machine sur laquelle será monté le semoir.
Bei Bestellung bitte das Modell der Maschine an dem die Sämaschine angebaut werden soll angeben.
Al momento dell'ordine specificare il modello della macchina alla quale applicare la seminatrice.

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Professional 11	**105**	**40**	**55**
Professional 13	**140**	**40**	**55**
Professional 15	**160**	**40**	**55**



DelMorino
DelMorino
DelMorino
DelMorino
Levante 250 M

Mulchers
Broyeurs
Mulchgeräte
Trinciatrici

Ginger

12 - 30 HP

80 / 96 / 106 / 125 / 145

58 59

Funny

12 - 30 HP

80 / 93 / 106 / 132 /158

60 61

Funny Top

12 - 30 HP

80 / 93 / 106 / 132 158

62 63

Disco

12 - 40 HP

96 / 115 / 125 / 145 165

64 65

Disco Top

12 - 40 HP

96 / 115 / 125 / 145 165

66 67

Centurion

15 - 50 HP

106 / 132 / 158 / 186

68 69

Flipper

15 - 70 HP

80 / 106 / 132 / 158 / 186 / 214

70 71

Farm

50 - 80 HP

158 / 186 / 214

72 73

Levante

50 - 120 HP

140 / 160 / 190 / 220 / 250

74 75

Levante Plus

80 - 120 HP

250 / 270

76 77

Victor

50 - 120 HP

150 / 170 / 190 / 210 / 230 / 250 / 270

78 79

DMK

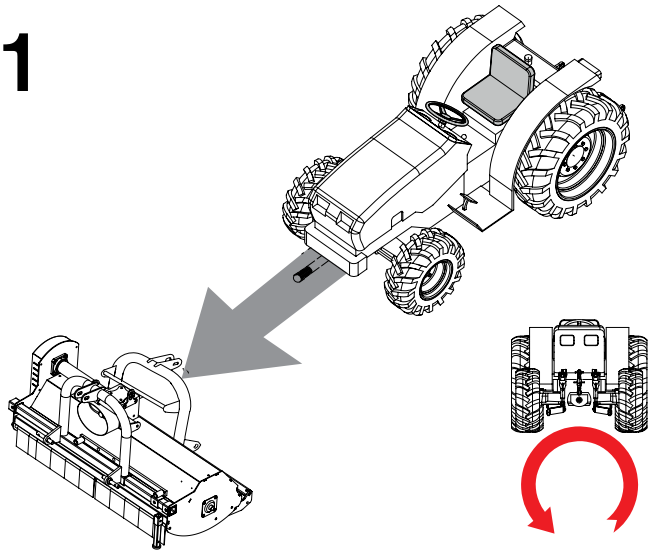
15-80 HP

90 / 100 / 110 / 120 / 135 / 150 / 150/3 / 180/3

80 81

Direction of rotation
Sens de rotation
Drehrichtung
Senso di rotazione

1

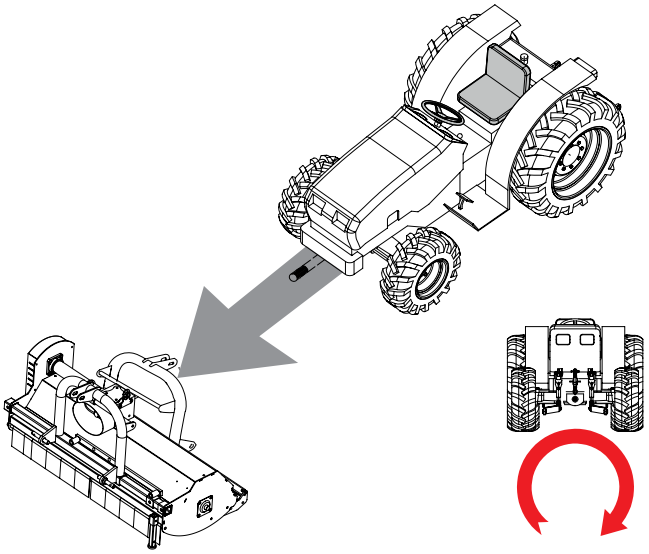


Front machine
Machine frontale
Frontanbau
Macchina frontale

RPM — T/min — U/min — giri/min

540	1000	2000
A	B	C

2

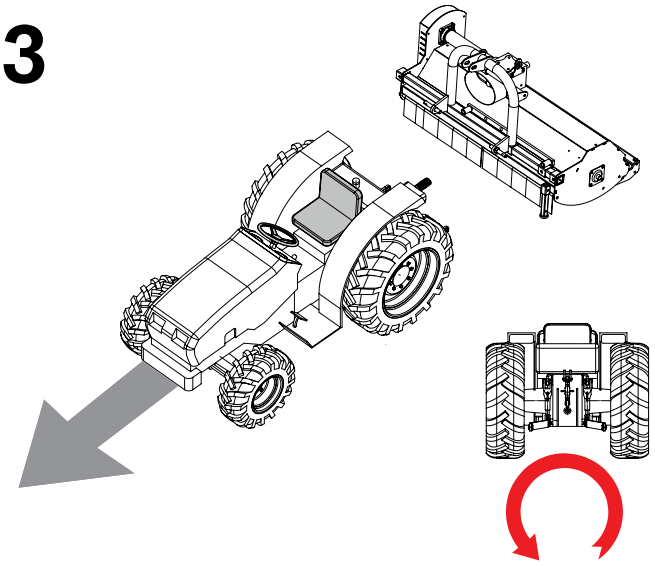


Front machine
Machine frontale
Frontanbau
Macchina frontale

RPM — T/min — U/min — giri/min

540	1000	2000
D	E	F

3

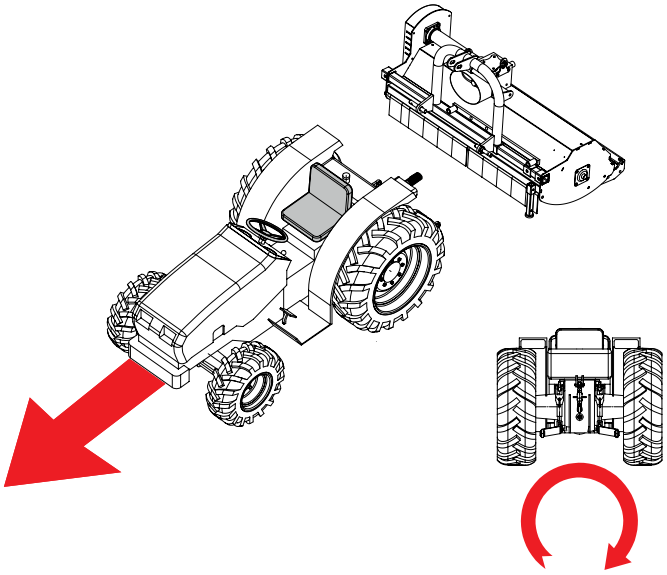


Rear machine
Machine arrière
Heckanbau
Macchina posteriore

RPM – T/min – U/min – giri/min

540	1000	2000
G	H	L

4



Rear machine
Machine arrière
Heckanbau
Macchina posteriore

RPM – T/min – U/min – giri/min

540	1000	2000
M	N	P

Ginger

Mulcher
Broyeur
Mulchgerät
Trinciatrice

HP
12 - 30

kW

9 - 22

rpm

540

cm 3-6 - inch 1-2,5

ENG

Light mulcher suitable for low HP tractors. It is easy to use and ideal for cutting grass and weeds in uncultivated fields.

FRA

Broyeur léger conçu pour tracteurs à faible puissance. Facile à utiliser, il est idéal pour couper l'herbe et les mauvaises herbes dans les champs vagues.

DEU

Leichter Schlegelmulcher, für Traktoren mit geringer Leistung geeignet. Er ist einfach zu bedienen und ideal zum häckslern auf unkultivierten Feldern.

ITA

Trinciatrice leggera adatta a trattori di piccola potenza. È facile da usare e ideale per il taglio di erbacce nei campi incolti.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- ALUMINUM COMER GEARBOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE
- TWO OPTIBELT BELT TRANSMISSION WITH ADJUSTABLE TENSIONER
- ROTOR WITH "Y" BLADES OR HAMMERS
- ADJUSTABLE REAR ROLLER
- UNIVERSAL PTO SHAFT CATEGORY 1 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- BOITIER COMER EN ALUMINIUM 540 T/MIN AVEC ROUE LIBRE INTEGRÉE
- TRANSMISSION PAR DEUX COURROIES OPTIBELT AVEC TENDEUR À VIS RÉGLABLE
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE
- CARDAN STANDARD 1° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- 540 U/MIN COMER ALU-GETRIEBE MIT FREILAUF
- ANTRIEB MIT 2 OPTIBELT KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT Y-MESSERN ODER HAMMERSCHLEGEL
- VERSTELLBARE NACHLAUFWALZE
- STANDARD GELENKWELLE KATEGORIE 1 - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- RIDUTTORE COMER IN ALLUMINIO 540 G/MIN CON RUOTA LIBERA INTEGRATA
- TRASMISSIONE CON DUE CINGHIE OPTIBELT CON TENDITORE A VITE REGISTRABILE
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE
- CARDANO STANDARD 1° CATEGORIA - 700 MM

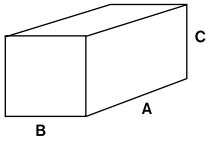
COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Ginger 80	**2C**	**12 - 30**	**80**	*32"*	**98**	*38"*	**24**	**12**	**114**	*250*	
Ginger 96	**2C**	**12 - 30**	**96**	*38"*	**111**	*43"*	**32**	**16**	**121**	*266*	
Ginger 106	**2C**	**12 - 30**	**106**	*42"*	**124**	*48"*	**32**	**16**	**128**	*282*	
Ginger 125	**2C**	**12 - 30**	**125**	*50"*	**137**	*53"*	**40**	**20**	**138**	*304*	
Ginger 145	**2C**	**12 - 30**	**145**	*57"*	**150**	*69"*	**40**	**20**	**150**	*330*	

	Cod.	OPTIONAL		€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Ginger 80 C Ginger 96 C Ginger 106 C Ginger 125 C Ginger 145 C	

	Cod.			€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Ginger 80 M Ginger 96 M Ginger 106 M Ginger 125 M Ginger 145 M	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Ginger 80	**120**	**80**	**75**
Ginger 96	**120**	**80**	**75**
Ginger 106	**120**	**80**	**75**
Ginger 125	**150**	**80**	**75**
Ginger 145	**150**	**80**	**75**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Funny

Mulcher
Broyeur
Mulchgerät
Trinciatrice

HP
12 - 30

kW

10 - 22

rpm

540

cm 5,5-13,5 - inch 2-5

ENG

This mulcher is designed for semi-professional use and works well with low HP tractors as it is light and flexibile. It can be used to cut grass, weeds and small bushes.

FRA

Ce broyeur est indiqué pour des tracteurs avec une petite puissance et pour une utilisation semi professionnelle. Cette machine se caractérise par sa légèrete et son élasticité mais aussi pour sa capacité de couper aussi bien de l'erbe, que des petits arbustes etc. Broyeur facile et intuitif.

DEU

Dieser Schlegelmulcher ist für den semi-professionellen Einsatz konzipiert und passt gut zu Traktoren mit geringen PS da es leicht und elastisch ist. Es kann benutzt werden um Rasen, Gras und kleine Büsche zu mulchen.

ITA

Questa trinciatrice è adatta per trattori di piccola potenza per un utilizzo semi professionale; si caratterizza per la sua elasticità e leggerezza, unita a grande capacità di taglio di erba e piccoli arbusti. Facile, intuitiva e bella.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- ALUMINUM GEARBOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE
- TWO BELT TRANSMISSION WITH ADJUSTABLE TENSIONER
- ROTOR WITH "Y" BLADES OR HAMMERS
- ADJUSTABLE AND EXTENDABLE REAR ROLLER
- UNIVERSAL PTO SHAFT CATEGORY 2 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- BOITIER EN ALUMINIUM 540 T/MIN. AVEC ROUE LIBRE INTEGRÉE
- TRANSMISSION PAR DEUX COURROIES AVEC TENDEUR À VIS RÉGLABLE
- ROTOR À COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE ET EXTENSIBLE
- CARDAN STANDARD 2° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- ALUMINIUM-GETRIEBE 540 U/MIN MIT FREILAUF
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT Y - MESSER ODER HÄMMERSCHLEGEL
- VERSTELLBARE UND VERLÄNGERBARE NACHLAUFWALZE
- STANDARD GELENKWELLE KATEGORIE 2 - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- RIDUTTORE IN ALLUMINIO 540 G/MIN CON RUOTA LIBERA INTEGRATA
- TRASMISSIONE CON DUE CINGHIE CON TENDITORE A VITE REGISTRABILE.
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE ED ESTENSIBILE
- CARDANO STANDARD 2° CATEGORIA - 700 MM

COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Funny 80	**2C**	**12 - 30**	**80**	*32"*	**100**	*40"*	**24**	**12**	**130**	*287*	
Funny 93	**2C**	**12 - 30**	**93**	*36"*	**115**	*46"*	**32**	**16**	**139**	*306*	
Funny 106	**2C**	**12 - 30**	**106**	*42"*	**120**	*48"*	**32**	**16**	**146**	*322*	
Funny 132	**2C**	**12 - 30**	**132**	*52"*	**155**	*62"*	**40**	**20**	**170**	*375*	
Funny 158	**2C**	**12 - 30**	**158**	*62"*	**180**	*72"*	**48**	**24**	**195**	*430*	

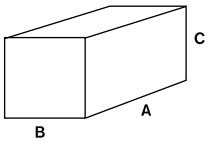
	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Funny 80 C Funny 93 C Funny 106 C Funny 132 C Funny 158 C	

	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Funny 80 M Funny 93 M Funny 106 M Funny 132 M Funny 158 M	

	Cod.		Type	€
	ER	*Extension Kit for rear roller* *Kit rouleau arrière- Grande Ejection* *Hintere Walze Verlängenugs kit* *Kit prolunga rullo posteriore*	Funny 80 Funny 93 Funny 106 Funny 132 Funny 158	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Funny 80	**120**	**80**	**75**
Funny 93	**120**	**80**	**75**
Funny 106	**120**	**80**	**75**
Funny 132	**150**	**80**	**75**
Funny 158	**180**	**80**	**75**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Funny Top

Side shift mulcher
Broyeur déportable
Verschiebbares Mulchgerät
Trinciatrice spostabile

HP
12 - 30

kW

10 - 22

rpm

540

cm 5,5-13,5 - inch 2-5

ENG

This mulcher has side-shift and can work close to or under trees and bushes.
It is designed for semi-professional use and works well with low HP tractors as it is light and flexibile. It can be used to cut grass, weeds and small bushes.

FRA

Ce broyeur est indiqué pour des tracteurs de petite puissance et pour une utilisation semi professionnelle. Le déport manuel latéral permet de passer sous le feuillage des plantations en lignes. Cette machine se caractérise pour sa maniabilité et sa polyvalence à couper herbe, arbustes, etc.

DEU

Dieser Schlegelmulcher kann Seitlich verschoben werden so dass es unter Bäumen oder Büschen arbeiten kann. Es ist für den semi-professionellen Einsatz konzipiert und passt gut zu Traktoren mit geringen PS da es leicht und elastisch ist. Es kann benutzt werden um Rasen, Gras und kleine Büsche zu mulchen.

ITA

Trinciatrice indicata per piccole potenze per un utilizzo semi professionale; lo spostamento laterale consente di entrare sotto la chioma di piante e frutteti. Si caratterizza per la sua elasticità unita alla capacità di taglio di erba e piccoli arbusti.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- ALUMINUM GEARBOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE
- TWO BELT TRANSMISSION WITH ADJUSTABLE TENSIONER
- ROTOR WITH "Y" BLADES OR HAMMERS
- ADJUSTABLE AND EXTENDABLE REAR ROLLER
- UNIVERSAL PTO SHAFT CATEGORY 2 - 1000 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- BOITIER EN ALUMINIUM 540 T/MIN AVEC ROUE LIBRE INTEGRÉE
- TRANSMISSION PAR DEUX COURROIES AVEC TENDEUR À VIS RÉGLABLE
- ROTOR À COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE ET EXTENSIBLE
- CARDAN STANDARD 2° CATÉGORIE - 1000 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- ALUMINIUM-GETRIEBE 540 U/MIN MIT FREILAUF
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT Y - MESSER ODER HÄMMERSCHLEGEL
- VERSTELLBARE UND VERLÄNGERBARE NACHLAUFWALZE
- STANDARD GELENKWELLE KATEGORIE 2 - 1000 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- RIDUTTORE IN ALLUMINIO 540 G/MIN CON RUOTA LIBERA INTEGRATA
- TRASMISSIONE CON DUE CINGHIE CON TENDITORE A VITE REGISTRABILE
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE ED ESTENSIBILE
- CARDANO STANDARD 2° CATEGORIA - 1000 MM

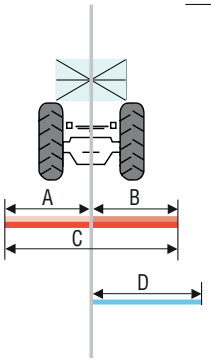
COD-MOD	n.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Funny Top 80	**2C**	**12 - 30**	**80**	*32"*	**100**	*40"*	**24**	**12**	**142**	*313*	
Funny Top 93	**2C**	**12 - 30**	**93**	*36"*	**115**	*46"*	**32**	**16**	**149**	*328*	
Funny Top 106	**2C**	**12 - 30**	**106**	*42"*	**120**	*48"*	**32**	**16**	**156**	*344*	
Funny Top 132	**2C**	**12 - 30**	**132**	*52"*	**155**	*62"*	**40**	**20**	**170**	*375*	
Funny Top 158	**2C**	**12 - 30**	**158**	*62"*	**180**	*72"*	**48**	**24**	**196**	*432*	

Cod.	OPTIONAL	Type	€
C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Funny Top 80 C Funny Top 93 C Funny Top 106 C Funny Top 132 C Funny Top 158 C	

Cod.		Type	€
M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Funny Top 80 M Funny Top 93 M Funny Top 106 M Funny Top 132 M Funny Top 158 M	

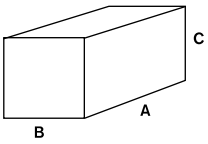
Cod.		Type	€
ER	*Extension Kit for rear roller* *Kit rouleau arrière- Grande Ejection* *Hintere Walze Verlängenugs kit* *Kit prolunga rullo posteriore*	Funny Top 80 Funny Top 93 Funny Top 106 Funny Top 132 Funny Top 158	

cm	80	106	132	158
A	57	57	69	87
B	30	56	69	82
C	87	113	138	169
D	70	96	109	122



DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Funny Top 80	**120**	**80**	**75**
Funny Top 93	**120**	**80**	**75**
Funny Top 106	**120**	**80**	**75**
Funny Top 132	**150**	**80**	**75**
Funny Top 158	**180**	**80**	**75**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Disco

Reversible mulcher
Broyeur reversible
Reversibles Mulchgerät
Trinciatrice reversibile

HP

12 - 40

kW

9 - 30

rpm

540

cm 2-11 - inch 1-4

ENG

Light mulcher suitable for low HP tractors. Its large mulching chamber facilitates the mulching for a professional job.

FRA

Broyeur de branche étudié pour une utilisation semi-professionnel.
Il assure un travail sur et efficace.

DEU

Für den semi-professionellen Einsatz geeignet. Er Garantiert sichere und effektive Häckselarbeiten.

ITA

Trinciatrice leggera adatta a trattori di piccola potenza. La sua grande cassa trinciante le consente una lavorazione professionale.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- ALUMINUM GEARBOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE
- TWO BELT TRANSMISSION WITH ADJUSTABLE TENSIONER
- COUNTERBLADE DEVICE
- ROTOR WITH "Y" BLADES OR HAMMERS
- ADJUSTABLE AND EXTENDABLE REAR ROLLER
- UNIVERSAL PTO SHAFT CATEGORY 2 - 700 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- BOITIER EN ALUMINIUM 540 T/MIN AVEC ROUE LIBRE INTEGRÉE
- TRANSMISSION PAR DEUX COURROIES AVEC TENDEUR À VIS RÉGLABLE
- CONTRE-COUTEAUX DE SÉRIE
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE ET EXTENSIBLE
- CARDAN STANDARD 2° CATÉGORIE - 700 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- 540 U/MIN ALU-GETRIEBE MIT FREILAUF
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- GEGEN-MESSER DISPOSITIV ALS SERIENAUSSTATTUNG
- ROTOR MIT Y-MESSERN ODER HAMMERSCHLEGEL
- VERSTELLBARE UND VERLÄNGERBARE NACHLAUFWALZE
- STANDARD GELENKWELLE KATEGORIE 2 - 700 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- RIDUTTORE IN ALLUMINIO 540 G/MIN CON RUOTA LIBERA INTEGRATA
- TRASMISSIONE CON DUE CINGHIE CON TENDITORE A VITE REGISTRABILE
- DISPOSITIVO CONTRO COLTELLI DI SERIE
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE ED ESTENSIBILE
- CARDANO STANDARD 2° CATEGORIA - 700 MM

COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Disco 96	**2C**	**12 - 40**	**93**	*36"*	**107**	*42"*	**32**	**16**	**150**	*330*	
Disco 115	**2C**	**12 - 40**	**106**	*42"*	**120**	*47"*	**32**	**16**	**160**	*353*	
Disco 125	**2C**	**12 - 40**	**119**	*47"*	**133**	*52"*	**40**	**20**	**175**	*386*	
Disco 145	**2C**	**12 - 40**	**132**	*52"*	**146**	*58"*	**40**	**20**	**195**	*430*	
Disco 165	**2C**	**12 - 40**	**158**	*62"*	**172**	*68"*	**48**	**24**	**235**	*518*	

	Cod.	OPTIONAL		€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Disco 96 C Disco 115 C Disco 125 C Disco 145 C Disco 165 C	

	Cod.			€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Disco 96 M Disco 115 M Disco 125 M Disco 145 M Disco 165 M	

	Cod.			€
	S	*Skid Kit for heavy wear situations* *Surpatins Lateraux* *Zusätzlicher Kufen Kit* *Kit pattini di usura supplementari*		

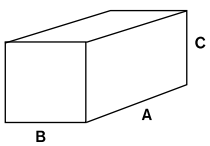
	Cod.		Type	€
	FONT	*Cast iron gear box* *Boitier en fonte* *Gusseisenes Getriebe* *Moltiplicatore in ghisa*	Disco 96 Disco 115 Disco 125 Disco 145 Disco 165	

	Cod.		Type	€
	FONT 1000	*Gear box 1000 RPM* *Boitier pour PDF à 1000* *Getriebe mit 1000* *Riduttori per PDF a 1000*		

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Disco 96	**120**	**80**	**85**
Disco 115	**130**	**80**	**85**
Disco 125	**150**	**80**	**85**

Type	A (cm)	B (cm)	C (cm)
Disco 145	**160**	**80**	**85**
Disco 165	**190**	**80**	**85**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Disco Top

Side shift mulcher
Broyeur déportable
Verschiebbares Mulchgerät
Trinciatrice spostabile

HP

12 - 40

kW

9 - 30

rpm

540

cm 2-11 - inch 1-4

ENG

This mulcher has side-shift and can work close to or under trees and bushes. Light mulcher suitable for low HP tractors. Its large mulching chamber facilitates the mulching for a professional job.

STANDARD FEATURES

- 3 POINT HITCH CATEGORY 1 WITH MECHANICAL SIDE SHIFT
- ALUMINUM GEARBOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE
- TWO BELT TRANSMISSION WITH ADJUSTABLE TENSIONER
- COUNTERBLADE DEVICE
- ROTOR WITH "Y" BLADES OR HAMMERS
- ADJUSTABLE AND EXTENDABLE REAR ROLLER
- UNIVERSAL PTO SHAFT CATEGORY 2 - 1000 MM

FRA

Broyeur de branche étudié pour une utilisation semi-professionnel. Il assure un travail sur et efficace. Le déport manuel latéral permet de passer sous le feuillage des plantations en lignes.

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE DÉPORTABLE MÉCANIQUE
- BOITIER EN ALUMINIUM 540 T/MIN AVEC ROUE LIBRE INTEGRÉE
- TRANSMISSION PAR DEUX COURROIES AVEC TENDEUR À VIS RÉGLABLE
- CONTRE-COUTEAUX DE SÉRIE
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE ET EXTENSIBLE
- CARDAN STANDARD 2° CATÉGORIE - 1000 MM

DEU

Der Disco Top kann mecanisch seitlich verschoben werden, ist für den semi-professionellen Einsatz geeignet. Er Garantiert sichere und effektive Häckselarbeiten.

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 MECHANISCH
- 540 U/MIN ALU-GETRIEBE MIT FREILAUF
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- GEGEN-MESSER DISPOSITIV ALS SERIENAUSSTATTUNG
- ROTOR MIT Y-MESSERN ODER HAMMERSCHLEGEL
- VERSTELLBARE UND VERLÄNGERBARE NACHLAUFWALZE
- STANDARD GELENKWELLE KATEGORIE 2 - 1000 MM

ITA

Trinciatrice leggera adatta a trattori di piccola potenza. La sua grande cassa trinciante le consente una lavorazione professionale. Lo spostamento laterale consente di entrare sotto la chioma di piante e frutteti.

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA CON SPOSTAMENTO MECCANICO
- RIDUTTORE IN ALLUMINIO 540 G/MIN CON RUOTA LIBERA INTEGRATA
- TRASMISSIONE CON DUE CINGHIE CON TENDITORE A VITE REGISTRABILE
- DISPOSITIVO CONTRO COLTELLI DI SERIE
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE ED ESTENSIBILE
- CARDANO STANDARD 2° CATEGORIA - 1000 MM

COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs
Disco Top 96	**2C**	**12 - 40**	**93**	*36"*	**107**	*42"*	**32**	**16**	**150**	*330*
Disco Top 115	**2C**	**12 - 40**	**106**	*42"*	**120**	*47"*	**32**	**16**	**160**	*353*
Disco Top 125	**2C**	**12 - 40**	**119**	*47"*	**133**	*52"*	**40**	**20**	**175**	*386*
Disco Top 145	**2C**	**12 - 40**	**132**	*52"*	**146**	*58"*	**40**	**20**	**195**	*430*
Disco Top 165	**2C**	**12 - 40**	**158**	*62"*	**172**	*68"*	**48**	**24**	**235**	*518*

Cod.	OPTIONAL	
C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Disco Top 96 C Disco Top 115 C Disco Top 125 C Disco Top 145 C Disco Top 165 C
M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Disco Top 96 M Disco Top 115 M Disco Top 125 M Disco Top 145 M Disco Top 165 M
S	*Skid Kit for heavy wear situations* *Surpatins Lateraux* *Zusätzlicher Kufen Kit* *Kit pattini di usura supplementari*	

Cod.		Type
FONT	*Cast iron gear box* *Boitier en fonte* *Gusseisenes Getriebe* *Moltiplicatore in ghisa*	Disco Top 96 Disco Top 115 Disco Top 125 Disco Top 145 Disco Top 165
H	*Hydraulic kit for side-shift* *Dispositif de déport hydraulique du troisième point* *Hydraulische Verschiebung* *Dispositivo di spostamento idraulico dell'attacco a tre punti*	

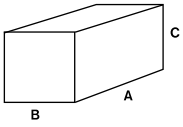
DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

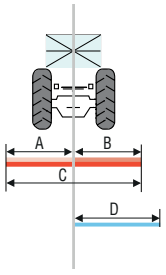
Type	A (cm)	B (cm)	C (cm)
Disco Top 96	**120**	**80**	**85**
Disco Top 115	**130**	**80**	**85**
Disco Top 125	**150**	**80**	**85**
Disco Top 145	**160**	**80**	**85**
Disco Top 165	**190**	**80**	**85**

cm	96	115	125	145	165
A	62	69	75	82	82
B	40	55	62	68	94
C	110	124	137	150	176
D	79	86	93	99	124

PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola





Centurion

Side shift mulcher
Broyeur déportable
Verschiebbares Mulchgerät
Trinciatrice spostabile

HP

15 - 50

kW

12 - 40

rpm

540

cm 1-9 - inch 0,5-4

ENG

A practical, multipurpose flail mower with manual or optional hydraulic side shift for professional farmers. The power transmission system is the best available and is suitable for tractors up to 50 HP. The quality, performance and price are outstanding.

FRA

Polyvalent et pratique pour l'utilisateur professionnel, cette machine offre au client une technologie la plus avancée par rapport à ce qui existe aujourd'hui. Cette machine peut équiper des tracteurs d'une puissance de 50 HP maximum. Produit sûr et avec un excellent rapport qualité-prix.

DEU

Ein praktischer, vielseitiger Schlegelmulcher mit Mechanischer oder Hydrauscher (Option) Seitenverschiebung. Das Getriebe ist technisch auf den letzen Stand und ist für Traktoren bis 50 PS geeignet. Der Preis/Leistungs Verhältnis und die Qualität sind ausserordentlich.

ITA

Polivalente e pratico per l'agricoltore professionista, racchiude nei suoi cinematismi quanto di meglio possa offrire la più recente tecnologia delle trasmissioni. Può essere applicata a trattori di potenza fino a 50 HP. Affidabile, di qualità ed economico.

STANDARD FEATURES

- 3 POINT HITCH CATEGORY 1 WITH MECHANICAL SIDE SHIFT (OR HYDRAULIC OPTIONAL)
- CAST IRON GEAR BOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE AND PASS-THROUGH SHAFT
- 2 BELT DRIVE TRANSMISSION WITH SCREW ADJUSTABLE TENSIONER (STANDARD), 3 BELT DRIVE TRANSMISSION (OPTIONAL)
- ROTOR WITH BLADES OR HAMMERS
- ADJUSTABLE REAR ROLLER
- UNIVERSAL PTO SHAFT CATEGORY 4 - 900 MM
- SIDE SHIFT: 106 = 200 MM; 132 – 158 = 280 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE DÉPORTABLE MÉCANIQUE (OU HYDRAULIQUE OPTIONNEL)
- BOITIER EN FONTE 540 T/MIN AVEC ROUE LIBRE INTEGRÉE ET ARBRE PASSANT
- TRANSMISSION PAR 2 COURROIES VENTILÉES PAR TENDEUR À VIS RÉGLABLE (DE SÉRIE), 3 COURROIES (OPTION)
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE
- CARDAN STANDARD 4° CATÉGORIE - 900 MM
- DEPORT LATERALE: 106 = 200 MM; 132 - 158 = 280 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 MECHANISCH (ODER HYDRAULISCH) VERSCHIEBBAR
- GUSSEISENES GETRIEBE 540 U/MIN MIT FREILAUF UND DOPPELTE EINGANGSWELLE
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER, 3 KEILRIEMEN (OPTION)
- ROTOR MIT Y-MESSER ODER HAMMERSCHLEGEL
- VERSTELLBARE HINTERE NACHLAUFWALZE
- STANDARD GELENKWELLE KATEGORIE 4 - 900 MM
- VERSCHIEBUNG: 106 = 200 MM; 132 – 158 = 280 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA CON SPOSTAMENTO MECCANICO (O IDRAULICO OPZIONALE)
- RIDUTTORE IN GHISA 540 G/MIN CON RUOTA LIBERA INTEGRATA E ALBERO PASSANTE
- TRASMISSIONE A 2 CINGHIE VENTILATE CON TENDITORE A VITE REGISTRABILE (DI SERIE), 3 CINGHIE IN OPZIONE
- ROTORE A COLTELLI O A MAZZE
- RULLO POSTERIORE REGOLABILE
- CARDANO STANDARD 4° CATEGORIA - 900 MM
- SPOSTAMENTO LATERALE: 106 = 200 MM; 132 – 158 = 280 MM

COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Centurion 106	**2C**	**15 - 50**	**106**	*42"*	**125**	*50"*	**32**	**16**	**218**	*481*	
Centurion 132	**2C**	**15 - 50**	**132**	*52"*	**150**	*60"*	**40**	**20**	**257**	*567*	
Centurion 158	**2C**	**15 - 50**	**158**	*62"*	**180**	*72"*	**48**	**24**	**285**	*628*	
Centurion 186	**3C**	**15 - 50**	**186**	*73"*	**206**	*81"*	**56**	**28**	**349**	*769*	

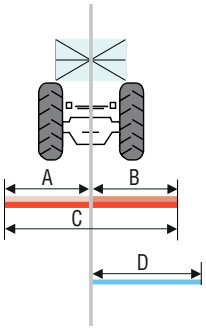
	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Centurion 106 C Centurion 132 C Centurion 158 C Centurion 186 C	

	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Centurion 106 M Centurion 132 M Centurion 158 M Centurion 186 C	

Cod.			€
H	*Hydraulic kit for side-shift* *Dispositif de déport hydraulique du troisième point* *Hydraulische Verschiebung* *Dispositivo di spostamento idraulico dell'attacco a tre punti*		

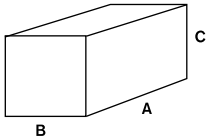
Cod.			€
3C	*3 belt kit* *Kit 3 courroies* *3 Riemen Kit* *Kit 3 cinghie*		

cm	106	132	158	186
A	56	69	82	95
B	56	69	82	95
C	112	138	164	190
D	76	97	110	123



DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Centurion 106	**125**	**85**	**95**
Centurion 132	**155**	**85**	**95**
Centurion 158	**185**	**85**	**95**
Centurion 186	**205**	**85**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Flipper

Reversible mulcher
Broyeur reversible
Reversibles Mulchgerät
Trinciatrice reversibile

HP
15 - 70

kW

12 - 50

rpm

540 / 1000 / 2000

cm 1,5-10 - inch 0,5-4

ENG

Every company has some fixed points that define its success and the FLIPPER is one of them. It is one of the best selling models thanks to its design, reliability and practicality (it can be easily changed from rear to front mount). It is suitable for tractors of up to 70 HP.

FRA

Notre entreprise presèrve avec conviction les points forts qui en determinent son succès. Cette machine est un des modèles le plus vendu grâce au design et à sa simplicité d'utilisation. Cette machine peut être utilisée avec des tracteurs de dimensions moyennes et d'une puissance allant jusqu'à 70 HP.

DEU

Jedes Unternehmen hat einige Eckpunkte die seinen Erfolg definieren und der FLIPPER ist einer davon. Es ist einer der meist verkaufte Maschinen dank sein Konzept, Zuverlässigkeit und Vielseitigkeit (es kann ohne viel Mühe vom Heck- auf Frontanbau umgebaut werden). Es ist für Traktoren bis 70 PS geeignet.

ITA

Ogni azienda conserva con chiarezza alcuni punti fissi che ne hanno determinato il successo, il FLIPPER è uno dei modelli più venduti, grazie al suo design e praticità di utilizzo. Può essere applicato a trattori di medie dimensioni fino a 70 CV.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 AND 2, REVERSIBLE
- CAST IRON GEARBOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE AND PASS THROUGH SHAFT
- STANDARD 3 BELT DRIVE TRANSMISSION WITH SCREW ADJUSTABLE TENSIONER
- ROTOR WITH "Y" BLADES OR HAMMERS
- ADJUSTABLE REAR ROLLER
- ADJUSTABLE SKIDS
- MOUNTING POINTS FOR SIDE SHIFT
- UNIVERSAL PTO SHAFT CATEGORY 4 - 900 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE , RÉVERSIBLE
- BOITIER EN FONTE 540 T/MIN AVEC ROUE LIBRE INTEGRÉE ET ARBRE PASSANT
- TRANSMISSION PAR 3 COURROIES VENTILÉES AVEC TENDEUR À VIS RÉGLABLE DE SÉRIE
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE
- PATINS RÉGLABLES
- PRÉDISPOSÉ POUR KIT DE MONTAGE DÉPLACEMENT LATÉRAL
- CARDAN STANDARD 4° CATÉGORIE - 900 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2, REVERSIBLEN
- GUSSEISENES GETRIEBE 540 U/ MIN MIT FREILAUF UND DOPPELTE EINGANGSWELLE
- ANTRIEB MIT 3 KEILRIEMEN
- ROTOR MIT Y-MESSER ODER HAMMERSCHLEGEL
- VERSTELLBARE HINTERE NACHLAUFWALZE
- VERSTELLBARE KUFEN
- KIT ANSCHLÜSS FÜR SEITENVERSCHIEBUNG
- STANDARD GELENKWELLE KATEGORIE 4 - 900 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° E 2° CATEGORIA REVERSIBILE
- RIDUTTORE IN GHISA 540 G/MIN CON RUOTA LIBERA INTEGRATA E ALBERO PASSANTE
- TRASMISSIONE A 3 CINGHIE CON TENDITORE A VITE REGISTRABILE DI SERIE
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE
- SLITTE REGOLABILI
- PREDISPOSTO PER MONTAGGIO KIT SPOSTAMENTO LATERALE
- CARDANO STANDARD 4° CATEGORIA - 900 MM

COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Flipper 80	**2C**	**15 - 70**	**80**	*32"*	**100**	*40"*	**24**	**12**	**176**	*388*	
Flipper 106	**2C**	**15 - 70**	**106**	*42"*	**130**	*52"*	**32**	**16**	**200**	*441*	
Flipper 132	**3C**	**15 - 70**	**132**	*50"*	**155**	*62"*	**40**	**20**	**255**	*562*	
Flipper 158	**3C**	**15 - 70**	**158**	*62"*	**180**	*72"*	**48**	**24**	**288**	*635*	
Flipper 186	**3C**	**15 - 70**	**186**	*72"*	**205**	*82"*	**56**	**28**	**324**	*714*	
Flipper 214	**3C**	**15 - 70**	**214**	*85"*	**230**	*92"*	**64**	**32**	**438**	*966*	

	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Flipper 80 C Flipper 106 C Flipper 132 C Flipper 158 C Flipper 186 C Flipper 214 C	

	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Flipper 80 M Flipper 106 M Flipper 132 M Flipper 158 M Flipper 186 M Flipper 214 M	

	Cod.		Type	€
	H	*Hydraulic kit for side-shift* *Dispositif de déport hydraulique du troisième point* *Hydraulische Verschiebung* *Dispositivo di spostamento idraulico dell'attacco a tre punti*	Flipper 106 H Flipper 132 H Flipper 158 H Flipper 186 H Flipper 214 H	

	Cod.		Type	€
	V	*Side shift by screw* *Dispositif de déport par vis du troisième point* *Spindelverschiebung* *Dispositivo di spostamento a vite dell'attacco a tre punti*	Flipper 106 Flipper 132 Flipper 158 Flipper 186 Flipper 214	

	Cod.			€
	R1 **R2**	*Gear box 1000 RPM or 2000 RPM* *Boitier pour PDF à 1000/2000 tours* *Getriebe mit 1000 oder 2000 U/min* *Riduttori per PDF a 1000 o 2000 RPM*	1.000 rpm 2.000 rpm	

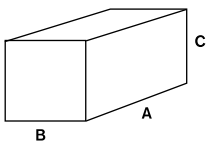
DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Flipper 80	**120**	**85**	**95**
Flipper 106	**125**	**85**	**95**
Flipper 132	**155**	**85**	**95**

Type	A (cm)	B (cm)	C (cm)
Flipper 158	**185**	**85**	**95**
Flipper 186	**205**	**85**	**95**
Flipper 214	**235**	**85**	**95**

PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola



Farm

Reversible mulcher
Broyeur reversible
Reversibles Mulchgerät
Trinciatrice reversibile

HP

50 - 80

kW

40 - 60

rpm

540 / 1000 / 2000

cm 2,5-5,5 - inch 1-2

ENG

A professional mulcher for demanding farmers with 3-belt drive and suitable for medium to high horse power tractors. Multipurpose with side shift and reversible mounting.

FRA

Machine professionnelle indiquée pour les agriculteurs exigeantes, avec 3 courroies de transmission, elle est destineé aux tracteurs de moyennes et grandes puissances. Etant rèversible et deportable elle est dotée d'une grande polyvalence.

DEU

Ein professioneller Schlegelmulcher für den anspruchsvollen Bauern mit 3 Keilriemen und für Traktoren von mittel bis hohe PS geeignet. Vielseitig mit Seitenverschiebung und reversiblen Anbau.

ITA

Macchina professionale che si rivolge ad agricoltori e contoterzisti esigenti, è adatta ad un trattore di medie potenze, reversibile e spostabile: per posizioni a vite o idraulica.

STANDARD FEATURES

- REVERSIBLE, SIDE SHIFT 3 POINT HITCH, CATEGORY 1
- CAST IRON GEAR BOX WITH INTEGRATED FREE WHEEL DEVICE AND PASS THROUGHT SHAFT
- 3 BELT TRANSMISSION, VENTILATED WITH ADJUSTABLE TENSIONER
- ROTOR WITH HAMMERS OR BLADES
- ADJUSTABLE REAR ROLLER
- ADJUSTABLE SKIDS
- UNIVERSAL PTO SHAFT CATEGORY 5 - 900 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS, 1° CATÉGORIE, RÉVERSIBLE ET DEPORTABLE
- BOITIER EN FONTE 540 T/MIN AVEC ROUE LIBRE INTEGRÉE ET ARBRE PASSANT
- TRANSMISSION PAR 3 COURROIES AVEC TENDEUR À VIS RÉGLABLE
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE
- PATINS RÉGLABLES
- CARDAN STANDARD 5° CATÉGORIE - 900 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK KATEGORIE 1 SEITEN VERSCHIEBBAR UND REVERSIBEL
- GUSSEISENES GETRIEBE 540 U/MIN MIT FREILAUF UND DOPPELTE EINGANGSWELLE
- ANTRIEB MIT 3 KEILRIEMEN MIT LÜFTUNG UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT Y-MESSERN ODER HAMMERSCHLEGEL
- VERSTELLBARE NACHLAUFWALZE
- VERSTELLBARE KUFEN
- STANDARD GELENKWELLE KATEGORIE 5 - 900 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA REVERSIBILE E SPOSTABILE
- RIDUTTORE IN GHISA 540 G/MIN CON RUOTA LIBERA INTEGRATA E ALBERO PASSANTE
- TRASMISSIONE CON 3 CINGHIE CON TENDITORE A VITE REGISTRABILE
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE
- SLITTE REGOLABILI
- CARDANO STANDARD 5° CATEGORIA - 900 MM

COD-MOD	n.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Farm 158	**3C**	**50 - 80**	**158**	*62"*	**185**	*74"*	**48**	**24**	**405**	*893*	
Farm 186	**3C**	**50 - 80**	**186**	*72"*	**210**	*84"*	**56**	**28**	**442**	*974*	
Farm 214	**3C**	**50 - 80**	**214**	*85"*	**235**	*94"*	**64**	**32**	**499**	*1100*	

	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mitY-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Farm 158 C Farm 186 C Farm 214 C	

	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Farm 158 M Farm 186 M Farm 214 M	

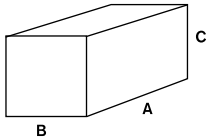
	Cod.			€
	H	*Hydraulic kit for side-shift* *Dispositif de déport hydraulique du troisième point* *Hydraulische Verschiebung* *Dispositivo di spostamento idraulico dell'attacco a tre punti*		

	Cod.			€
	V	*Side shift by screw* *Dispositif de déport par vis du troisième point* *Spindelverschiebung* *Dispositivo di spostamento a vite dell'attacco a tre punti*		

	Cod.			€
	R1 **R2**	*Gear box 1000 RPM or 2000 RPM* *Boitier pour PDF à 1000/2000 tours* *Getriebe mit 1000 oder 2000 U/min* *Riduttori per PDF a 1000 o 2000 RPM*	1.000 rpm 2.000 rpm	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Farm 158	**185**	**85**	**95**
Farm 186	**205**	**85**	**95**
Farm 214	**235**	**85**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Levante

Reversible mulcher
Broyeur reversible
Reversibles Mulchgerät
Trinciatrice reversibile

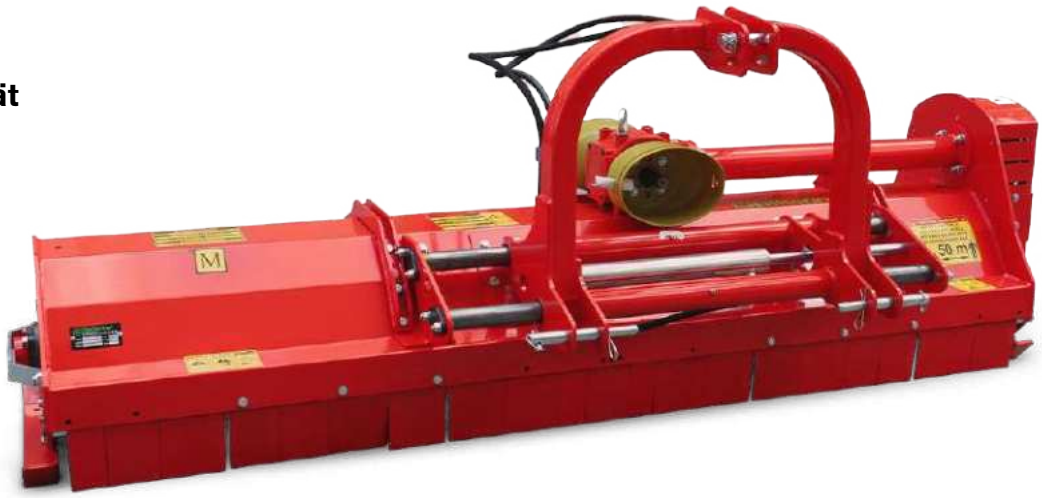
HP
50 - 120

kW

37 - 89

rpm

540 / 1000



ENG

The mulcher LEVANTE range is suitable to a heavy duty use on hard and uncultivated soils for professional users. Its honeycomb structure with high thickness allows to cut bushes, prunings of big diameter getting excellent results.

FRA

La gamme de broyeurs LEVANTE a été étudiée pour des opérateurs professionels, pour une utilisation intensive de terrains vagues et difficiles. Sa structure alvéolaire à grand épaisseur, lui permet de broyer gros buissons, élagages, sarments, pour des résultats exceptionnels.

DEU

Die Familie der Mulchgeräte LEVANTE wendet sich an professionelle Betreiber für den intensiven Einsatz in schwierigen und unkultivierten Gelände. Seine Wabenstruktur mit großer Stärke, erlaubt ihm Sträucher-Beschneidungen-Ranken von große Dicke zu beschneiden, zur Erhaltung von großen Produktionsergebnissen.

ITA

La famiglia di trinciatrici LEVANTE è rivolta ad operatori professionali per un utilizzo intensivo su terreni difficili ed incolti. La sua struttura alveolare a grande spessore gli consente di aggredire cespugli, potature, sarmenti anche di grosso calibro ottenendo grandi risultati produttivi.

STANDARD FEATURES

- REVERSIBLE FRAME FOR FRONT OR REAR MOUNTING; FIXED OR HYDRAULIC SIDE SHIFT 3 POINT HITCH
- DUAL PTO SPEEDS: 540 AND 1000 RPM
- COUNTERBLADE DEVICE
- TRANSMISSION BY 4 HEAVY-DUTY BELTS
- HIGH THICKNESS SIDES (10 MM)
- WIDE DISCHARGE AREA
- ADJUSTABLE REAR LEVELLING ROLLER Ø 160 MM
- SKIDS KIT
- UNIVERSAL PTO SHAFT CATEGORY 6 - 1200 MM SITUATIONS

CARACTÉRISTIQUES STANDARD

- CONFIGURABLE DE SÉRIE EN 4 VARIABLES D'ATTELAGE : ARRIÈRE, FRONTALE, FIXE OU AVEC DÉPORT HYDRAULIQUE
- CONFIGURABLE DE SÉRIE: 540 ET 1000 T/MIN
- CONTRE-COUTEAUX DE SÉRIE
- TRANSMISSION À 4 COURROIES
- CÔTÉS CHÂSSIS GRAND ÉPAISSEUR (10MM)
- GRANDE SURFACE DE DÉCHARGE, EXTENSIBLE
- KIT ROULEAU ARRIÈRE REGLABLE Ø160 MM
- KIT SURPATINS LATERAUX
- CARDAN STANDARD 6° CATÉGORIE - 1200 MM

STANDARD EIGENSCHAFTEN

- SERIEN KONFIGURIERBAR IN 4 ANBAU OPTIONEN: FRONT- ODER HECKANBAU, FEST ODER HYDRAULISCH VERSCHIEBBAR
- SERIEN KONFIGURIERBAR: 540 UND 1000 U/MIN
- 4 RIEMEN ANTRIEB
- GEGEN-MESSER
- BREITES GESTELL AN DEN SEITEN (10MM)
- GROSSER ENTLASTUNG BEREICH, ERWEITERBAR
- VERSTELLBARE HINTERE NACHLAUFWALZE Ø 160 MM
- ZUSÄTZLICHER KUFEN KIT
- STANDARD GELENKWELLE KATEGORIE 6 - 1200 MM

CARATTERISTICHE STANDARD

- CONFIGURABILE DI SERIE IN 4 VARIABILI DI ATTACCO: ANTERIORE, POSTERIORE, FISSO O SPOSTABILE IDRAULICAMENTE
- CONFIGURABILE DI SERIE: 540 E 1000 GIRI/MIN.
- TRASMISSIONE CON 4 CINGHIE
- DISPOSITIVO CONTRO COLTELLI DI SERIE
- FIANCHI TELAIO DI GRANDE SPESSORE (10MM)
- AMPIA AREA DI SCARICO, ESPANDIBILE
- KIT RULLO POSTERIORE REGOLABILE, 160 MM DI DIAMETRO
- KIT PATTINI DI USURA SUPPLEMENTARI
- CARDANO STANDARD 6° CATEGORIA - 1200 MM

FIXED VERSION - VERSION FIXE - FESTE VERSION - VERSIONE FISSA

COD-MOD	n.	hp	cm	in	cm	in	cm	in	n.	n.	cm	in	kg	lbs	€
LEV 140 F	**4C**	**50 - 120**	**140**	**55**	**70**	**28**	**70**	**28**	**20**	**40**	**2-11**	**1-4**	*450*	*992*	
LEV 160 F	**4C**	**50 - 120**	**160**	**64**	**71**	**28**	**95**	**38**	**24**	**48**	**2-11**	**1-4**	*475*	*1047*	
LEV 190 F	**4C**	**50 - 120**	**188**	**75**	**75**	**30**	**117**	**47**	**28**	**56**	**2-11**	**1-4**	*502*	*1107*	
LEV 220 F	**4C**	**50 - 120**	**216**	**86**	**88**	**35**	**130**	**52**	**32**	**64**	**2-11**	**1-4**	*539*	*1188*	
LEV 250 F	**4C**	**80 - 120**	**245**	**98**	**101**	**40**	**143**	**57**	**36**	**72**	**2-11**	**1-4**	*600*	*1323*	

SIDE SHIFT VERSION - DEPORT LATERALE - VERSCHIBBARE VERSION - VERSIONE SPOSTABILE

COD-MOD	n.	hp	cm	in	cm	in	cm	in	cm	in	cm	in	n.	n.	cm	in	kg	lbs	€
LEV 140 H	**4C**	**50 - 120**	**140**	**55**	**70**	**28**	**70**	**28**	**30**	**12**	**90**	**35**	**20**	**40**	**2-11**	**1-4**	*490*	*1080*	
LEV 160 H	**4C**	**50 - 120**	**160**	**64**	**83**	**33**	**83**	**34**	**43**	**17**	**123**	**48**	**24**	**48**	**2-11**	**1-4**	*524*	*1155*	
LEV 190 H	**4C**	**50 - 120**	**186**	**75**	**96**	**38**	**96**	**38**	**56**	**22**	**136**	**54**	**28**	**56**	**2-11**	**1-4**	*565*	*1246*	
LEV 220 H	**4C**	**50 - 120**	**216**	**86**	**109**	**44**	**109**	**44**	**69**	**28**	**149**	**60**	**32**	**64**	**2-11**	**1-4**	*600*	*1323*	
LEV 250 H	**4C**	**50 - 120**	**245**	**98**	**122**	**49**	**122**	**49**	**82**	**33**	**162**	**81**	**36**	**72**	**2-11**	**1-4**	*661*	*1457*	

	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Levante 140 C Levante 160 C Levante 190 C Levante 220 C Levante 250 C	

	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Levante 140 M Levante 160 M Levante 190 M Levante 220 M Levante 250 M	

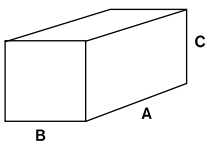
	Cod.	*OPTIONAL*		€
	TEND 1000	*Belt tensioner for change-over from 540 rpm to 1000 rpm* *Tendeur version 1000 t/min* *Riemenspanner Version 1000 U/min* *Tendicinghia: Trasformazione da 540 g/min a 1000 g/min*		

	Cod.			€
	H	*Hydraulic kit for side-shift* *Dispositif de déport hydraulique du troisième point* *Hydraulische Verschiebung* *Dispositivo di spostamento idraulico dell'attacco a tre punti*		

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Levante 140	**170**	**120**	**95**
Levante 160	**190**	**120**	**95**
Levante 190	**220**	**120**	**95**

Type	A (cm)	B (cm)	C (cm)
Levante 220	**250**	**120**	**95**
Levante 250	**280**	**120**	**95**

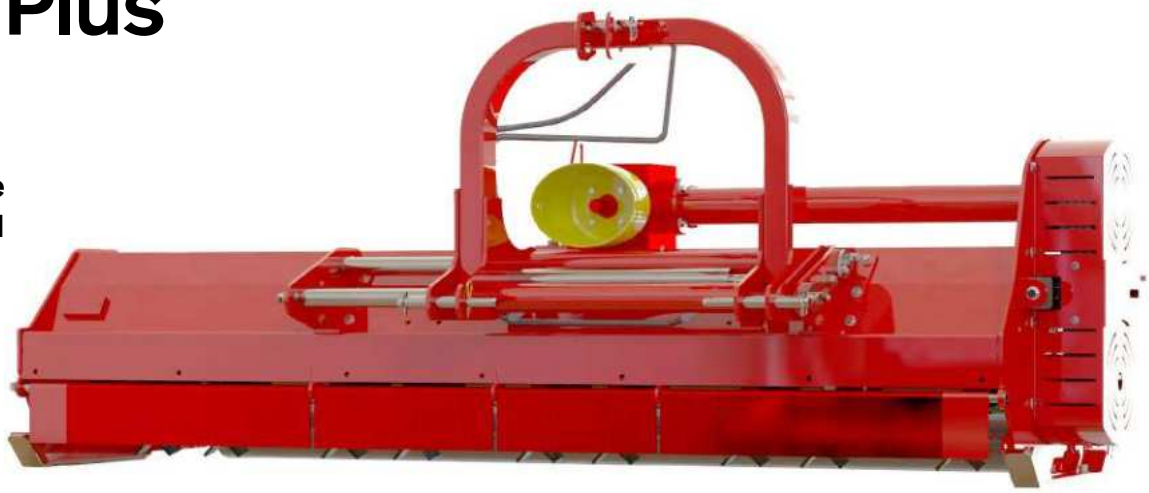


PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Levante Plus

Reversible mulcher
Broyeur reversible
Reversibles Mulchge
Trinciatrice reversibil



HP
80 - 120

kW

60 - 89

rpm

540 / 1000

ENG

The mulcher LEVANTE range is suitable to a heavy duty use on hard and uncultivated soils for professional users. Its honeycomb structure with high thickness allows to cut bushes, prunings of big diameter getting excellent results.

FRA

La gamme de broyeurs LEVANTE a été étudiée pour des opérateurs professionels, pour une utilisation intensive de terrains vagues et difficiles. Sa structure alvéolaire à grand épaisseur, lui permet de broyer gros buissons, élagages, sarments, pour des résultats exceptionnels.

DEU

Die Familie der Mulchgeräte LEVANTE wendet sich an professionelle Betreiber für den intensiven Einsatz in schwierigen und unkultivierten Gelände. Seine Wabenstruktur mit großer Stärke, erlaubt ihm Sträucher-Beschneidungen-Ranken von große Dicke zu beschneiden, zur Erhaltung von großen Produktionsergebnissen.

ITA

La famiglia di trinciatrici LEVANTE è rivolta ad operatori professionali per un utilizzo intensivo su terreni difficili ed incolti. La sua struttura alveolare a grande spessore gli consente di aggredire cespugli, potature, sarmenti anche di grosso calibro ottenendo grandi risultati produttivi.

STANDARD FEATURES

- REINFORCED FRAME
- HYDRAULIC SHIFT
- REVERSIBLE FRAME FOR FRONT OR REAR MOUNTING
- DUAL PTO SPEEDS: 540 AND 1000 RPM
- COUNTERBLADE DEVICE
- TRANSMISSION BY 4 HEAVY-DUTY BELTS
- HIGH THICKNESS SIDES (10 MM)
- WIDE DISCHARGE AREA
- ADJUSTABLE REAR LEVELLING ROLLER Ø 160 MM
- SKIDS KIT
- UNIVERSAL PTO SHAFT CATEGORY 6 - 1200 MM SITUATIONS

CARACTÉRISTIQUES STANDARD

- CHÂSSIS RENFORCÉ
- DÉPORT HYDRAULIQUE DE SERIE
- CONFIGURABLE DE SÉRIE EN 2 VARIABLES D'ATTELAGE : ARRIÈRE OU FRONTALE
- CONFIGURABLE DE SÉRIE: 540 ET 1000 T/MIN
- CONTRE-COUTEAUX DE SÉRIE
- TRANSMISSION À 4 COURROIES
- CÔTÉS CHÂSSIS GRAND ÉPAISSEUR (10MM)
- GRANDE SURFACE DE DÉCHARGE, EXTENSIBLE
- KIT ROULEAU ARRIÈRE REGLABLE Ø160 MM
- KIT SURPATINS LATERAUX
- CARDAN STANDARD 6° CATÉGORIE - 1200 MM

STANDARD EIGENSCHAFTEN

- VERSTÄRKTER RAHMEN
- HYDRAULISCHE VERSCHIEBUNG
- SERIEN KONFIGURIERBAR IN 2 ANBAU OPTIONEN: FRONT- ODER HECKANBAU
- SERIEN KONFIGURIERBAR: 540 UND 1000 U/MIN
- 4 RIEMEN ANTRIEB
- GEGEN-MESSER
- BREITES GESTELL AN DEN SEITEN (10MM)
- GROSSER ENTLASTUNG BEREICH, ERWEITERBAR
- VERSTELLBARE HINTERE NACHLAUFWALZE Ø 160 MM
- ZUSÄTZLICHER KUFEN KIT
- STANDARD GELENKWELLE KATEGORIE 6 - 1200 MM

CARATTERISTICHE STANDARD

- TELAIO RINFORZATO
- SPOSTAMENTO IDRAULICO DI SERIE
- CONFIGURABILE DI SERIE IN 2 VARIABILI DI ATTACCO: ANTERIORE, POSTERIORE,
- CONFIGURABILE DI SERIE: 540 E 1000 GIRI/MIN.
- TRASMISSIONE CON 4 CINGHIE
- DISPOSITIVO CONTRO COLTELLI DI SERIE
- FIANCHI TELAIO DI GRANDE SPESSORE (10MM)
- AMPIA AREA DI SCARICO, ESPANDIBILE
- KIT RULLO POSTERIORE REGOLABILE, 160 MM DI DIAMETRO
- KIT PATTINI DI USURA SUPPLEMENTARI
- CARDANO STANDARD 6° CATEGORIA - 1200 MM

SIDE SHIFT VERSION - DEPORT LATERALE - VERSCHIBBARE VERSION - VERSIONE SPOSTABILE

COD-MOD	n.	hp	cm	in	cm	in	cm	in	cm	in	cm	in	n.	n.	cm	in	kg	lbs	€
LEV PLUS 250 H	**4C**	**80 - 120**	**245**	**98**	**122**	**49**	**122**	**49**	**82**	**33**	**162**	**81**	**36**	**72**	**2-11**	**1-4**	*736*	*1622*	
LEV PLUS 270 H	**4C**	**80 - 120**	**270**	**106**	**122**	**49**	**122**	**49**	**82**	**33**	**162**	**81**	**40**	**80**	**2-11**	**1-4**	*770*	*1698*	

	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Levante Plus 250 C Levante Plus 270 C	

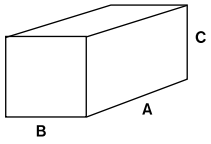
	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Levante Plus 250 M Levante Plus 270 M	

	Cod.	*OPTIONAL*		€
	TEND 1000	*Belt tensioner for change-over from 540 rpm to 1000 rpm* *Tendeur version 1000 t/min* *Riemenspanner Version 1000 U/min* *Tendicinghia: Trasformazione da 540 g/min a 1000 g/min*		

	Cod.			€
	H	*Hydraulic kit for side-shift* *Dispositif de déport hydraulique du troisième point* *Hydraulische Verschiebung* *Dispositivo di spostamento idraulico dell'attacco a tre punti*		

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
LEV PLUS 250	**280**	**120**	**95**
LEV PLUS 270	**300**	**120**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Victor

Reversible mulcher
Broyeur reversible
Reversibles Mulchgerät
Trinciatrice reversibile

HP

50 - 120

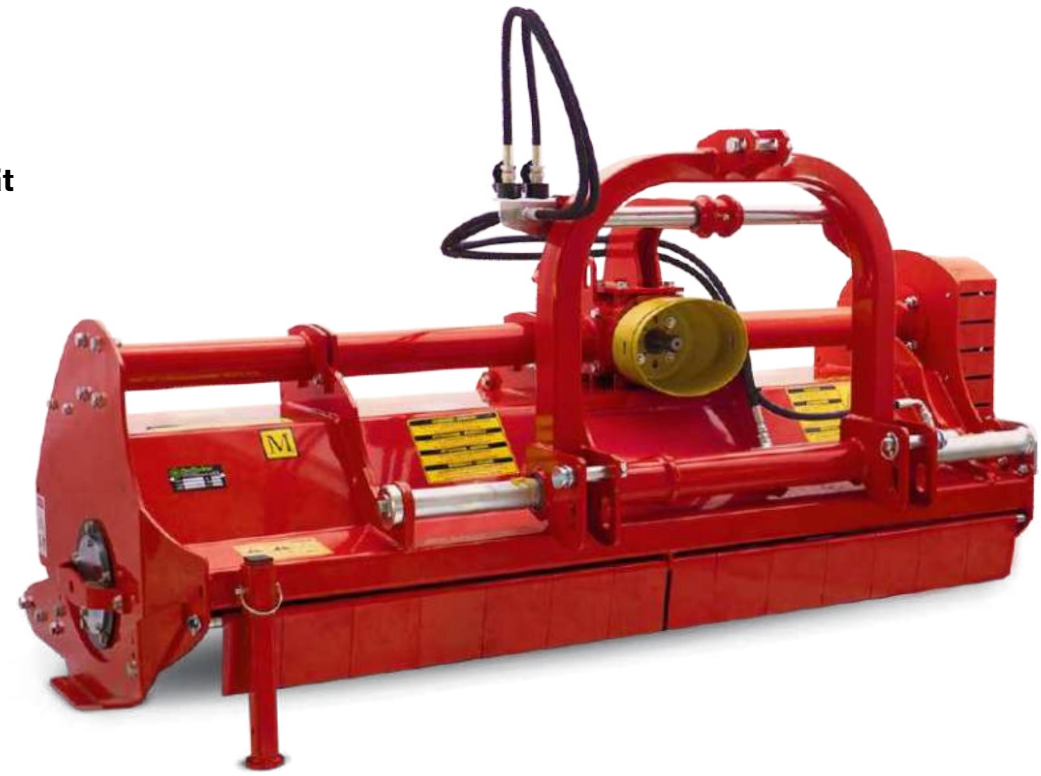
kW

40 - 90

rpm

540 / 1000

cm 2-7 - inch 1-3



ENG

A professional mulcher for the demanding farmer with 4-belt drive and suitable for medium to high horse power tractors. Multipurpose, side shift and reversible mounting.

FRA

Machine professionnelle indiquée pour les agriculteurs exigeantes, avec transmission par 4 courroies. Elle est destinée aux tracteurs de moyennes et grandes puissances. Etant rèversible et deportable elle est dotée d'une grande polyvalence.

DEU

Ein professioneller Schlegelmulcher für den anspruchsvollen Bauern. Mit 4 Keilriemen, für Traktoren von mittel bis hohe PS geeignet. Vielseitig mit Seitenverschiebung und reversiblen Anbau.

ITA

Macchina professionale che si rivolge ad agricoltori e contoterzisti esigenti. È adatta ad un trattore di medie e grandi potenze. Polivalente, con 4 cinghie di trasmissione, reversibile, spostabile e con ramponi posteriori.

STANDARD FEATURES

- REVERSIBLE, HYDRAULIC SIDE SHIFT, 3 POINT HITCH, CATEGORY 2
- CAST IRON GEAR BOX WITH INTEGRATED FREE WHEEL DEVICE AND PASS THROUGHT SHAFT
- 4 BELT TRANSMISSION, VENTILATED WITH ADJUSTABLE TENSIONER
- ROTOR WITH HAMMERS OR BLADES
- ADJUSTABLE REAR ROLLER
- ADJUSTABLE SKIDS
- REAR CRAMPONS
- UNIVERSAL PTO SHAFT CATEGORY 6 - 900 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS, CATÉGORIE 2, RÉVERSIBLE, DEPORTABLE HYDRAULIQUEMENT
- BOITIER EN FONTE 540 T/MIN AVEC ROUE LIBRE ET ARBRE PASSANT
- TRANSMISSION PAR 4 COURROIES VENTILÉES AVEC TENDEUR À VIS RÉGLABLE
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE
- PATINS RÉGLABLES
- CRAMPONS POSTÉRIEURS
- CARDAN UNIVERSEL CATÉGORIE 6 - 900 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK KATEGORIE 2 HYDRAULIK SEITEN VERSCHIEBBAR UND REVERSIBEL
- GUSSEISENES GETRIEBE 540 U/ MIN MIT FREILAUF UND DOPPELTE EINGANGSWELLE
- ANTRIEB MIT 4 KEILRIEMEN MIT LÜFTUNG UND SCHRAUBENSPANNER
- ROTOR MIT Y-MESSER ODER HAMMERSCHLEGEL
- VERSTELLBARE NACHLAUFWALZE
- VERSTELLBARE KUFEN.
- HECK STEIGEISEN
- STANDARD GELENKWELLE KATEGORIE 6 - 900 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI CATEGORIA 2 REVERSIBILE E SPOSTABILE IDRAULICAMENTE
- RIDUTTORE IN GHISA 540 G/MIN CON RUOTA LIBERA INTEGRATA E ALBERO PASSANTE
- TRASMISSIONE CON 4 CINGHIE CON TENDITORE A VITE REGISTRABILE
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE
- SLITTE REGOLABILI
- RAMPONI POSTERIORI
- CARDANO UNIVERSALE CATEGORIA 6 - 900 MM

COD-MOD	n.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Victor 150	**4C**	**50 - 120**	**144**	*58*"	**175**	*70*"	**28**	**14**	**595**	*1312*	
Victor 170	**4C**	**50 - 120**	**164**	*66*"	**195**	*78*"	**32**	**16**	**615**	*1356*	
Victor 190	**4C**	**50 - 120**	**184**	*74*"	**215**	*86*"	**36**	**18**	**719**	*1585*	
Victor 210	**4C**	**50 - 120**	**204**	*82*"	**235**	*94*"	**40**	**20**	**756**	*1667*	
Victor 230	**4C**	**80 - 120**	**224**	*90*"	**255**	*102*"	**44**	**22**	**814**	*1795*	
Victor 250	**4C**	**80 - 120**	**244**	*98*"	**275**	*110*"	**48**	**24**	**850**	*1874*	
Victor 270	**4C**	**80 - 120**	**264**	*106*"	**295**	*118*"	**52**	**26**	**889**	*1960*	

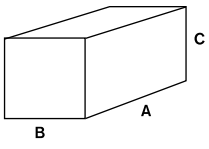
	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Victor 150 C Victor 170 C Victor 190 C Victor 210 C Victor 230 C Victor 250 C Victor 270 C	

	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages.* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Victor 150 M Victor 170 M Victor 190 M Victor 210 M Victor 230 M Victor 250 M Victor 270 M	

Cod.			€
R1	*Gear box 1000 RPM* *Boitier pour PDF à 1000 tours* *Getriebe mit 1000 U/min* *Riduttori per PDF a 1000 RPM*		

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Victor 150	**180**	**110**	**120**
Victor 170	**200**	**110**	**120**
Victor 190	**220**	**110**	**120**
Victor 210	**240**	**110**	**120**
Victor 230	**260**	**110**	**120**
Victor 250	**280**	**110**	**120**
Victor 270	**300**	**110**	**120**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

DMK

Rotary slasher
Gyrobroyeur
Kreiselmulchgerät
Girotrincia

HP

15 - 80

kW

12 - 60

rpm

540

cm 3-10 - inch 1-4

ENG

Simple and efficient rotary slasher with good performance and very economic to purchase and maintain.

FRA

Il s'agit d'une machine simple et efficace, qui unit performances et economicité dans le prix et l'entretien.

DEU

Einfacher und Leistungsfähiger Kreiselmulchgerät mit gute Arbeitsleistung, günstig im Preis und in der Wartung.

ITA

Macchina semplice ed efficace, unisce performance operative ed economicità sia nel prezzo che nella manutenzione.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 (DMK 90-135) AND 2 (DMK 150-180)
- CAST IRON GEARBOX 540 RPM
- DIRECT DRIVE
- ROTOR WITH 2 OR 3 SWINGING BLADES
- HINGED REAR FLAP FACILITATES GRASS EXPULSION
- REVERSIBLE AND ADJUSTABLE SKIDS
- FRONTAL CHAINS FOR PROTECTION
- UNIVERSAL PTO SHAFT:
  2° CAT. B - 900 MM FOR DMK 90-100,
  2° CAT. B - 1100 MM FOR DMK 110-120,
  4° CAT. B - 1200 MM FOR DMK 135
  4° CAT. F - 1200 MM FOR DMK 150/2, 150/3
  5° CAT. F - 1200 MM FOR DMK 180/3,

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE (DMK 90-135) ET 2 (DMK 150-180)
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION DIRECTE
- ROTOR AVEC 2 OU 3 LAMES ESCAMOTABLES
- PROTECTION ARRIÈRE
- PATINS RÉGLABLES ET RÉVERSIBLES
- PROTECTION AVANT PAR CHAÎNES
- CARDAN:
  2° CAT. B - 900 MM POUR DMK 90-100,
  2° CAT. B - 1100 MM POUR DMK 110-120,
  4° CAT. B - 1200 MM POUR DMK 135
  4° CAT. F - 1200 MM POUR DMK 150/2, 150/3
  5° CAT. F - 1200 MM POUR DMK 180/3,

STANDARD EIGENSCHAFTEN

- SEITENVERSCHIEBBARER DREIPUNKT-BOCK KATEGORIE 1 (DMK 90-135) UND 2 (DMK 150-180)
- GUSSEISENES GETRIEBE 540 U/MIN
- DIREKT ANTRIEB
- ROTOR MIT 2 ODER 3 SCHWINKENDEN MESSERN
- BEWEGLICHER BLECHSTREIFEN
- VERSTELLBARE UND UMKEHRBARE KUFEN
- VORDER AUSWURFSCHUTZ MIT KETTEN
- GELENKWELLE:
  2° CAT. B - 900 MM FÜR DMK 90-100,
  2° CAT. B - 1100 MM FÜR DMK 110-120,
  4° CAT. B - 1200 MM FÜR DMK 135
  4° CAT. F - 1200 MM FÜR DMK 150/2, 150/3
  5° CAT. F - 1200 MM FÜR DMK 180/3,

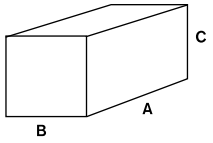
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA (DMK 90-135) E 2° CATEGORIA (DMK 150-180)
- RIDUTTORE IN GHISA 540 G/MIN.
- TRASMISSIONE DIRETTA
- ROTORE CON 2 O 3 LAME SNODATE
- BANDELLA POSTERIORE
- SLITTE REGOLABILI E REVERSIBILI
- PROTEZIONE ANTERIORE CON CATENE
- GIUNTO CARDANICO:
  2° CAT. B - 900 MM PER DMK 90-100,
  2° CAT. B - 1100 MM PER DMK 110-120,
  4° CAT. B - 1200 MM PER DMK 135
  4° CAT. F - 1200 MM PER DMK 150/2, 150/3
  5° CAT. F - 1200 MM PER DMK 180/3,

							kg	lbs	
COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
DMK 90	**15 - 40**	**90**	*35"*	**105**	*42"*	**2**	**130**	*287*	
DMK 100	**15 - 40**	**100**	*40"*	**115**	*46"*	**2**	**143**	*315*	
DMK 110	**15 - 40**	**110**	*44"*	**125**	*50"*	**2**	**160**	*353*	
DMK 120	**15 - 40**	**120**	*48"*	**135**	*54"*	**2**	**176**	*388*	
DMK 135	**15 - 40**	**135**	*53"*	**150**	*60"*	**2**	**198**	*437*	
DMK 150/2	**15 - 40**	**150**	*60"*	**165**	*66"*	**2**	**235**	*518*	
DMK 150/3	**30 - 80**	**150**	*60"*	**165**	*66"*	**3**	**260**	*573*	
DMK 180/3	**30 - 80**	**180**	*72"*	**195**	*78"*	**3**	**346**	*763*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
DMK 90	**120**	**110**	**55**
DMK 100	**130**	**120**	**55**
DMK 110	**140**	**130**	**55**
DMK 120	**150**	**140**	**55**
DMK 135	**170**	**160**	**55**
DMK 150/2	**180**	**170**	**55**
DMK 150/3	**180**	**170**	**65**
DMK 180/3	**210**	**200**	**65**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate

Caisse Métallique unitaire

Einzelne Metall Palette

Cassa singola

AY 2
59 A
DelMorino

Offset flail mowers
Broyeurs d'accotement
Seitenmulcher
Trinciatrici laterali

Funny Super

15 - 35 HP

106 / 132

84 85

Centurion Super

15 - 60 HP

106 / 132 / 158

86 87

Flipper Super

50 - 80 HP

132 / 158 / 186

88 89

Levante Super

80 - 120 HP

160 / 190 / 220

90 91

Funny Super

Offset flail mower
Broyeur d'accotement
Seitenmulcher
Trinciatrice laterale

HP
15 - 35

kW

12 - 25

rpm

540

cm 5,5-13,5 - inch 2-5

ENG

This offset flail mower has a flexible arm and can mow embankments and close to or under trees and bushes. It is designed for semi-professional use and works well with low HP tractors as it is light and flexibile. It can be used to cut grass, weeds and small bushes.

FRA

Ce broyeur est indiqué pour des tracteurs de petite et moyenne puissance et pour une utilisation semi professionnelle. Le déport hydraulique latéral permet de passer sous le feuillage des plantations en lignes. Cette machine se caractérise pour sa maniarilité et sa polyvalence à couper herbe, arbustes etc..

DEU

Dieser Schlegelmulcher hat ein beweglicher Arm und kann als Böschungmäher eingesetzt werden und Kann auch unter Bäumen oder Büsche arbeiten. Es ist für einen semi-professioneller Einsatz konzipiert und passt gut zu Traktoren mit geringen PS da es leicht und elastisch ist. Es kann benutzt werden um Rasen, Gras und kleine Büsche zu mulchen.

ITA

Trinciatrice laterale indicata per piccole e medie potenze per un utilizzo semi professionale; lo spostamento laterale consente di entrare sotto la chioma di piante e frutteti. Si caratterizza per la sua elasticità unita alla capacità di taglio di erba e piccoli arbusti.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 AND 2, HYDRAULIC SIDE SHIFT AND ROTATION
- ALUMINUM GEARBOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE
- TWO BELT TRANSMISSION WITH ADJUSTABLE TENSIONER
- ROTOR WITH "Y" BLADES OR HAMMERS
- ADJUSTABLE AND EXTENDABLE REAR ROLLER
- UNIVERSAL PTO SHAFT CATEGORY 4 - 1470 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE, DEPORTABLE ET ROTATION HYDRAULIQUE
- BOITIER EN ALUMINIUM 540 T/MIN AVEC ROUE LIBRE INTEGRÉE
- TRANSMISSION AVEC DEUX COURROIES VENTILÉES AVEC TENDEUR À VIS RÉGLABLE
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE ET EXTENSIBLE
- CARDAN STANDARD 4° CATÉGORIE - 1470 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2 MIT HYDRAULISCHER VERSCHIEBUNG UND ROTATION
- ALUMINIUM-GETRIEBE 540 U/MIN MIT FREILAUF
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT Y-MESSER ODER-HÄMMERSCHLEGEL
- VERSTELLBARE UND VERLÄNGERBARE NACHLAUFWALZE
- STANDARD GELENKWELLE KATEGORIE 4 - 1470 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° E 2° CATEGORIA ROTAZIONE E SPOSTAMENTO LATERALE IDRAULICI
- RIDUTTORE IN ALLUMINIO 540 G/MIN CON RUOTA LIBERA
- TRASMISSIONE CON DUE CINGHIE CON TENDITORE A VITE REGISTRABILE
- ROTORE CON COLTELLI O MAZZE
- RULLO POSTERIORE REGOLABILE ED ESTENSIBILE
- CARDANO STANDARD 4° CATEGORIA - 1470 MM

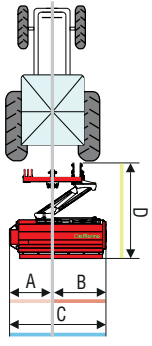
COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Funny Super 106	**2C**	**15 - 35**	**106**	*42"*	**120**	*48"*	**32**	**16**	**245**	*540*	
Funny Super 132	**2C**	**15 - 35**	**132**	*52"*	**155**	*62"*	**40**	**20**	**260**	*573*	

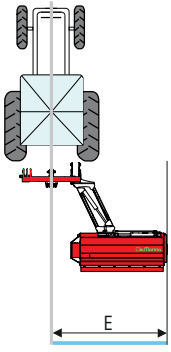
	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Funny Super 106 C Funny Super 132 C	

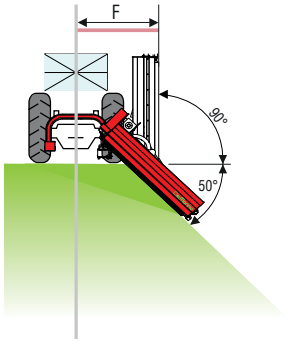
	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Funny Super 106 M Funny Super 132 M	

	Cod.		Type	€
	ER	*Extension Kit for rear roller* *Kit rouleau arrière- Grande Ejection* *Hintere Walze Verlängenugs kit* *Kit prolunga rullo posteriore*	Funny Super 80 Funny Super 93 Funny Super 106 Funny Super 132 Funny Super 158	

cm	106	132
A	57	57
B	97	123
C	154	180
D	130	130
E	187	213
F	100	100

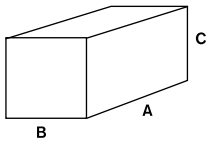






DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Funny Super 106	**150**	**120**	**80**
Funny Super 132	**150**	**150**	**80**



Centurion Super

Offset flail mower
Broyeur d'accotement
Seitenmulcher
Trinciatrice laterale

HP

15 - 60

kW

11 - 45

rpm

540

cm 1-8 - inch 0,5-3

ENG

A practical, multipurpose flail mower for the professional farmer with a flexible arm for mowing embankments, etc. The power transmission system is the best available and is suitable for tractors up to 60 HP. The quality, performance and price are outstanding.

FRA

Polyvalent et pratique pour l'utilisateur professionnel, cette machine offre au client une technologie la plus avancée par rapport à ce qui existe aujourd'hui. Le CENTURION SUPER peut équiper des tracteurs d'une puissance de 60 HP maximum. Produit sûr et avec un excellent rapport qualité-prix.

DEU

Ein praktischer, vielseitiger Schlegelmulcher für den Profi mit beweglicher Arm so dass es als Böschungmäher eingestzt werden kann. Das Getriebe ist technisch auf den letzen Stand und ist für Traktoren bis 60 PS geeignet. Der Preis/Leistungs Verhältnis und die Qualität sind ausserordentlich.

ITA

Polivalente e pratico per l'agricoltore professionista, CENTURION SUPER racchiude nei suoi cinematismi quanto di meglio possa offrire la più recente tecnologia delle trasmissioni. Può essere applicata a trattori di potenza fino a 60 HP. Affidabile, di qualità ed economico.

STANDARD FEATURES

- 3 POINT HITCH CATEGORY 1AND 2, WIYH HIDRAULIC SIDE SHIFT AND ROTATION
- CAST IRON GEAR BOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE
- 3 BELT DRIVE TRANSMISSION WITH SCREW ADJUSTABLE TENSIONER
- ROTOR WITH BLADES OR HAMMERS
- ADJUSTABLE REAR ROLLER
- UNIVERSAL PTO SHAFT CATEGORY 4 - 1470 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE, DÉPORT ET ROTATION HYDRAULIQUES
- BOITIER EN FONTE 540 T/MIN AVEC ROUE LIBRE INTERGRÉE
- TRANSMISSION PAR 3 COURROIES VENTILÉES PAR TENDEUR À VIS RÉGLABLE
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE
- CARDAN STANDARD 4° CATÉGORIE - 1470 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2 MIT HYDRAULISCHER VERSCHILBUNG UND ROTATION
- GUSSEISENES GETRIEBE 540 U/MIN MIT FREILAUF UND DOPPELTE EINGANGSWELLE
- ANTRIEB MIT 3 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT Y-MESSER ODER HÄMMERSCHLEGEL
- VERSTELLBARE NACHLAUFWALZE
- STANDARD GELENKWELLE KATEGORIE 4 - 1470 MM

CARATTERISTICHE STANDARD

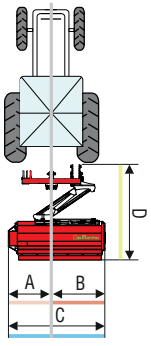
- ATTACCO A 3 PUNTI 1° E 2° CATEGORIA CON SPOSTAMENTO E ROTAZIONE IDRAULICI
- RIDUTTORE IN GHISA 540 G/MIN CON RUOTA LIBERA INTEGRATA
- TRASMISSIONE A 3 CINGHIE VENTILATE CON TENDITORE A VITE REGISTRABILE
- ROTORE A COLTELLI O A MAZZE
- RULLO POSTERIORE REGOLABILE
- CARDANO STANDARD 4° CATEGORIA - 1470 MM

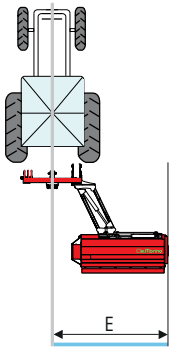
COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Centurion Super 106	**3C**	**15 - 60**	**106**	*42"*	**120**	*50"*	**32**	**16**	**290**	*639*	
Centurion Super 132	**3C**	**15 - 60**	**132**	*52"*	**155**	*60"*	**40**	**20**	**350**	*772*	
Centurion Super 158	**3C**	**15 - 60**	**158**	*62"*	**195**	*72"*	**48**	**24**	**372**	*820*	

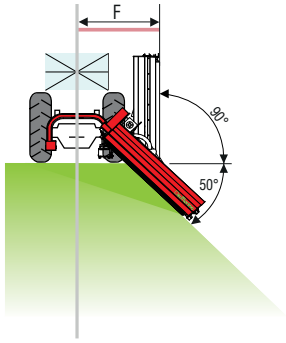
Cod.	OPTIONAL	Type	€
C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Centurion Super 106 C Centurion Super 132 C Centurion Super 158 C	

Cod.		Type	€
M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche* *Rotore con mazze - terreni incolti, rovi, potature*	Centurion Super 106 M Centurion Super 132 M Centurion Super 158 M	

cm	106	132	158
A	60	60	60
B	95	121	147
C	155	181	207
D	148	148	148
E	188	214	240
F	100	100	100

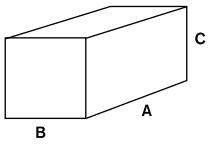






DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Centurion S. 106	**150**	**120**	**80**
Centurion S. 132	**150**	**150**	**80**
Centurion S. 158	**180**	**150**	**80**



Flipper Super

Offset flail mower
Broyeur d'accotement
Seitenmulcher
Trinciatrice laterale

HP
50 - 100

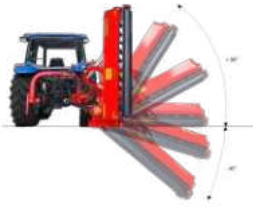
kW

40 - 60

rpm

540

cm 1,5-10 - inch 0,5-4



ENG

Suitable for professional, heavy, duty use. Strong, flexible and versatile. It permits an optimal maintenance of embankments, slopes, etc.

FRA

Idéal pour travaux professionnels pour une utilisation intensive. Costaude, élastique et flexible. Il permet un entretien optimale des terrains déclinantes, falaises et fossés.

DEU

Dieser Schlegelmulcher ist für professionelle Arbeiten bei intensiver Nutzung geeignet. Robust, elastisch und vielseitig. Er ermöglicht eine optimale Pflege von Hängen, Böschungen und Gräben.

ITA

Adatta a lavorazioni professionali per un utilizzo intensivo. Robusta, elastica e versatile. Consente una ottimale manutenzione di terreni declivi, scarpate e fossi.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 AND 2 WITH HYDRAULIC SIDE SHIFT
- CAST IRON GEARBOX 540 RPM WITH FREE WHEEL DEVICE
- COUNTERBLADE DEVICE
- REAR LEVELLING ROLLER Ø 160 MM
- HIGH THICKNESS SIDES 6MM
- UNIVERSAL PTO SHAFT CATEGORY 6 - 1800 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS CATÈGORIE 1 ET 2, DÈPORT HYDRAULIQUE
- BOITIER EN FONTE 540 T/MIN AVEC ROUE LIBRE
- TRANSMISSION PAR 3 COURROIES PAR TENDEUR À VIS RÈGLABLE
- DISPOSITIF CONTRE COUTEAUX
- CÔTÉS CHÂSSIS ÉPAISSEUR 6MM
- ROULEAU D'APPUI DIAMÈTRE Ø 160 MM
- GRANDE SURFACE DE DÉCHARGE
- CARDAN STANDARD 6° CATÉGORIE - 1800 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKT ANSCHLUSS 1° UND 2° KATEGORIE MIT HYDRAULISCHER VERSCHIEBUNG
- GUSSEISENES GETRIEBE 540 U/MIN MIT FREILAUF
- ANTRIEB AUS 3 KEILRIEMEN MIT SCHRAUBENSPANNER
- RAHMEN MIT GEGEN MESSER
- SEITENRAHMEN 6MM BREITE
- NACHLAUFWALZE Ø 160 MM
- GROSSER AUSWURF BEREICH
- STANDARD GELENKWELLE KATEGORIE 6 - 1800 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° E 2° CATEGORIA CON SPOSTAMENTO E ROTAZIONE IDRAULICI
- RIDUTTORE IN GHISA 540 G/MIN CON RUOTA LIBERA
- TRASMISSIONE A 3 CINGHIE CON TENDITORE A VITE REGISTRABILE
- DISPOTIVO CONTRO COLTELLI
- FIANCHI TELAIO SPESSORE 6 MM
- RULLO DI APPOGGIO Ø 160 MM
- AMPIA AREA DI SCARICO
- CARDANO STANDARD 6° CATEGORIA - 1800 MM

COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Flipper Super 132	**3C**	**50 - 100**	**132**	*52"*	**158**	*62"*	**40**	**20**	**470**	*1036*	
Flipper Super 158	**3C**	**50 - 100**	**158**	*62"*	**184**	*72"*	**48**	**24**	**492**	*1085*	
Flipper Super 186	**3C**	**50 - 100**	**186**	*72"*	**210**	*82"*	**56**	**28**	**515**	*1135*	
Flipper Super 214	**3C**	**50 - 100**	**214**	*85"*	**230**	*92"*	**64**	**32**	**570**	*1256*	

	Cod.	OPTIONAL	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	

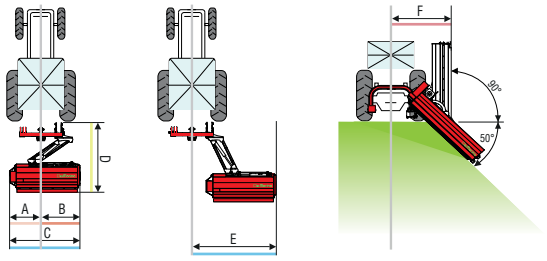
	Cod.		€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche mit Stacheln* *Rotore con mazze - terreni incolti, rovi, potature*	

	Cod.		€
	4C	*4 belt kit* *Kit 4 courroies* *4 Riemen Kit* *Kit 4 cinghie*	

	Cod.		€
	S	*Skid Kit for heavy wear situations* *Surpatins Lateraux* *Zusätzlicher Kufen Kit* *Kit pattini di usura supplementari*	

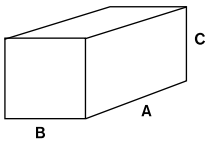
	Cod.		€
	O	*Wide angle PTO shaft - closed curves* *Cardan homocinétique - virages très serrés* *Weitwinkelgelenkwelle - enge Kurven* *Cardano omocinetico - curve strette*	

cm	132	158	186
A	76	76	76
B	82	108	134
C	158	184	210
D	210	210	210
E	198	224	250
F	134	134	134



DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Flipper Super 132	**160**	**120**	**200**
Flipper Super 158	**190**	**120**	**200**
Flipper Super 186	**220**	**120**	**200**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Levante Super

Offset flail mower
Broyeur d'accotement
Seitenmulcher
Trinciatrice laterale

HP
80 - 140

kW

60 - 90

rpm

540 / 1000

ENG

Suitable for professional, heavy duty use. Strong, flexible and versatile. It permits an optimal maintenance of embankments, slopes, etc.

FRA

Idéal pour travaux professionnels pour une utilisation intensive. Costaude, élastique et flexible. Il permet un entretien optimale des terrains déclinantes, falaises et fossés.

DEU

Dieser Schlegelmulcher ist für professionelle Arbeiten bei intensiver Nutzung geeignet. Robust, elastisch und vielseitig. Er ermöglicht eine optimale Pflege von Hängen, Böschungen und Gräben.

ITA

Adatta a lavorazioni professionali per un utilizzo intensivo. Robusta, elastica e versatile. Consente una ottimale manutenzione di terreni declivi, scarpate e fossi.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 2 AND 3 WITH HYDRAULIC SIDE SHIFT
- TRANSMISSION BY 4 HEAVY-DUTY BELTS
- COUNTERBLADE DEVICE
- HIGH THICKNESS SIDES (10 MM)
- COUNTERBLADE DEVICE
- REAR LEVELLING ROLLER Ø 160 MM
- WIDE DISCHARGE AREA
- UNIVERSAL PTO SHAFT CATEGORY 6 - 1800 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS CATÈGORIE 2 ET 3, DÈPORT HYDRAULIQUE
- TRANSMISSION À 4 COURROIES
- CÔTÉS CHÂSSIS GRAND ÉPAISSEUR (10MM)
- DISPOSITIF CONTRE COUTEAUX
- ROULEAU D'APPUI DIAMÈTRE Ø160 MM
- GRANDE SURFACE DE DÉCHARGE, EXTENSIBLE
- CARDAN STANDARD 6° CATÉGORIE - 1800 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKT ANSCHLUSS 2° UND 3° KATEGORIE MIT HYDRAULISCHER VERSCHIEBUNG
- 4 RIEMEN AUSTATTUNG
- BREITES GESTELL AN DEN SEITEN (10MM)
- RAHMEN MIT GEGENMESSER
- NACHLAUFWALZE Ø 160 MM
- GROSSER ENTLASTUNG BEREICH, ERWEITERBAR
- STANDARD GELENKWELLE KATEGORIE 6 - 1800 MM

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 2° E 3° CATEGORIA CON SPOSTAMENTO E ROTAZIONE IDRAULICI
- TRASMISSIONE CON 4 CINGHIE
- DISPOSITIVO CONTRO COLTELLI DI SERIE
- FIANCHI TELAIO DI GRANDE SPESSORE (10MM)
- RULLO DI APPOGGIO Ø 160 MM
- AMPIA AREA DI SCARICO, ESPANDIBILE
- CARDANO STANDARD 6° CATEGORIA - 1800 MM

COD-MOD	n.	hp	cm	in	cm	in	n.	n.	cm	in	kg	lbs	€
Levante Super 160	**4C**	**80 - 140**	**160**	*63"*	**180**	*71"*	**48**	**24**	**2-11**	**1-4**	**720**	*1588*	
Levante Super 190	**4C**	**80 - 140**	**190**	*75"*	**208**	*82"*	**56**	**28**	**2-11**	**1-4**	**757**	*1669*	
Levante Super 220	**4C**	**80 - 140**	**220**	*87"*	**236**	*93"*	**64**	**32**	**2-11**	**1-4**	**795**	*1753*	

	Cod.	OPTIONAL	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	

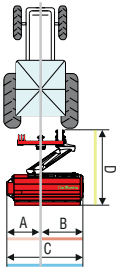
	Cod.		€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche mit Stacheln* *Rotore con mazze - terreni incolti, rovi, potature*	

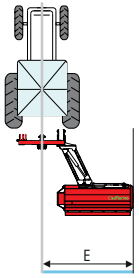
	Cod.		€
	ER	*Extension Kit for rear roller* *Kit rouleau arrière- Grande Ejection* *Hintere Walze Verlängenugs kit* *Kit prolunga rullo posteriore*	

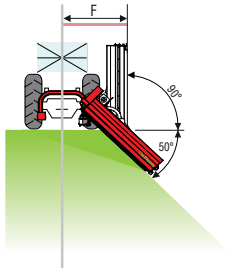
	Cod.		€
	S	*Skid Kit for heavy wear situations* *Surpatins Lateraux* *Zusätzlicher Kufen Kit* *Kit pattini di usura supplementari*	

	Cod.		€
	O	*Wide angle PTO shaft - closed curves* *Cardan homocinétique - virages très serrés* *Weitwinkelgelenkwelle - enge Kurven* *Cardano omocinetico - curve strette*	

cm	160	190	220
A	85	85	85
B	106	132	158
C	191	217	243
D	194	194	194
E	229	255	281
F	135	135	135

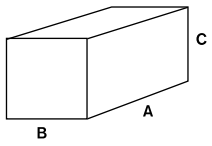






DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Levante Super 160	**190**	**120**	**200**
Levante Super 190	**220**	**120**	**200**
Levante Super 220	**250**	**120**	**200**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate

Caisse Métallique unitaire

Einzelne Metall Palette

Cassa singola

KEMPPI

Engine driven flail mowers
Broyeurs à moteur
Schlegelmulcher mit Verbrennungsmotor
Trinciatrici a motore trainate

Centurion ATV

13 HP

132

94 95

Centurion ATV PRO

25 HP

158

96 97

Centurion ATV

Engine driven flail mowers
Broyeurs à moteur
Schlegelmulcher mit Verbrennungsmotor
Trinciatrici a motore trainate

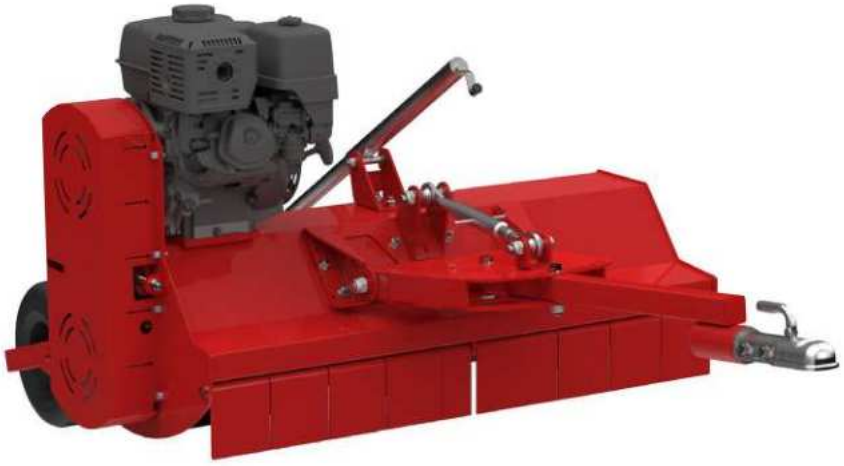
HP

13/14

kW

10

cm 3-10 - inch 1-4



ENG

The Centurion ATV Flail Mower is designed to be towed by a QUAD, rider, or ATV. It can cut and mulch grass, weed and shrubs or, more simply, clear uncultivated fields.

FRA

Le broyeur CENTURION ATV est conçu pour être attelé à l'arrière de QUAD, Rider et ATV. Indiqué pour le broyage d'herbe ou d'arbustes ou, plus simplement, pour aérer le sol.

DEU

Der Centurion ATV-Mulcher ist die Ideale Maschine für den Einsatz mit QUADs, Riders und ATVs. Es kann benutzt werden um Rasen, Gras und Büsche zu mulchen.

ITA

La trincia Centurion ATV è ideata per l'applicazione posteriore su QUAD, Rider e Atv. Può essere impiegata per lavori di trinciatura di erba, arbusti o, più semplicemente, per arieggiare il terreno.

STANDARD FEATURES

- Ø 50 MM/2" BALL TYPE COUPLING
- HONDA GX390 / LONCIN G420 ENGINE
- 2 BELT DRIVE TRANSMISSION WITH SCREW ADJUSTABLE TENSIONER
- ROTOR WITH BLADES OR HAMMERS
- ADJUSTABLE REAR ROLLER
- MECHANIC SIDE SHIFT 56 CM
- CENTRIFUGAL CLUTCH
- FUEL TANK 6L (1,5 GAL)
- WHEEL POSITION ADJUSTABLE

CARACTÉRISTIQUES STANDARD

- CROCHET D'ATTELAGE SPHÉRIQUE Ø 50 MM
- MOTEUR HONDA GX390/ LONCIN G420
- TRANSMISSION PAR 2 COURROIES VENTILÉES PAR TENDEUR À VIS
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE
- DÉPORT LATERAL MÉCANIQUE 56 CM
- EMBRAYAGE CENTRIFUGE
- RÉSERVOIR 6L
- POSITION RÉGLABLE DES ROUES

STANDARD EIGENSCHAFTEN

- ANHÄNGERKUPPLUNG Ø 50 MM
- HONDA GX390 / LONCIN G420 MOTOR
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT Y-MESSER ODER HAMMERSCHLEGEL
- EINSTELLBARE NACHLAUFWALZE
- SEITLICHE VERSCHIEBUNG 56MM NACH RECHTS ODER LINKS
- FRIZIONE CENTRIFUGA
- 6L-TANK
- EINSTELLBARE RÄDER

CARATTERISTICHE STANDARD

- AGGANCIO A TESTINA SFERICO Ø 50 MM
- MOTORE HONDA GX390 / LONCIN G420
- TRASMISSIONE A 2 CINGHIE VENTILATE CON TENDITORE A VITE REGISTRABILE
- ROTORE A COLTELLI O A MAZZE
- RULLO POSTERIORE REGOLABILE
- SPOSTAMENTO LATERALE MECCANICO 56 CM
- FRIZIONE CENTRIFUGA
- SERBATOIO DA 6L (- POSIZIONE RUOTE REGOLABILE

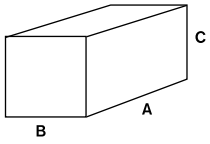
COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	
ATV 120 - Honda	**2C**	**13**	**119**	*47"*	**142**	*55"*	**40**	**20**	**270**	*594*	
ATV 120 - Loncin	**2C**	**14**	**119**	*47"*	**142**	*55"*	**40**	**20**	**270**	*594*	
ATV 132 - Honda	**2C**	**25**	**132**	*52"*	**150**	*60"*	**40**	**20**	**300**	*661*	
ATV 132 - Loncin	**2C**	**25**	**132**	*52"*	**150**	*60"*	**40**	**20**	**300**	*661*	

	Cod.	OPTIONAL	Type
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Centurion ATV C

	Cod.		Type
	M	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Centurion ATV M

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Centurion ATV	**170**	**120**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Centurion ATV PRO

Engine driven flail mowers
Broyeurs à moteur
Schlegelmulcher mit Verbrennungsmotor
Trinciatrici a motore trainate

HP

25

kW

19

cm 3-10 - inch 1-4

ENG

The Centurion ATV Flail Mower is designed to be towed by a QUAD, rider, or ATV. It can cut and mulch grass, weed and shrubs or, more simply, clear uncultivated fields.

FRA

Le broyeur CENTURION ATV est conçu pour être attelé à l'arrière de QUAD, Rider et ATV. Indiqué pour le broyage d'herbe ou d'arbustes ou, plus simplement, pour aérer le sol.

DEU

Der Centurion ATV-Mulcher ist die Ideale Maschine für den Einsatz mit QUADs, Riders und ATVs. Es kann benutzt werden um Rasen, Gras und Büsche zu mulchen.

ITA

La trincia Centurion ATV è ideata per l'applicazione posteriore su QUAD, Rider e Atv. Può essere impiegata per lavori di trinciatura di erba e arbusti o, più semplicemente, per arieggiare il terreno.

STANDARD FEATURES

- Ø 50 MM/2" BALL TYPE COUPLING
- HONDA IGX800 ENGINE
- 2 BELT DRIVE TRANSMISSION WITH SCREW ADJUSTABLE TENSIONER
- ROTOR WITH BLADES OR HAMMERS
- ADJUSTABLE REAR ROLLER
- MECHANIC SIDE SHIFT 56 CM
- CENTRIFUGAL CLUTCH
- FUEL TANK 11L (3 GAL)
- WHEEL POSITION ADJUSTABLE

CARACTÉRISTIQUES STANDARD

- CROCHET D'ATTELAGE SPHÉRIQUE Ø 50 MM
- MOTEUR HONDA IGX800
- TRANSMISSION PAR 2 COURROIES VENTILÉES PAR TENDEUR À VIS
- ROTOR AVEC COUTEAUX OU MARTEAUX
- ROULEAU ARRIÈRE RÉGLABLE
- DÉPORT LATERAL MÉCANIQUE 56 CM
- EMBRAYAGE CENTRIFUGE
- RÉSERVOIR 11L
- POSITION RÉGLABLE DES ROUES

STANDARD EIGENSCHAFTEN

- ANHÄNGERKUPPLUNG Ø 50 MM
- HONDA IGX800 MOTOR
- ANTRIEB MIT 2 KEILRIEMEN UND EINSTELLBAREM SCHRAUBENSPANNER
- ROTOR MIT Y-MESSER ODER HAMMERSCHLEGEL
- EINSTELLBARE NACHLAUFWALZE
- SEITLICHE VERSCHIEBUNG 56MM NACH RECHTS ODER LINKS
- FRIZIONE CENTRIFUGA
- 11L-TANK
- EINSTELLBARE RÄDER

CARATTERISTICHE STANDARD

- AGGANCIO A TESTINA SFERICO Ø 50 MM
- MOTORE HONDA IGX800
- TRASMISSIONE A 2 CINGHIE VENTILATE CON TENDITORE A VITE REGISTRABILE
- ROTORE A COLTELLI O A MAZZE
- RULLO POSTERIORE REGOLABILE
- SPOSTAMENTO LATERALE MECCANICO 56 CM
- FRIZIONE CENTRIFUGA
- SERBATOIO DA 11L
- POSIZIONE RUOTE REGOLABILE

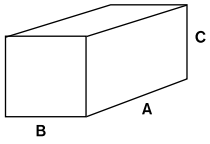
COD-MOD	N.	hp	cm	in	cm	in	n.	n.	kg	lbs	€
Centurion ATV PRO HONDA GX800	**2C**	**25**	**158**	*62"*	**180**	*72"*	**48**	**24**	**360**	*794*	

	Cod.	OPTIONAL	Type	€
	C	*Rotor with Y blades for universal use- grass* *Rotor avec couteaux pour utilisation universelle - herbe* *Rotor mit Y-Messer für den universellen Einsatz - Gras* *Rotore con coltelli per uso universale - erba*	Centurion ATV PRO 158 C	

	Cod.		Type	€
	M	*Rotor with hammers for specific use- raw land, brambles, pruning* *Rotor avec marteaux - terrains, ronces, élagages* *Rotor mit Hammerschlegel - für vernachlässigter Boden und Gebüsche mit Stacheln* *Rotore con mazze - terreni incolti, rovi, potature*	Centurion ATV PRO 158 M	

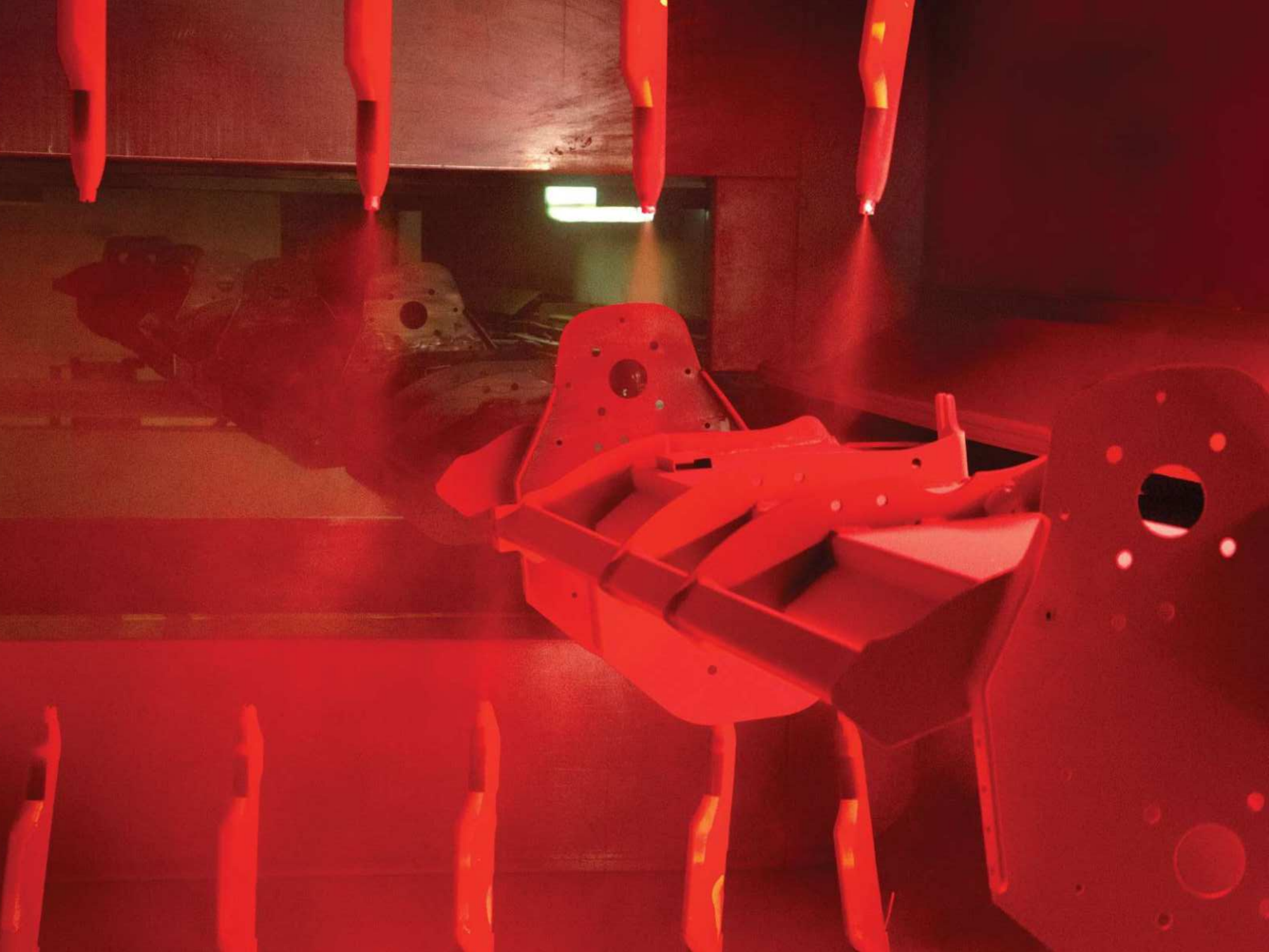
DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Centurion ATV PRO	**200**	**120**	**95**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola



Finishing mowers
Tondeuses de finition
Feinarbeit Sichelmähwerke
Tagliaerba di finitura

ET

12 - 25 HP

100

102 103

SRM

12 - 70 HP

120 / 150 / 180 / 215

104 105

PRM

12 - 70 HP

120 / 150 / 180 /
215 / 235

106 107

Omega

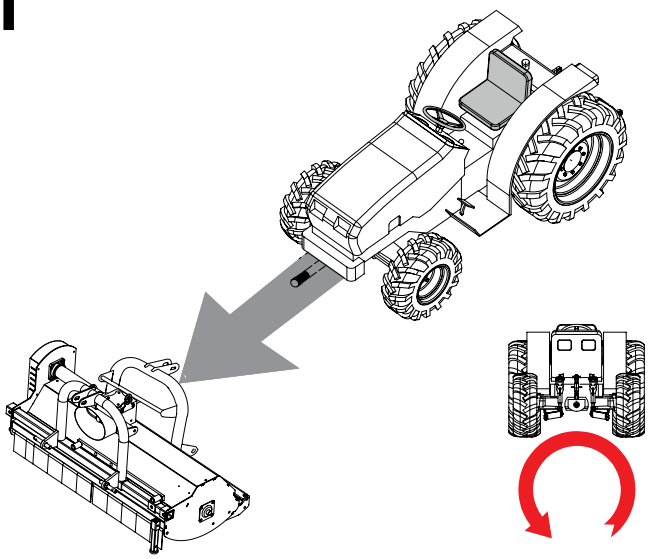
40 - 90 HP

11 / 12 / 14 / 15 /
17 / 19 / 21

108 109

Direction of rotation
Sens de rotation
Drehrichtung
Senso di rotazione

1

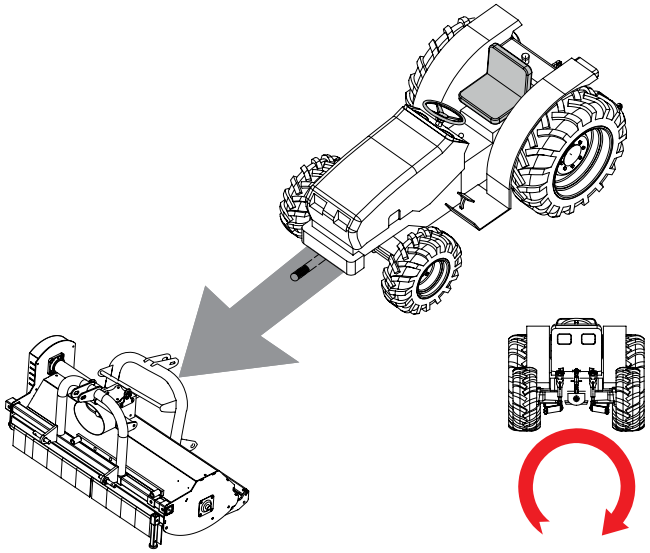


Front machine
Machine frontale
Frontanbau
Macchina frontale

RPM — T/min — U/min — giri/min

540	1000	2000
A	B	C

2



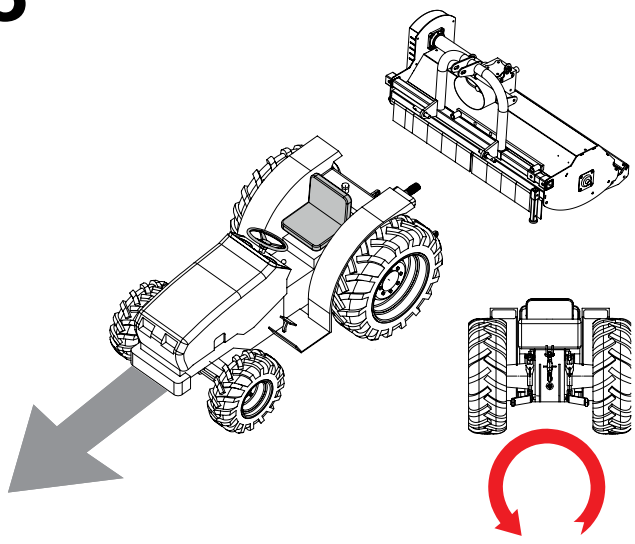
Front machine
Machine frontale
Frontanbau
Macchina frontale

RPM — T/min — U/min — giri/min

540	1000	2000
D	E	F

3

Rear machine
Machine arrière
Heckanbau
Macchina posteriore

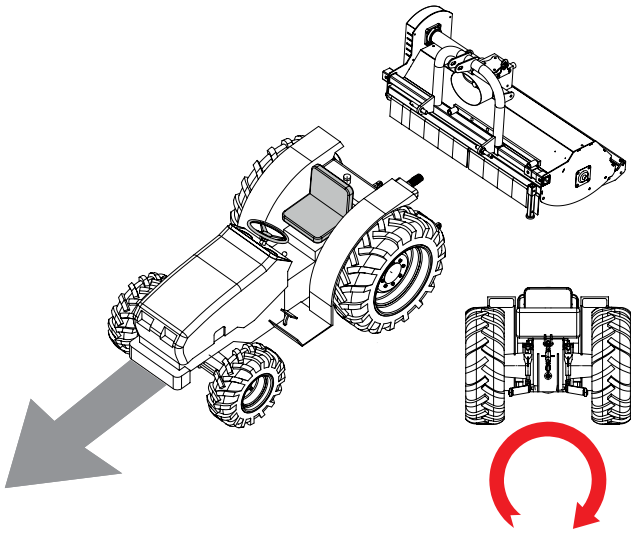


RPM – T/min – U/min – giri/min

540	1000	2000
G	H	L

4

Rear machine
Machine arrière
Heckanbau
Macchina posteriore



RPM – T/min – U/min – giri/min

540	1000	2000
M	N	P

ET 100

Finishing mower
Tondeuse de finition
Feinarbeit Sichelmähwerk
Tagliaerba di finitura

HP

12 - 25

kW

10 - 20

rpm

540

cm 2-9 - inch 1-4

ENG

Three different operation modes in one finishing mower: mulching, side discharge and rear discharge. It is perfect for low HP tractors.

FRA

Cette machine se caractérise par 3 différents systèmes de coupe: mulching, latérale et arrière. Elle est indiquée pour tracteurs de petites puissances pour la coupe et l'entretien de la couverture herbeuse.

DEU

Drei verschiedenen Konfigurationen in ein Rasenmäher: Mulcher, Sietenauswurf und Heckauswurf.
Es ist ideal für Kleintraktoren mit wenig PS.

ITA

Configurabile in 3 diverse tipologie di scarico dell'erba: mulching, laterale e posteriore. È adatto a piccole potenze per lavorazioni di taglio e manutenzione del manto erboso.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- ALUMINUM GEARBOX 540 RPM WITH INTEGRATED FREE WHEEL DEVICE
- DIRECT DRIVE
- 1 ROTOR WITH 1 BLADE
- ADJUSTABLE HEIGHT
- PIVOTING WHEELS
- UNIVERSAL PTO SHAFT CATEGORY 2 - 1000 MM

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- BOITIER EN ALUMINIUM 540 T/MIN AVEC ROUE LIBRE INTEGRÉE
- TRANSMISSION DIRECTE
- ROTOR AVEC 1 LAME
- HAUTEUR DE COUPE REGLABLE
- ROUES PIVOTANTES RÉGLABLES
- CARDAN STANDARD 2° CATÉGORIE - 1000 MM

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- ALUMINIUM-GETRIEBE 540 U/MIN MIT FREILAUF
- DIREKTANTRIEB
- ROTOR MIT 1 MESSER
- DREHBARE STÜTZRÄDER, HÖHENVERSTELLBAR
- STANDARD GELENKWELLE KATEGORIE 2 - 1000 MM

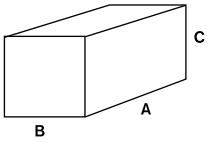
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- RIDUTTORE IN ALLUMINIO 540 G/MIN CON RUOTA LIBERA INTEGRATA
- TRASMISSIONE DIRETTA
- ROTORE CON 1 LAMA
- ALTEZZA DI TAGLIO REGOLABILE
- RUOTE PIVOTANTI
- CARDANO STANDARD 2° CATEGORIA - 1000 MM

							kg	lbs	
COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
ET 100	**12 - 25**	**100**	*40*"	**110**	*44*"	**1**	**125**	*276*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
ET 100	**120**	**110**	**60**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate

Caisse Métallique unitaire

Einzelne Metall Palette

Cassa singola

SRM

Rear finishing mower side discharge
Tondeuse de finition attelage arrière éjection latérale
Feinarbeit Heckanbau Seitenauswurf Sichelmähwerk
Tagliaerba di finitura attacco posteriore scarico laterale

HP

12 - 70

kW

10 - 50

rpm

540 / 1000 / 2000

cm 2-9 - inch 1-4

ENG

This side discharge finishing mower has a high quality cutting system for professional quality and efficienct cutting of large areas.

FRA

Pour une parfaite coupe professionnelle de l'herbe, indiquée aussi pour les grandes surfaces, cette machine conjuge en même temps l'efficacité et la qualité de la coupe.

DEU

Dieser Sichelmähwerk mit Seitenauswurf hat ein hoch leistungs Schneidesystem für professioneller und leistungsfähiger Mähen von grossen Flächen.

ITA

Per una perfetta operazione di taglio dell'erba anche su grandi superfici, coniuga efficacia e qualità di taglio professionali.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- CAST IRON GEARBOX 540 RPM
- BELT DRIVE
- THREE SPINDLES EACH WITH SINGLE BLADE
- SIDE DISCHARGE
- OPTIONAL MULCH-SYSTEM
- ADJUSTABLE HEIGHT, PIVOTING WHEELS
- UNIVERSAL PTO SHAFT, CATEGORY 2 - 1000 MM
- CENTRAL LUBRICATION

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- BOITIER EN FONTE 540 T/MIN
- TRANSMISSION PAR 2 COURROIES
- 3 ROTORS AVEC 1 LAME
- ÉJECTION LATÉRALE
- PRÉDISPOSÉE POUR MONTAGE KIT MULCHING
- HAUTEUR REGLABLE, ROUES PIVOTANTES
- CARDAN STANDARD 2° CATÉGORIE - 1000 MM
- LUBRIFICATION CENTRALISÉE DES ARBRES DES LAMES

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- GUSSEISENES GETRIEBE 540 U/MIN
- 2 KEILRIEMEN ANTRIEB
- 3 ROTOREN MIT JE 1 MESSER
- SEITENAUSWURF.
- VORBEREITET FÜR DEN EINBAU EINES MULCH-SYSTEMS
- DREHBARE STÜTZRÄDER HÖHENVERSTELLBAR
- STANDARD GELENKWELLE KATEGORIE 2 - 1000 MM
- ZENTRALSCHMIERUNG DER MESSERWELLEN

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN
- TRASMISSIONE A 2 CINGHIE
- 3 ROTORI AD 1 LAMA
- SCARICO LATERALE
- PREDISPOSTA PER MONTARE IL KIT MULCHING
- ALTEZZA REGOLABILE, RUOTE PIVOTANTI
- CARDANO STANDARD 2° CATEGORIA - 1000 MM
- LUBRIFICAZIONE DEGLI ALBERI DELLE LAME CENTRALIZZATA

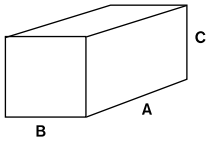
* To Choose the "direction of rotation" go to page 82. - Pour choisir le "sens de rotation" voir à la page 82. - Für "Drehrichtung" gehe zu Seite 82. - Consultare la pagina 82 per scegliere il senso di rotazione.

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
SRM 120	**12 - 70**	**120**	*48"*	**145**	*58"*	**3**	**177**	*390*	
SRM 150	**12 - 70**	**150**	*60"*	**180**	*72"*	**3**	**207**	*456*	
SRM 180	**12 - 70**	**180**	*72"*	**215**	*86"*	**3**	**233**	*514*	
SRM 215	**12 - 70**	**215**	*85"*	**250**	*100"*	**3**	**285**	*628*	

	Cod.	OPTIONAL	Type	€
	KM	*Kit mulching - deflectors for frequent cuts* *Kit mulching - déflecteurs pour coupes fréquents* *Mulching Kit - Deflektoren für häufige Schnitte* *Kit mulching - deflettori per tagli frequenti*	SRM 120 SRM 150 SRM 180 SRM 215	
	L	*Additional mulching blades* *Lames mulching supplémentaires* *Kreuzmesser* *Lame supplementari per mulching*		
	Cod.			**€**
	A	*Anti-scalp roller-land with speed bump* *Rouleau frontal - terrain avec dos* *Anti-Skalp Walze - Boden mit Unebenheiten* *Rullo antiscalpo - terreno con dossi*		
	Cod.		**Type**	**€**
	R1 **R2**	*Gear box 1000 RPM or 2000 RPM* *Boîtier pour PDF à 1000/2000 tours* *Getriebe mit 1000 oder 2000 U/min* *Riduttori per PDF a 1000 o 2000 RPM*		
	Cod.			**€**
	P	*Pneumatic tires- soft lawn and land* *Roues pneumatiques - prairies et terrains doux* *Pneumatische Reifen - Wiesen und weiche Böden* *Ruote pneumatiche - prati e terreni soffici*		
	Cod.			**€**
	G	*Hard rubber wheel - no punctures* *Roues pleines grandes - sans perçages* *Volle und Breite Reifen - keine Reifenpanne* *Ruote piene larghe - no forature*		
	Cod.			**€**
	FM	*Front mount - Attelage frontal* *Frontanbau - Attacco anteriore*		

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
SRM 120	**130**	**120**	**60**
SRM 150	**160**	**120**	**60**
SRM 180	**190**	**120**	**60**
SRM 215	**220**	**120**	**60**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

PRM

Rear finishing mower rear discharge
Tondeuse de finition attelage arrière éjection arrière
Feinarbeit Heckanbau Heckauswurf Sichelmähwerk
Tagliaerba di finitura attacco posteriore scarico posteriore

HP

12 - 70

kW

10 - 50

rpm

540 / 1000 / 2000

cm 2-9 - inch 1-4

ENG

This rear discharge finishing mower has a high quality cutting system for professional quality and efficienct cutting of large areas.

FRA

Tondeuse frontale parfaite pour une coupe professionnelle de l'herbe, indiquée aussi pour les grandes surfaces, cette machine conjugue en même temps l'efficacité et la qualité de coupe.

DEU

Dieser Sichelmähwerk mit Heckauswurf hat ein hoch leistungs Schneidesystem für professioneller und leistungsfähiger Mähen von grossen Flächen.

ITA

Per una perfetta operazione di taglio dell'erba anche su grandi superfici, coniuga efficacia e qualità di taglio professionali.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- CAST IRON GEARBOX 540 RPM
- 2 - BELT DRIVE
- 3 SPINDLES EACH WITH SINGLE BLADE, XRM 235: 5 SPINDLES EACH WITH SINGLE BLADE
- REAR DISCHARGE
- OPTIONAL MULCH-SYSTEM
- ADJUSTABLE HEIGHT, PIVOTING WHEELS
- UNIVERSAL PTO SHAFT, CATEGORY 2 - 1000 MM, XRM - 800 MM
- CENTRAL LUBRICATION

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE.
- BOÎTIER EN FONTE 540 T/MIN
- TRANSMISSION PAR 2 COURROIES
- 3 ROTORS AVEC 1 LAME, XRM 235: 5 ROTORS AVEC 1 LAME
- ÉJECTION ARRIÈRE
- PRÉDISPOSÉE POUR MONTAGE DU KIT MULCHING
- HAUTEUR DE COUPE REGLABLE, ROUES PIVOTANTES RÉGLABLES
- CARDAN STANDARD 2° CATÉGORIE - 1000 MM, XRM - 800 MM
- LUBRIFICATION CENTRALISÉE DES ARBRES DES LAMES

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- GUSSEISENES GETRIEBE 540 U/MIN
- KEILRIEMEN ANTRIEB
- 3 ROTOREN MIT JE 1 MESSER. XRM 235: 5 ROTOREN MIT JE 1 MESSER
- HECKAUSWURF
- VORBEREITET FÜR DEN EINBAU EINES MULCH-SYSTEMS
- DREHBARE STÜTZRÄDER HÖHENVERSTELLBAR
- STANDARD GELENKWELLE KATEGORIE 2 - 1000 MM , XRM - 800 MM
- ZENTRALSCHMIERUNG DER MESSERWELLEN

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- RIDUTTORE IN GHISA 540 G/MIN.
- TRASMISSIONE A 2 CINGHIE
- 3 ROTORI A 1 LAMA, XRM 235: 5 ROTORI A 1 LAMA
- SCARICO POSTERIORE
- PREDISPOSTA PER MONTARE IL KIT MULCHING
- ALTEZZA DI TAGLIO REGOLABILE, RUOTE PIVOTANTI
- CARDANO STANDARD 2° CATEGORIA - 1000 MM, XRM - 800 MM
- LUBRIFICAZIONE DEGLI ALBERI DELLE LAME CENTRALIZZATA

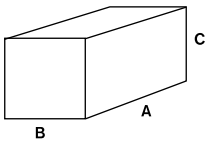
* To Choose the "direction of rotation" go to page 82. - Pour choisir le “sens de rotation” voir à la page 82. - Für "Drehrichtung" gehe zu Seite 82. - Consultare la pagina 82 per scegliere il senso di rotazione.

COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
PRM 120	**12 - 70**	**120**	*48"*	**130**	*52"*	**3**	**180**	*397*	
PRM 150	**12 - 70**	**150**	*60"*	**160**	*64"*	**3**	**211**	*465*	
PRM 180	**12 - 70**	**180**	*72"*	**190**	*76"*	**3**	**239**	*527*	
PRM 215	**12 - 70**	**215**	*85"*	**225**	*90"*	**3**	**289**	*637*	
XRM 235	**12 - 70**	**235**	*93"*	**245**	*98"*	**5**	**320**	*705*	

	Cod.	OPTIONAL	Type	€
	KM	*Kit mulching - deflectors for frequent cuts* *Kit mulching - déflecteurs pour coupes fréquents* *Mulching Kit - Deflektoren für häufige Schnitte* *Kit mulching - deflettori per tagli frequenti*	PRM 120 PRM 150 PRM 180 PRM 215 XRM 235	
	Cod.			€
	A	*Anti-scalp roller-land with speed bump* *Rouleau frontal - terrain avec dos* *Anti-Skalp Walze - Boden mit Unebenheiten* *Rullo antiscalpo - terreno con dossi*	XRM 235	
	Cod.		Type	€
	R1 **R2**	*Gear box 1000 RPM or 2000 RPM* *Boitier pour PDF à 1000/2000 tours* *Getriebe mit 1000 oder 2000 U/min* *Riduttori per PDF a 1000 o 2000 RPM*	1.000 rpm 2.000 rpm	
	Cod.			€
	P	*Pneumatic tires- soft lawn and land* *Roues pneumatiques - prairies et terrains doux* *Pneumatische Reifen - Wiesen und weiche Böden* *Ruote pneumatiche - prati e terreni soffici*		
	Cod.			€
	G	*Hard rubber wheel- no punctures* *Roues pleines grandes - sans perçages* *Volle und Breite Reifen - keine Reifenpanne* *Ruote piene larghe - no forature*		
	Cod.			€
	FM	*Front mount - Attelage frontal* *Frontanbau - Attacco anteriore*		

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
PRM 120	**130**	**120**	**60**
PRM 150	**160**	**120**	**60**
PRM 180	**190**	**120**	**60**
PRM 215	**220**	**120**	**60**
XRM 235	**240**	**120**	**60**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Single metal crate
Caisse Métallique unitaire
Einzelne Metall Palette
Cassa singola

Omega

3 - Gang mower
Tondeuse de finition
Feinarbeit Sichelmähwerk
Tagliaerba di finitura

HP

40 - 90

kW

30 - 75

rpm

540

cm 2-9 - inch 1-4

ENG

This gang mower is an excellent choice for sports fields, parks, large meadows, etc. thanks to its high quality components.

FRA

Il s'agit d'une machine professionnelle conçue avec des matériaux de haute qualité, pour résister aux nombres d'heures importantes exécutées pour tondre les garzons des grandes surfaces, comme les parcs d'espace verts, ou le terrains de golf.

DEU

Dieser Kombi-Mähwerk ist die richtige Wahl für Sportfelder, Parkanlagen, Wiesenflächen, usw wegen seine hochwertige Komponenten.

ITA

Di concezione professionale sia nella forma che nella qualità dei materiali impiegati, è adatta ad essere impiegata nei prati di grandi dimensioni, campi da golf, parchi ecc.

STANDARD FEATURES

- MAIN FRAME WITH 2 PNEUMATIC TIRES
- TRANSMISSION WITH WIDE ANGLE PTO SHAFT
- MOWERS RAISED AND LOWERED HYDRAULICALLY
- 3 PRM/XRM FINISHING MOWERS WITH CAST IRON GEARBOX 540 RPM AND BELT DRIVE
- REAR DISCHARGE AND OPTIONAL MULCHING SYSTEM
- ADJUSTABLE HEIGHT, PIVOTING WHEELS
- CATEGORY 5, UNIVERSAL SLIP CLUTCH - 1000 MM
- CENTRAL LUBRICATION
- ANTI-SCALP ROLLERS

CARACTÉRISTIQUES STANDARD

- CHÂSSIS TRAINÉ AVEC 2 ROUES PNEUMATIQUES
- TRANSMISSION AVEC CARDAN HOMOCINÉTIQUE ET CIRCUIT HYDRAULIQUE POUR LE RELEVAGE DES TROIS ÉLÉMENTS
- TONDEUSE DE FINITION 3 PRM/XRM: BOITIERS EN FONTE 540 T/MIN AVEC TRANSMISSION PAR COURROIES
- ÉJECTION ARRIÈRE AVEC L'OPTION KIT MULCHING
- HAUTEUR DE COUPE RÉGLABLE, ROUES PIVOTANTES RÉGLABLES
- CARDAN FRICTION STANDARD 5° CATÉGORIE - 1000 MM
- LUBRIFICATION CENTRALE
- ROULEAUX SCALPEURS

STANDARD EIGENSCHAFTEN

- ZUGRAHMEN MIT 2 LUFTREIFEN
- WEITWINKELGELENKWELLE UND HYDRAULIKSYSTEM ZUR HEBUNGT DER MÄHWERKE
- 3 PRM/XRM MÄHWERKE MIT: GUSSEISEN GETRIEBE 540 U/MIN
- KEILRIEMEN ANTRIEB
- HECKAUSWURF
- VORBEREITET FÜR DAS EINBAU EINES MULCH-SYSTEM
- DREHBARE STÜTZRÄDER HÖHENVERSTELLBAR
- STANDARD GELENKWELLE KATEGORIE 5 - 1000 MM
- ZENTRALSCHMIERUNG
- ANTISKALP WALZE

CARATTERISTICHE STANDARD

- TELAIO CARRELLATO CON 2 RUOTE PNEUMATICHE
- TRASMISSIONE CON CARDANI OMOCINETICI E IMPIANTO IDRAULICO PER IL SOLLEVAMENTO DEI TRE ELEMENTI
- 3 RASAERBA PRM/XRM: RIDUTTORI IN GHISA 540 G/MIN CON TRASMISSIONE A CINGHIA
- ELEMENTI CON SCARICO POSTERIORE CON POSSIBILITÀ OPZIONE KIT MULCHING
- ALTEZZA DI TAGLIO REGOLABILE E RUOTE PIVOTANTI
- CARDANO STANDARD 5° CATEGORIA FRIZIONE - 1000 MM
- LUBRIFICAZIONE CENTRALIZZATA
- RULLI ANTISCALPO

COD-MOD	hp	cm	in	120	150	180	215	235	kg	lbs	€
Omega 11	**40 - 90**	**330**	*132*	**3**					**1244**	*2743*	
Omega 12	**40 - 90**	**360**	*144*	**2**	**1**				**1261**	*2780*	
Omega 14	**40 - 90**	**420**	*168*		**3**				**1266**	*2791*	
Omega 15	**40 - 90**	**450**	*180*		**2**	**1**			**1270**	*2800*	
Omega 17	**40 - 90**	**510**	*204*			**3**			**1442**	*3179*	
Omega 19	**40 - 90**	**565**	*222*			**2**		**1**	**1479**	*3261*	
Omega 21	**40 - 90**	**635**	*240*				**2**	**1**	**1521**	*3353*	

	Cod.	OPTIONAL	Type	€
	KM	*Kit mulching - deflectors for frequent cuts* *Kit mulching - déflecteurs pour coupes fréquents* *Mulching Kit - Deflektoren für häufige Schnitte* *Kit mulching - deflettori per tagli frequenti*	PRM 120	
			PRM 150	
			PRM 180	
			PRM 215	
			XRM 235	

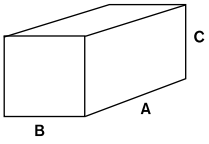
	Cod.			€
	O	*Wide- angle PTO shaft - closed curves* *Cardan homocinétique - virages très serrés* *Weitwinkelgelenkwelle - enge Kurven* *Cardano omocinetico - curve strette*		

	Cod.			€
	P	*Pneumatic tires- soft lawn and land* *Roues pneumatiques - prairies et terrains doux* *Pneumatische Reifen - Wiesen und weiche Böden* *Ruote pneumatiche - prati e terreni soffici*		

	Cod.			€
	G	*Hard rubber wheel- no punctures* *Roues pleines grandes - sans perçages* *Volle und Breite Reifen - keine Reifenpanne* *Ruote piene larghe - no forature*		

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Omega 11	**406**	**240**	**240**
Omega 12	**406**	**240**	**240**
Omega 14	**406**	**240**	**240**
Omega 15	**406**	**240**	**240**
Omega 17	**340**	**240**	**240**
Omega 19	**240**	**150**	**240**
Omega 21	**240**	**150**	**240**



TRUMPF
TruBend 5230

Bio shredders
Broyeurs a vegetaux
Holzhäcksler
Biotrituratori

BiOnda

5 Ø cm

G 210 /
GP 160 /
Electric

112 | 113

Pugio

5 - 6 Ø cm

GP 160 /
GP 200 / 3 P

114 | 115

Vulcan

5 - 7 Ø cm

G 420 /
GP 200 /
GX 270 / 3 P

116 | 117

Scutum

7 - 9 Ø cm

GX 270 /
GX 390 / 3 P

118 | 119

Argo

10 Ø cm

3 P

120 | 121

Scorpion

12 - 14 Ø cm

Scorpion
Scorpion NS

122 | 123

Back hoes
Retropelles
Dreipunkthydraulikbagger
Retroescavatori

RES 10

10 - 35 HP

124 | 125

RES 15/20/30

15 - 60 HP

126 | 127

Potato diggers
Arracheuses de pomme de terre
Kartoffelroder
Cavapatate

DM 50

12 - 30 HP

128

DM 100

30 - 50 HP

129

Bionda

Bio Shredder
Broyeur a végétaux
Holzhäcksler
Biotrituratore

Ø MAX cm 5 / 6 - inch 2

ENG

This bio shredder is suitable for semi- professional use. The quality/price ratio is one of the best in its field.

FRA

Ce broyeur composteur est indiqué pour une utilisation semi professionnelle et son rapport qualité/prix est incomparable dans sa catégorie.

DEU

Dieser Bio Häcksler ist für den semi professionellen Einsatz Konzipiert. Das Preis/Leistungs Verhältnis ist ausserordentlich in seiner Kategorie.

ITA

Trituratore adatto ad un utilizzo semi professionale. Il suo rapporto qualità/prezzo lo rende insuperabile nella sua categoria.

STANDARD FEATURES

- 1ST QUALITY STEEL FRAME, HIGH STRENGTH, THICKNESS 4 MM LASER CUT, MACHINE BENT AND WELDED BY ROBOT
- BELT DRIVE WITH TENSIONER
- ROTOR BALANCED ELECTRONICALLY, FORCED VENTILATION, STEEL BEARING SUPPORTS, HIGHLY RESISTANT STEEL SHAFT
- 6 SWINGING REVERSIBLE HAMMERS AND ONE BLADE OF HIGH RESISTANCE TEMPERED STEEL WITH QUICK REPLACEMENT SYSTEM
- ADJUSTABLE COUNTER BLADE, EASILY REPLACEABLE
- SELF-CLEANING SCREEN WITH LONGITUDINAL SLOTS AND QUICK REMOVAL SYSTEM
- TUBELESS TIRES Ø 200 MM WITH STEEL RIMS AND RUBBER TREAD

CARACTÉRISTIQUES STANDARD

- STRUCTURE EN ACIER DE PREMIÈRE QUALITÉ, HAUTE RÉSISTANCE, ÉPAISSEUR AU LASER DE 4 MM, PLIÉ ET SOUDÉ
- TRANSMISSION PAR COURROIE AVEC TENDEUR PAR VIS
- ROTOR: VENTILATION FORCÉE, SUPPORT ROULEMENTS EN FONTE; AXE EN ACIER
- 6 MARTEAUX REVERSIBLES ET UNE LAME EN ACIER TÉMPÉRÉ À HAUTE RÉSISTANCE AVEC SYSTÈME DE REMPLACEMENT RAPIDE EQUILIBRÉ ÉLECTRONIQUEMENT
- CONTRE-LAME RÉVERSIBLE À SECTION VARIABLE.
- AUTONETTOYAGE AVEC TAMIS LONGITUDINAUX ET DÉMONTAGE DU SYSTÈME RAPIDE
- ROUES DE DIAMÈTRE 200 MM PROFESSIONNELLES JANTE EN ACIER ET BANDE DE ROULEMENT EN CAOUTCHOUC

STANDARD EIGENSCHAFTEN

- STAHLRAHMEN, ERSTE QUALITÄT, WIDERSTANDSFÄHIG, 4 MM DICK WIRD MIT LASER GESCHNITTEN, AUTOMATISCH GEBOGEN UND MIT ROBOTERN GESCHWEISST
- KEILRIEMEN ANTRIEB (QUERSCHNITT B) MIT VERSTELLBAREM SPANNER.
- ROTOR AUS HOCHLEISTUNG-STAHL MIT LÜFTUNG, KUGELLAGER IN GUSSEISEN HALTERUNGEN ELEKTRONISCH AUSGEWUCHTET
- 6 REVERSIBLEN HÄMMERN UND EIN MESSER AUS GEHÄRTETEM STAHL MIT SCHNELLEN ERSATZSYSTEM
- LEICHT AUSTAUSCHBARES UND VERSTELLBARES GEGEN-MESSER
- SELBST-REINIGENDES SIEB, SCHNELL AUSWECHSELBAR, MIT LÄNGSSCHLITZE
- PNEUMATIK REIFEN 200 MM DURCHMESSER MIT STAHLFELGEN

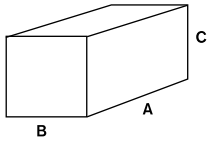
CARATTERISTICHE STANDARD

- STRUTTURA IN ACCIAIO DI PRIMA QUALITÀ, ALTA RESISTENZA, SPESSORE 4 MM, TAGLIATO, PIEGATO E SALDATO CON MACCHINARI CNC
- TRASMISSIONE A CINGHIA, CON TENDITORE A VITE
- ROTORE: VENTILAZIONE FORZATA, SUPPORTO CUSCINETTI IN GHISA, ASSE IN ACCIAIO AD ALTA RESISTENZA, BILANCIATO ELETTRONICMENTE
- 6 MARTELLI/COLTELLI IN ACCIAIO TEMPERATO AD ALTA RESISTENZA CON SISTEMA DI SOSTITUZIONE RAPIDA
- CONTROCOLTELLO INTERCAMBIABILE A SEZIONE VARIABILE
- FUNZIONE DI AUTOPULIZIA CON SETACCI LONGITUDINALI
- RUOTE PROFESSIONALI Ø 200 MM, CERCHI IN ACCIAIO E BATTISTRADA IN GOMMA

COD-MOD	version	hp	kW	Hz	cm Ø	in Ø	n.	n.	kg	lbs	€
BIONDA	**Loncin G 210**	**7**	**-**	**-**	**5**	*2"*	**1**	**6**	**75**	*165*	
BIONDA	**Honda GP 160**	**5,5**	**-**	**-**	**5**	*2"*	**1**	**6**	**78**	*172*	
E-BIONDA 220	**Electric 230V**	**-**	**3 kW**	**50**	**5**	*2"*	**1**	**6**	**85**	*187*	
E-BIONDA 400	**Electric 400/460V**	**-**	**3 kW**	**50/60**	**5**	*2"*	**1**	**6**	**85**	*187*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Bionda	**90**	**55**	**105**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Box + Pallet

Carton + Pallette

Box + Palette

Scatola + Pallet

Pugio

Bio Shredder
Broyeurs a vegetaux
Holzhäcksler
Biotrituratore

Ø MAX cm 5 / 6 - inch 2

ENG

This bio shredder is suitable for semi-professional use.

STANDARD FEATURES

- 1ST QUALITY STEEL FRAME, HIGHLY RESISTANT, ANTI VIBRATION, THICKNESS 5 MM LASER CUT, MACHINE BENT AND WELDED BY ROBOT
- BELT DRIVE (SECTION B) WITH TENSIONER
- ROTOR: FORCES VENTILATION, STEEL BEARING SUPPORTS, HIGHLY RESISTANT STEEL SHAFT
- 6 SWINGING REVERSIBLE HAMMERS AND ONE BLADE OF HIGH RESISTANCE TEMPERED STEEL WITH QUICK REPLACEMENT SYSTEM, BALANCED ELECTRONICALLY
- ADJUSTABLE COUNTER BLADE, EASILY REPLACEABLE
- SELF-CLEANING SCREEN WITH LONGITUDINAL SLOTS AND QUICK REMOVAL SYSTEM
- TUBELESS TIRES 210 MM DIAMETER WITH STEEL RIMS AND RUBBER TREAD
- PTO VERSION, CATEGORY 1 CARDAN SHAFT - 700 MM
- ENGINE VERSION: IT CAN BE SUPPLIED WITH HONDA GP160 OR GP200 ENGINE

FRA

Indiqué pour une utilisation semi professionnelle.

CARACTÉRISTIQUES STANDARD

- STRUCTURE EN ACIER DE HAUTE QUALITÉ, POUR RESISTER AUX FORTES CONTRAINTES DE BROYAGES ÉPASSIEUR DES TOLES 5 MM DECOUPE LASER, PLIÉ ET SOUDÉ
- ROTOR: VENTILATION FORCÉE, SUPPORT ROULEMENTS EN FONTE; AXE EN ACIER
- ROTOR EQUIPÉ DE 6 MARTEAUX REVERSIBLES EN ACIER HAUTE RÉSISTANCE AVEC SYSTÈME DE REMPLACEMENT RAPIDE EQUILIBRÉ ÉLECTRONIQUEMENT
- CONTRE-LAME RÉVERSIBLE À SECTION VARIABLE
- AUTONETTOYAGE AVEC TAMIS LONGITUDINAUX ET DÉMONTAGE DU SYSTÈME RAPIDE
- ROUES DE DIAMÈTRE 210 MM PROFESSIONNELLES. JANTE EN ACIER ET BANDE DE ROULEMENT EN CAOUTCHOUC
- VERSION PDF, CARDAN 1°CATÉGORIE - 700 MM
- VERSION MOTEUR: FOURNI AVEC MOTEUR HONDA GP160 OU GP200

DEU

Dieser Bio Häcksler ist für den semi professionellen Einsatz geeignet.

STANDARD EIGENSCHAFTEN

- STAHLRAHMEN, ERSTE QUALITÄT, WIDERSTANDSFÄHIG, 5 MM DICK UM VIBRATIONEN ZU VERMEIDEN, WIRD MIT LASER GESCHNITTEN, AUTOMATISCH GEBOGEN UND MIT ROBOTER GESCHWEIßT
- KEILRIEMEN ANTRIEB (QUERSCHNITT B) MIT VERSTELLBARER SPANNER
- ROTOR AUS HOCHLEISTUNG-STAHL MIT LÜFTUNG, KUGELLAGER IN GUßEISEN HALTERUNGEN
- 6 REVERSIBLEN HÄMMERN UND EIN MESSER AUS GEHÄRTETEM STAHL MIT SCHNELLEN ERSATZSYSTEM
- LEICHT AUSTAUCHBARES UND VERSTELLBARES GEGEN-MESSER
- SELBST-REINIGENDES SIEB, SCHNELL AUSWECHSELBAR, MIT LÄNGSSCHLITZE
- PNEUMATIK REIFEN 210 MM DURCHMESSER MIT STAHLFELGEN
- PTO VERSION MIT KATEGORIE 1 GELENKWELLE - 700 MM
- MOTOR VERSION: LIEFERUNG ENTHÄLT HONDA MOTOR GP160 ODER GP200

ITA

Trituratore adatto ad un utilizzo semi professionale.

CARATTERISTICHE STANDARD

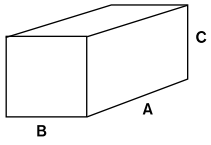
- STRUTTURA IN ACCIAIO DI PRIMA QUALITÀ, ALTA RESISTENZA, ANTI-VIBRAZIONI, SPESSORE 5 MM, TAGLIATO, PIEGATO E SALDATO CON MACCHINARI CNC
- TRASMISSIONE A CINGHIA, SEZIONE B, CON TENDITORE A VITE ROTORE: VENTILAZIONE FORZATA, SUPPORTO CUSCINETTI IN GHISA, ASSE IN ACCIAIO AD ALTA RESISTENZA
- DOTATO DI 6 MARTELLI/COLTELLI IN ACCIAIO TEMPERATO AD ALTA RESISTENZA CON SISTEMA DI SOSTITUZIONE RAPIDA, BILANCIATO ELETTRONICAMENTE
- CONTROCOLTELLO INTERCAMBIABILE A SEZIONE VARIABILE
- FUNZIONE DI AUTOPULIZIA CON SETACCI LONGITUDINALI
- RUOTE PROFESSIONALI 210 MM DI DIAMETRO CON CERCHI IN ACCIAIO E BATTISTRADA IN GOMMA
- VERSIONE PTO, CARDANO 1° CATEGORIA - 700 MM
- VERSIONE MOTORE: FORNITO CON MOTORE HONDA GP160 O GP200

COD-MOD	version	hp	cm	in	n.	n.	kg	lbs	€
PUGIO GP 160	**Honda GP 160**	**5,5**	**5 - 6**	*1,6-2"*	**1**	**6**	**90**	*198*	
PUGIO GP 200	**Honda GP 200**	**6,5**	**5 - 6**	*1,6-2"*	**1**	**6**	**97**	*214*	
PUGIO 3P	**Tractor PTO 3P**	**10 - 30**	**5 - 6**	*1,6-2"*	**1**	**6**	**97**	*214*	

	Cod.	OPTIONAL	€
	T	*3 point hitch for tractor PTO* *Attelage à la prise de force du tracteur* *Anschluss an der Zapfwelle des Traktors* *Attacco alla PDF del trattore*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Pugio	**90**	**72**	**105**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Box + Pallet

Carton + Pallette

Box + Palette

Scatola + Pallet

Vulcan

Bio Shredder
Broyeurs a vegetaux
Holzhäcksler
Biotrituratore

Ø MAX cm 5 - 7 - inch 2

ENG

Bio shredder designed for semi-professional use. It guarantees reliable and efficient operation.

FRA

Broyeur de branche étudié pour une utilisation semi-professionnel. Il assure un travail sur et efficace.

DEU

Für den semiprofessionellen Einsatz geeignet. Er Garantiert sichere und effektive Häckselarbeiten.

ITA

Trituratore studiato per un utilizzo semi-professionale. Garantisce una lavorazione sicura ed efficace.

STANDARD FEATURES

- 1ST QUALITY STEEL FRAME, HIGHLY RESISTANT, ANTI VIBRATION, THICKNESS 5 MM LASER CUT, MACHINE BENT AND WELDED BY ROBOT
- BELT DRIVE (SECTION B) WITH TENSIONER
- ROTOR: FORCES VENTILATION, STEEL BEARING SUPPORTS, HIGHLY RESISTANT STEEL SHAFT
- 6 SWINGING REVERSIBLE HAMMERS AND TWO BLADES OF HIGH RESISTANCE TEMPERED STEEL WITH QUICK REPLACEMENT SYSTEM, BALANCED ELECTRONICALLY
- ADJUSTABLE COUNTER BLADE, EASILY REPLACEABLE
- SELF-CLEANING SCREEN WITH LONGITUDINAL SLOTS AND QUICK REMOVAL SYSTEM
- TUBELESS TIRES 210 MM DIAMETER WITH STEEL RIMS AND RUBBER TREAD
- PTO VERSION, CATEGORY 1 CARDAN SHAFT - 700 MM
- ENGINE VERSION: IT CAN BE SUPPLIED WITH HONDA GP200 OR GX270 ENGINE

CARACTÉRISTIQUES STANDARD

- STRUCTURE EN ACIER DE HAUTE QUALITÉ, POUR RESISTER AUX FORTES CONTRAINTES DE BROYAGES ÉPASSIEUR DES TOLES 5 MM DECOUPE LASER, PLIÉ ET SOUDÉ
- ROTOR: VENTILATION FORCÉE, SUPPORT ROULEMENTS EN FONTE; AXE EN ACIER
- ROTOR EQUIPÉ DE 6 MARTEAUX REVERSIBLES EN ACIER HAUTE RÉSISTANCE AVEC SYSTÈME DE REMPLACEMENT RAPIDE EQUILIBRÉ ÉLECTRONIQUEMENT
- CONTRE-LAME RÉVERSIBLE À SECTION VARIABLE
- AUTONETTOYAGE AVEC TAMIS LONGITUDINAUX ET DÉMONTAGE DU SYSTÈME RAPIDE
- ROUES DE DIAMÈTRE 210 MM PROFESSIONNELLES. JANTE EN ACIER ET BANDE DE ROULEMENT EN CAOUTCHOUC
- VERSION PDF, CARDAN 1°CATÉGORIE - 700 MM
- VERSION MOTEUR: FOURNI AVEC MOTEUR HONDA GP200 OU GX270

STANDARD EIGENSCHAFTEN

- STAHLRAHMEN, ERSTE QUALITÄT, WIDERSTANDSFÄHIG, 5 MM DICK UM VIBRATIONEN ZU VERMEIDEN, WIRD MIT LASER GESCHNITTEN, AUTOMATISCH GEBOGEN UND MIT ROBOTER GESCHWEIßT
- KEILRIEMEN ANTRIEB (QUERSCHNITT B) MIT VERSTELLBARER SPANNER
- ROTOR AUS HOCHLEISTUNG-STAHL MIT LÜFTUNG, KUGELLAGER IN GUßEISEN HALTERUNGEN
- 6 REVERSIBLEN HÄMMERN UND EIN MESSER AUS GEHÄRTETEM STAHL MIT SCHNELLEN ERSATZSYSTEM
- LEICHT AUSTAUCHBARES UND VERSTELLBARES GEGEN-MESSER
- SELBST-REINIGENDES SIEB, SCHNELL AUSWECHSELBAR, MIT LÄNGSSCHLITZE
- PNEUMATIK REIFEN 210 MM DURCHMESSER MIT STAHLFELGEN
- PTO VERSION MIT KATEGORIE 1 GELENKWELLE - 700 MM
- MOTOR VERSION: LIEFERUNG ENTHÄLT HONDA MOTOR GP200 ODER GX270

CARATTERISTICHE STANDARD

- STRUTTURA IN ACCIAIO DI PRIMA QUALITÀ, ALTA RESISTENZA, SPESSORE 5 MM, TAGLIATO, PIEGATO E SALDATO CON MACCHINARI CNC
- TRASMISSIONE A CINGHIA, SEZIONE B, CON TENDITORE A VITE ROTORE: VENTILAZIONE FORZATA, SUPPORTO CUSCINETTI IN GHISA, ASSE IN ACCIAIO AD ALTA RESISTENZA
- DOTATO DI 6 MARTELLI, 2 COLTELLI IN ACCIAIO TEMPERATO AD ALTA RESISTENZA CON SISTEMA DI SOSTITUZIONE RAPIDA, BILANCIATO ELETTRONICAMENTE
- CONTROCOLTELLO INTERCAMBIABILE A SEZIONE VARIABILE
- FUNZIONE DI AUTOPULIZIA CON SETACCI LONGITUDINALI
- RUOTE PROFESSIONALI 210 MM DI DIAMETRO CON CERCHI IN ACCIAIO E BATTISTRADA IN GOMMA
- VERSIONE PTO, CARDANO 1° CATEGORIA - 700 MM
- VERSIONE MOTORE: FORNITO CON MOTORE HONDA GP200 O GX270

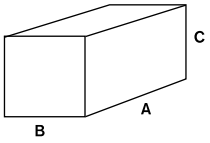
COD-MOD	version	hp	cm	in	n.	n.	kg	lbs	€
VULCAN GP 200	**Honda GP 200**	**6,5**	**5 - 7**	*1,6 - 2"*	**2**	**6**	**109**	*240*	
VULCAN GX 270	**Honda GX 270**	**9**	**5 - 7**	*1,6 - 2"*	**2**	**6**	**118**	*260*	
VULCAN GX 390	**Honda GX 390**	**13**	**5 - 7**	*1,6 - 2"*	**2**	**6**	**130**	*260*	
VULCAN G 420	**Loncin G 420**	**14**	**5 - 7**	*1,6 - 2"*	**2**	**6**	**156**	*240*	
VULCAN 3P	**Tractor PTO 3P**	**10 - 30**	**5 - 7**	*1,6 - 2"*	**2**	**6**	**122**	*269*	

	Cod.	OPTIONAL	€
	T	*3 point hitch for tractor PTO* *Attelage à la prise de force du tracteur* *Anschluss an der Zapfwelle des Traktors* *Attacco alla PDF del trattore*	

	Cod.		€
	KP	*Extension of ejection tube 1,80 m* *Rallonge du tuyau d'éjection 1,80 m* *Auswurfverlängerungsrohr 1,80 m* *Prolunga del tubo di scarico a h 1,80 m*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Vulcan	**90**	**55**	**105**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Box + Pallet

Carton + Pallette

Box + Palette

Scatola + Pallet

Scutum

Bio Shredder
Broyeurs a vegetaux
Holzhäcksler
Biotrituratore

Ø MAX cm 7 - 9 - inch 3

ENG

This bio shredder is both reliable and safe. It surpassed all the tests to assure the safety of the operator and assure the shredding performance with top marks.

STANDARD FEATURES

- 1ST QUALITY STEEL FRAME, HIGH STRENGHT, ANTI VIBRATION, THICKNESS 5 MM LASER CUT, MACHINE BENT AND WELDED BY ROBOT
- "V" BELT TRANSMISSION SECTION B WITH TENSIONER
- ROTOR: FORCED VENTILATION, STEEL BEARING SUPPORTS, HIGHLY RESISTANT STEEL SHAFT
- 6 SWINGING REVERSIBLE HAMMERS AND 2 BLADES OF HIGHLY RESISTANT TEMPERED STEEL WITH QUICK REPLACEMENT SYSTEM, BALANCED ELECTRONICALLY
- 2 ADJUSTABLE COUNTER BLADES, EASILY REPLACEABLE.
- SELF CLEANING SCREEN WITH LONGITUDINAL SLOTS AND QUICK REMOVAL SYSTEM
- PNEUMATIC TIRES 330 MM DIAMETER
- PTO VERSION WITH CATEGORY 1, UNIVERSAL PTO SHAFT - 700 MM
- ENGINE VERSION: IT CAN BE SUPPLIED WITH HONDA GX270 OR GX390 ENGINE

FRA

Machine sûre, elle a depuis toujours dépassé toutes les essais et les contrôles qualité afin d'assurer au client final la sécurité et l'efficacité nécéssaire pour un parfait broyage.

CARACTÉRISTIQUES STANDARD

- STRUCTURE EN ACIER DE HAUTE. ÉPAISSEUR AU LASER DE 5 MM, PLIÉ ET SOUDÉ
- TRANSMISSION PAR COURROIE SECTION B AVEC TENDEUR À VIS
- ROTOR: VENTILATION FORCÉE, SUPPORTS ROULEMENTS EN ACIER, AXE EN ACIER
- ROTOR ÉQUILIBRÉ DE 6 MARTEAUX RÉVERSIBLES ET 2 LAMES EN ACIER TÉMPÉRÉ À HAUTE RÉSISTANCE TECHNIQUE AVEC SYSTÈME DE REMPLACEMENT RAPIDE EQUILIBRÉ ÉLECTRONIQUEMENT
- 2 CONTRE LAMES INTERCHANGEABLES REGLABLES POUR DETERMINER LA SECTION
- AUTONETTOYAGE AVEC TAMIS LONGITUDINAUX ET DÉMONTAGE RAPIDE DU SYSTÈME
- ROUES DE 330 MM DE DIAMÈTRE
- VERSION PTO AVEC CARDAN STANDARD 1° CATÉGORIE - 700 MM
- VERSION MOTEUR: FOURNI AVEC MOTEUR HONDA GX270 OU GX390

DEU

Dieser Bio Häcksler ist Zuverlässig und Sicher. Es hat alle Prüfungen zur Sicherheit des Bedieners und zur guter Häckselleistung mit gute Noten bestanden.

STANDARD EIGENSCHAFTEN

- STAHLRAHMEN, ERSTE QUALITÄT, WIDERSTANDSFÄHIG, 5 MM DICK UM VIBRATIONEN ZU VERMEIDEN, WIRD MIT LASER GESCHNITTEN, AUTOMATISCH GEBOGEN UND MIT ROBOTER GESCHWEISST
- KEILRIEMEN ANTRIEB (QUERSCHNITT B) MIT VERSTELLBARER SPANNER
- ROTOR AUS HOCHLEISTUNG-STAHL MIT LÜFTUNG, KUGELLAGER IN GUSSEISEN HALTERUNGEN
- 6 REVERSIBLEN HÄMMERN UND ZWEI LEICHT AUSTAUCHBAREN, TEMPERIERTEN STAHLMESSERN, WERDEN ELEKTRONISCH AUSGEWUCHTET
- ZWEI LEICHT AUSTAUCHBARE UND VERSTELLBARE GEGEN-MESSER
- SELBSTREINIGENDES SIEB, SCHNELL AUSWECHSELBAR, MIT LÄNGSSCHLITZE
- PNEUMATIK REIFEN 330 MM DURCHMESSER
- PTO VERSION MIT KATEGORIE 1 GELENKWELLE - 700 MM
- MOTOR VERSION: LIEFERUNG ENTHÄLT HONDA MOTOR GX270 ODER GX390

ITA

Macchina di assoluta affidabilità, ha superato con lode tutti i test effettuati per assicurare all'utente massima sicurezza ed efficacia nelle lavorazioni di triturazione.

CARATTERISTICHE STANDARD

- STRUTTURA IN ACCIAIO DI PRIMA QUALITÀ, ALTA RESISTENZA, ANTI-VIBRAZIONI. SPESSORE 5 MM, TAGLIATO, PIEGATO E SALDATO CON MACCHINARI A CNC
- TRASMISSIONE A CINGHIA, SEZIONE B, CON TENDITORE A VITE
- ROTORE: VENTILAZIONE FORZATA, SUPPORTO CUSCINETTI IN ACCIAIO, ASSE IN ACCIAIO AD ALTA RESISTENZA
- DOTATO DI 6 MARTELLI, 2 COLTELLI IN ACCIAIO TEMPRATO AD ALTA RESISTENZA CON SISTEMA DI SOSTITUZIONE RAPIDA, BILANCIATO ELETTRONICAMENTE
- 2 CONTROCOLTELLI INTERCAMBIABILI A SEZIONE VARIABILE
- FUNZIONE DI AUTOPULIZIA CON SETACCI LONGITUDINALI
- RUOTE PNEUMATICHE PROFESSIONALI 330 MM DI DIAMETRO
- VERSIONE PTO CON CARDANO STANDARD 1° CATEGORIA - 700 MM
- VERSIONE MOTORE: FORNITO CON MOTORE HONDA GX270 O GX390

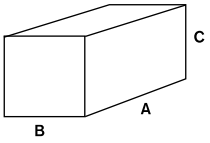
COD-MOD	version	hp	cm	in	n.	n.	kg	lbs	€
SCUTUM GX 270	**Honda GX 270**	**9**	**7 - 9**	*3"*	**2**	**6**	**145**	*320*	
SCUTUM GX 390	**Honda GX 390**	**13**	**7 - 9**	*3"*	**2**	**6**	**150**	*331*	
SCUTUM 3P	**Tractor PTO 3P**	**10 - 45**	**7 - 9**	*3"*	**2**	**6**	**150**	*331*	

	Cod.	OPTIONAL	€
	T	*3 point hitch for tractor PTO* *Attelage à la prise de force du tracteur* *Anschluss an der Zapfwelle des Traktors* *Attacco alla PDF del trattore*	

	Cod.		€
	KP	*Extension of ejection tube 1,80 m* *Rallonge du tuyau d'éjection 1,80 m* *Auswurfverlängerungsrohr 1,80 m* *Prolunga del tubo di scarico a h 1,80 m*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Scutum	**110**	**55**	**120**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Box + Pallet

Carton + Pallette

Box + Palette

Scatola + Pallet

Argo

Bio Shredder
Broyeurs a vegetaux
Holzhäcksler
Biotrituratore

Ø MAX cm 10 - inch 4

ENG

A professional chipper/ shredder with gravity-feed and high-level discharge. Reliability and safety are key elements of this machine.

FRA

Broyeur à végétaux professionnel avec haut tube de déchargement. Confiance et sécurité sont les pont de force de cette machine.

DEU

Ein Profi-Häcksler mit Manueller Holzeinzug und hohem Schnittgut-Auswurf. Zuverlässigkeit und Sicherheit sind die Hauptmerkmale dieser Maschine.

ITA

Macchina di assoluta affidabilità, ha superato con lode tutti i test effettuati per assicurare all'utente massima sicurezza ed efficacia nelle lavorazioni di triturazione.

STANDARD FEATURES

- HIGHLY RESISTANT STEEL FRAME, CUT, BENT AND WELDED BY ROBOT
- V BELT TRANSMISSION WITH 2 BELTS (SECTION B) WITH SCREW TENSIONER
- 3 POINT HITCH, CATEGORY 4 PTO SHAFT
- 4 REVERSIBLE CHIPPING BLADES OF HIGH RESISTANCE STEEL MOUNTED ON A VENTILATED DISC.
- QUICK ACCESS TO THE ROTOR FOR EASY BLADES REPLACEMENT.
- CHIPPER DISC HAS STEEL BEARING SUPPORTS AND IS ELECTRONICALLY BALANCED.
- SELF-FEED (GRAVITY) HOPPER, CHIPPING DISC PULLS BRANCHES IN AS IT CHIPS, MAX DIAMETER 110MM (4.5 INCH).
- MATERIAL DISCHARGE 1.5M (5 FOOT) HIGH AND 360° ADJUSTABLE

CARACTÉRISTIQUES STANDARD

- STRUCTURE EN ACIER DE PREMIERE QUALITE, HAUTE RESISTANCE, PLIEE ET SOUDEE.
- TRANSMISSION PAR 2 COURROIES SECTION B AVEC TENDEUR A VIS
- ATTELAGE 3 POINT CARDAN CATEGORIE 4.
- DISQUE PORTE LAMES VENTILE AVEC SUPPORT EN ACIER, SUPPORT ROULEMENT ET AXE EN ACIER TEMPERE. EPAISSEUR DU DISQUE.
- 4 COUTEAUX REVERSIBLES EN ACIER TEMPERE AVEC SYSTEME DE DEMONTAGE RAPIDE, EQUILIBRE ELECTRONIQUEMENT. SYSTEME D'ACCES RAPIDE AU ROTOR.
- ALIMENTATION INDIPENDENT, AVEC PALETTES D'EVACUATION
- TUYAU D'EJECTION JUSQU'A 1,5M ET TOURNANT A 360°.
- DIAMETRE BROYABLE JUSQU'A

STANDARD EIGENSCHAFTEN

- STAHLRAHMEN MIT HOHEM WIDERSTAND, VON ROBOTER GESCHNITTEN, GEBOGEN UND GESCHWEISST.
- ANTRIEB MIT 2 V-KEILRIEMEN (SEKTION B) MIT SCHRAUBSPANNER.
- 3-PUNKT-ANSCHLUSS, GELENKWELLE KATEGORIE 4.
- 4 UMKEHRBARE STAHLMESSER AUS HOCH WIDERSDTANDS STAHL AUF BELÜFTETE SCHEIBE MONTIERT.
- SCHNELLER ZUGANG ZU DEN ROTOR FÜR EINFACHER AUSTAUSCH DER MESSER.
- MESSER SCHEIBE HAT STAHL LAGERHALTERUNGEN UND WIRD ELEKTRONISCH AUSGEWUCHTET
- HOLZ (MAX. DIAMETER 110MM) WIRD MANUELL IM TRICHTER GETAN UND VON MESSERSCHEIBE EINGEZOGEN.
- AUSWURF 1,5M HOCH UND 360° EINSTELLBAR.

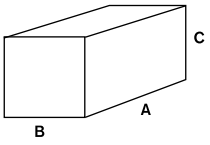
CARATTERISTICHE STANDARD

- TELAIO IN ACCIAIO AD ALTA REISTENZA, TAGLIATO, PIEGATO E SALDATO DA ROBOT.
- TRASMISSIONE A 2 CINGHIE "V" (SEZIONE B) CON TENDITORE A VITE.
- ATTACCO A 3 PUNTI, CARDANO DI 4° CATEGORIA. 4 LAME REVERSIBILI IN ACCIAIO AD ALTA RESISTENZA MONTATE SU DISCO VENTILATO.
- ACCESSO RAPIDO AL ROTORE, FACILE SOSTITUZIONE DELLE LAME.
- ROTORE EQUILIBRATO ELETTRONICAMENTE MONTATO SU SUPPORTI IN ACCIAIO.
- ROTORE AUTOALIMENTATO CON SISTEMA DI VENTILAZIONE.
- SCARICO A 1,5M, REGOLABILE A 360°, DIAMETRO MASSIMO DI TAGLIO 110MM (4,5 POLLICI)

COD-MOD	version		hp	cm	in	n.	kg	lbs	€
ARGO 3P	**Direct Transmission**	**-**	**20 - 80**	**10**	*4*	**4**	**215**	*474*	
ARGO 3P	**Tractor PTO 3P**	**2**	**20 - 80**	**10**	*4*	**4**	**215**	*474*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Argo	**170**	**120**	**170**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Pallet
Pallette
Palette
Pallet

Scorpion

Bio Shredder
Broyeurs a vegetaux
Holzhäcksler
Biotrituratore

Ø MAX cm 12-14 - inch 5

ENG

A professional chipper/ shredder with high level discharge. A “No Stress” version is available which automatically adjusts the feed rollers to prevent the engine swintching-off of the tractor. Reliability and safety are key elements of this machine.

STANDARD FEATURES

- HIGHLY RESISTANT STEEL FRAME, CUT, BENT AND WELDED BY ROBOT
- V BELT TRANSMISSION WITH 2 BELTS (SECTION B) WITH SPRING LOADED TENSIONER
- VENTILATED HOLDER DISC, STEEL BEARING SUPPORTS, ROTOR SHAFT IN HIGH RESISTANCE STEEL, DISC 35 MM THICKNESS AND 500 MM DIAMETER
- QUICK ACCESS TO BLADE HOLDER FOR EASY BLADE REPLACEMENT
- 4 REVERSIBLE BLADES OF HIGH RESISTANCE STEEL
- INDEPENDENT HYDRAULIC SYSTEM. FEED ROLLER WITH INVERSION DEVICE AND SECURITY VALVE
- 3 POINT HITCH, CATEGORY 4 PTO SHAFT - 700 MM
- DISCHARGE 2 M HIGH AND ADJUSTABLE 360°. MAX WOOD CUT DIAMETER 140 MM (5 INCH.)

FRA

Broyeur à végétaux professionnel avec goulotte de 2 mètres orientable 360° de de chargement. La version “No Stress” est disponible et règle automatiquement le rouleau d'alimentation afin d'eviter l'arrêt du moteur du tracteur. Robustesse et sécurité sont les points de force de cette machine.

CARACTÉRISTIQUES STANDARD

- STRUCTURE EN ACIER DE PREMIÈRE QUALITÉ, HAUTE RESISTENCE, COUPÉE, PLIÉE ET SOUDÉE AVEC MACHINES À CNC
- TRANSMISSION PAR 2 COURROIES SECTION B AVEC TENDEUR À RESSORT
- DISQUE PORTE LAMES VENTILÉ AVEC SUPPORTS EN ACIER, SUPPORT ROULEMENTS ET AXE EN ACIER TREMPÉ. ÉPAISSEUR DU DISQUE 35 MM, DIAMÈTRE 500 MM
- SYSTÈME D'ACCÈS RAPIDE AU DISQUE PORTE LAMES
- 4 COUTEAUX RÉVERSIBLES EN ACIER TREMPÉ AVEC SYSTÈME DE DÉMONTAGE RAPIDE, ÉQUILIBRÉ ÉLECTRONIQUEMENT.
- ATTELAGE 3 P. CARDAN CATÉGORIE 4 - 700 MM
- CIRCUIT HYDRAULIQUE INDÉPENDANT. ROULEAU D'ALIMENTATION HYDRAULIQUE, AVEC DISPOSITIF D'INVERSION ET VALVE DE SÉCURITÉ
- TUYAU D'ÉJECTION JUSQU'À 2 M ET TOURNANT À 360°. DIAMÈTRE DE COUPE JUSQU'À 140 MM

DEU

Ein Profi-Häcksler mit hydraulischer Zufuhr und hohen Auswurf. Eine “No Stress” Version mit automatischer Regelung der Einzugeschwindigkeit zur Vermeidung der Überlastung verfügbar. Zuverlässigkeit und Sicherheit sind hier an erster Stelle.

STANDARD EIGENSCHAFTEN

- WIDERSTANDSFÄHIGER STAHLRAHMEN AUS ERSTER QUALITÄT, STAHL AUS HOHER RESISTENZ, WIRD MIT CNC MASCHINEN GESCHNITTEN, GEBOGEN UND GESCHWEISST
- ANTRIEB MIT 2 V-KEILRIEMEN (QUERSCHNITT N) MIT FEDER GESPANNT
- 4 REVERSIBLEN MESSERN AUS HOCHLEISTUNGSSTAHL SIND AN EINE GELÜFTETE SCHEIBE (35 MM DICK UND 500 MM DURCHMESSER) BEFESTIGT
- SCHELLZUGANG ZUR SCHEIBE FÜR SCHNELLEM MESSERWECHSEL
- DREIPUNKTBOCK MIT 4 HOCHLEISTUNGSSTAHL REVERSIBEL MESSERN AUSGESTATTET - 700 MM
- UNABHÄNGIGES HYDRAULIK SYSTEM. EINZUGSROLLE MIT UMKEHRFUNKTION UND SICHERHEITSVENTIL
- AUSWURF BIS 2M UND UM 360° DREHBAR. HOLZ DURCHMESSER BIS 140 MM

ITA

Biotrituratore professionale con alto tubo di scarico. È disponibile la versione “No Stress” che regola automaticamente il rullo di alimentazione al fine di prevenire lo spegnimernto del motore del trattore. Affidabilità e sicurezza sono i punti forza di questa macchina.

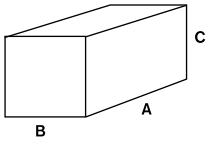
CARATTERISTICHE STANDARD

- STRUTTURA IN ACCIAIO DI PRIMA QUALITÀ, ALTA RESISTENZA, TAGLIATA, PIEGATA E SALDATA CON MACCHINARI A CNC
- TRASMISSIONE A 2 CINGHIE, SEZIONE B, CON TENDITORE A MOLLA
- DISCO PORTALAME VENTILATO, SUPPORTI CUSCINETTI IN ACCIAIO; ASSE IN ACCIAIO AD ALTA RESISTENZA. SPESSORE DEL DISCO 35 MM E DIAMETRO 500 MM
- SISTEMA DI ACCESSO RAPIDO AL DISCO PORTALAME
- DOTATO DI 4 COLTELLI REVERSIBILI IN ACCIAIO SPECIALE AD ALTA RESISTENZA
- ATTACCO A 3 PUNTI, CARDANO CATEGORIA 4 - 700 MM
- CIRCUITO IDRAULICO INDIPENDENTE. RULLO DI ALIMENTAZIONE IDRAULICO CON DISPOSITIVO DI INVERSIONE E VALVOLA DI SICUREZZA
- TUBO DI SCARICO FINO A 2 M, ORIENTABILE A 360°. DIAMETRO DI TAGLIO FINO A 140 MM

COD-MOD	NO STRESS SYSTEM	hp	cm	in	n.	kg	lbs	€
Scorpion	**NO**	**20 - 80**	**12**	*5"*	**4**	**380**	*838*	
Scorpion NO STRESS	**YES**	**20 - 80**	**12-14**	*5"*	**4**	**380**	*838*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
Scorpion	**180**	**130**	**145**
Scorpion NS	**180**	**130**	**145**



PACKAGING - EMBALLAGE - VERPACKUNG - IMBALLAGGI

Pallet
Pallette
Palette
Pallet

RES 10

Back hoe
Retropelle
Dreipunkthydraulikbagger
Retroescavatore

HP

10 - 35

kW

8 - 25

rpm

540

cm 145 - inch 57

ENG

Technology, design and long life add value to this back hoe. It is a leader in the small and medium size digging equipment market from 10-35 HP.

FRA

Téchnologie, design, et durabilité sont les peculiarités de cette pelle rétro; la RES répresente le leader incontesté dans la petite et moyenne gamme du marché de l'equipement du creusement pour des tracteur à partir de 10 jusqu'à 35 CV.

DEU

Technologie, Konzept und Langlebigkeit erhöhen den Wert dieser Heckbagger. Es ist führend im Markt von klein und mittel grossen Baggern von 10-35 PS.

ITA

Tecnologia, design e durata aggiungono valore a questo retroescavatore; leader incontrastato nel mondo della piccola e media movimentazione di terra, da 10 a 35 HP.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 AND 2
- PTO DRIVEN HYDRAULIC PUMP WITH GEARBOX FOR 540 RPM
- INDEPENDENT HYDRAULIC SYSTEM AND HYDRAULIC OIL TANK WITH 13 LITRES OIL CAPACITY
- 6 HYDRAULIC CYLINDERS
- ADJUSTABLE TILT SEAT
- DIGGING BUCKET MODEL EXL 25
- 3 POINT STABILIZER KIT STANDARD

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE
- POMPE À ENGRENAGES HYDRAULIQUE ACTIONNÉE PAR UNE PRISE DE FORCE DE 540 TOURS
- CAPACITÉ DU RÉSERVOIR D'HUILE HYDRAULIQUE 13 LITRES
- 6 VÉRINS HYDRAULIQUES
- SIÈGE EN POSITION RELEVÉE, RÉGLABLE ET INCLINABLE
- GODET D'EXCAVATION MODÈLE EXL 25
- DISPOSITIF STABILISATEUR DE SERIE

STANDARD EIGENSCHAFTEN

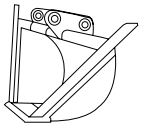
- DREIPUNKTBOCK-ANSCHLUSS KATEGORIE 1 UND 2
- HYDRAULIKPUMPE VON ZAPFWELLE ANGETRIEBEN AUS ALUMINIUM MIT ÜBERSETZUNGSGETRIEBE 540 U/MIN
- EIGENSTÄNDIGER HYDRAULIKKREIS MIT HYDRAULIK-PUMPE UND HYDRAULIKÖLBEHÄLTER (13 LITER)
- 6 HYDRAULIKKOLBEN
- SITZ KIPPBAR UND EINSTELLBAR
- TIEFLÖFFEL MODELL EXL 25
- HECKBAGGERSTABILISATOR ENTHALTEN

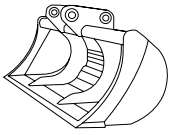
CARATTERISTICHE STANDARD

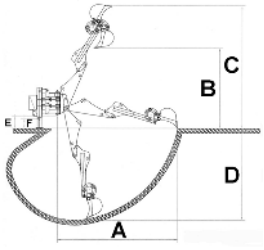
- ATTACCO A 3 PUNTI 1° E 2° CATEGORIA
- POMPA IDRAULICA AD INGRANAGGI AZIONATA DA PDF A 540 G/MIN.
- CAPACITÀ SERBATOIO OLIO 13 LITRI
- 6 CILINDRI IDRAULICI
- SEDILE POSIZIONE RIALZATA REGOLABILE E RIBALTABILE
- BENNA SCAVO MODELLO EXL 25
- DISPOSITIVO DI STABILIZZAZIONE DEL 3-PUNTO DIE SERIE

COD-MOD	hp		cm	in	kg	lbs	€
RES 10	**10 - 35**	**EXL 20**	**110**	*44"*	**246**	*542*	

Cod.	OPTIONAL	€
	EXL	*Digging bucket EXL 20 (included in the price)* *Godet excavation EXL 20 (inclus dans le prix)* *Tieflöffel mod. EXL 20 (im Preis enthalten)* *Benna scavo EXL 20 (incluso nel prezzo)*

Cod.		€
	**TRL**	*Trapezoidal bucket TRL 60/2* *Godet trapézöidale TRL 60/2* *Trapezlöffel mod. TRL 60/2* *Benna trapezoidale TRL 60/2*

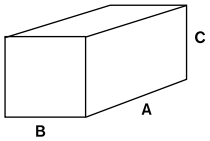
Cod.		€
	**PFL**	*Trench cleaning bucket PFL 80* *Godet de curage modèle PFL 80* *Reinigungslöffel mod. PFL 80* *Benna pulizia fossi modello PFL 80*



cm	RES 10
A	220
B	160
C	230
D	130
E	40
F	30

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
RES 10	**120**	**80**	**180**



RES 15 - 20 - 30

Back hoe
Retropelle
Dreipunkthydraulikbagger
Retroescavatore

HP

15 - 60

kW

12 - 45

rpm

540

cm 130 - 155 - 180
inch 52 - 61 - 71

ENG

Technology, design and long-standing raise more value to the back hoe. It is a leader in a small and medium size digging equipment market from 15 to 60 HP.

FRA

Téchnologie, design, et durabilité sont les peculiarités de cette pelle rétro; la RES répresente le leader incontesté dans la petite et moyenne gamme du marché de l'equipement du creusement pour des tracteur à partir de 15 jusqu'à 60 CV.

DEU

Technologie, Konzept und Langlebigkeit erhöhen den Wert dieser Heckbagger. Es ist führend im Markt von klein und mittel grossen Baggern von 15-60 PS.

ITA

Tecnologia, design e durata aggiungono valore a questo retroescavatore; leader incontrastato nel mondo della piccola e media movimentazione di terra, da 15 a 60 HP.

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1 AND 2, WITH STABILIZER KIT
- PTO DRIVEN HYDRAULIC PUMP WITH GEARBOX FOR 540 RPM
- DIGGING BUCKET MODEL EX 25 FOR RES 15 INCLUDED; EX 30 FOR RES 20 INCLUDED; EX 35 FOR RES 30 INCLUDED
- INDEPENDENT HYDRAULIC SYSTEM WITH PUMP AND HYDRAULIC OIL TANK
- 15 LITRES OF HYDRAULIC OIL, 7 HYDRAULIC CYLINDERS
- INDEPENDENT HYDRAULICALLY OPERATED STABILIZERS, SELF LUBRICATING BUSHINGS
- HARDENED PINS WITH INTERNAL LUBRICATION. SEAT TIPS FORWARD
- 3-POINT STABILIZER KIT STANDARD
- MANUAL SIDE-SHIFT WITH OPTIONAL HYDRAULIC LOCK (STANDARD FOR RES 30)

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE, AVEC PIEDS STABILISATEUR
- POMPE HYDRAULIQUE À ENGRENAGES ACTIONNÉE PAR UNE PRISE DE FORCE 540 TOURS
- GODET D'EXCAVATION MODÈLE EX 25 DE SERIE INCLUS; EX 30 POUR RES 20 INCLUS; EX 35 POUR RES 30 INCLUS
- CAPACITÉ DU RÉSERVOIR D'HUILE HYDRAULIQUE 15LITRES, 7 VÉRINS HYDRAULIQUES
- CIRCUIT HYDRAULIQUE INDÉPENDANT POUR LES PIEDS STABILISATEURS
- HAPPES EN MATÉRIEL AUTO LUBRIFIANTES
- PIVOTS EN ACIER TEMPÉ AVEC GRAISSAGE EXTÉRIEUR
- DISPOSITIF STABILISATEUR DE SERIE
- BLOCAGE HYDRAULIQUE POUR DÉPLACEMENT LATÉRAL (RES 30) ET OPTION (RES 15 ET 20)
- SIÈGE EN POSITION RELEVÉE, RÉGLABLE ET INCLINABLE

STANDARD EIGENSCHAFTEN

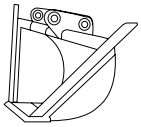
- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2
- HYDRAULIKPUMPE AUS ALUMINIUM MIT ÜBERSETZUNGSGETRIEBE 540 U/MIN
- TIEFLÖFFEL MOD. EX 25 (IM PREIS ENTHALTEN) FÜR RES 15; EX 30 FÜR RES 20; EX 35 FÜR RES 30
- EIGENSTÄNDIGER HYDRAULIKKREIS MIT HYDRAULIK PUMPE UND HYDRAULIKÖLBEHÄLTER, 15 LT.
- 7 HYDRAULIKKOLBEN BUCHSEN AUS SELBSTSCHMIERENDEM MATERIAL MIT HOHEN WIDERSTAND
- GEHÄRTETE STAHLSTIFTE MIT INTERNER SCHMIERUNG
- HECKBAGGERSTABILISATOR ENTHALTEN
- SEITLICH VERSCHIEBBAR UND VORBEREITET FÜR EINBAU EINER HYDRAULIKFESTSTELLBREMSE FÜR SCHNELLERES ARBEITEN (STANDARD BEI RES 30)
- KIPPBAREN SITZ, AUSWAHL AN SCHAUFELN/LÖFFELN

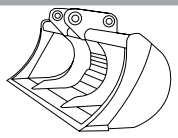
CARATTERISTICHE STANDARD

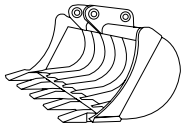
- ATTACCO A 3 PUNTI 1° E 2° CATEGORIA, CON BRACCI STABILIZZATORI
- POMPA IDRAULICA AD INGRANAGGI AZIONATA DA PDF A 540 G/MIN.
- BENNA SCAVO MOD. EX 25 DI SERIE PER RES 15; EX 30 DI SERIE PER RES 20; EX 35 DI SERIE PER RES 30
- CIRCUITO IDRAULICO INDIPENDENTE CON POMPA E SERBATOIO DELL'OLIO
- CAPACITÀ SERBATOIO OLIO 15 LITRI
- 7 CILINDRI IDRAULICI, BOCCOLE AUTOLUBRIFICANTI
- PERNI TEMPERATI CON LUBRIFICAZIONE INTERNA
- DISPOSITIVO DI STABILIZZAZIONE DEL 3-PUNTO DI SERIE
- BLOCCAGGIO IDRAULICO PER SPOSTAMENTO LATERALE STANDARD PER RES 30 E OPZIONE PER RES 15 E 20
- SEDILE POSIZIONE RIALZATA E RIBALTABILE

COD-MOD	hp		cm	in	kg	lbs	€
RES 15	**15 - 60**	**EX 25**	**140**	*56*"	**349**	*769*	
RES 20	**15 - 60**	**EX 30**	**140**	*56*"	**380**	*838*	
RES 30	**15 - 60**	**EX 35**	**160**	*62*"	**415**	*915*	

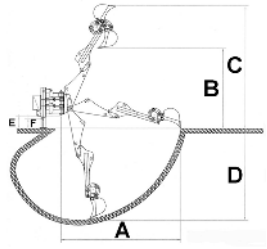
cod.	OPTIONAL	cod.	€
	EX *Digging bucket* *Godet excavation* *Tieflöffel* *Benna scavo*	EX 20	
		EX 25	
		EX 30	
		EX 35	
		EX 45	

cod.		cod.	€
	**TR** *Trench cleaning bucket* *Godet trapézöidale* *Trapezlöffel* *Benna trapezoidale*	TR 60/2	
		TR 52/2.5	
		TR 60/2.5	

cod.		cod.	€
	**PF** *Trench cleaning bucket* *Godet de curage* *Reinigungslöffel* *Benna pulizia fossi*	PF 80	
		PF 100	
		PF 120	

cod.		cod.	€
	**GR** *Wire bucket* *Godet grille* *Sortierlöffel* *Benna griglia*	GR 40	
		GR 50	
		GR 70	

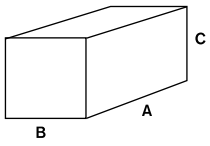
cod.		€
	BI *Hydraulic side - shift lock* *Blocage hydraulique du bras au châssis* *Hydraulische Verriegelung des Heckbaggerarms am Rahmen* *Bloccaggio idraulico del braccio escavatore al telaio*	



	15	20	30		15	20	30
A	220	234	254	D	130	155	180
B	165	180	200	E	40	40	40
C	250	275	300	F	30	30	30

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
RES 15	**140**	**90**	**180**
RES 20	**150**	**90**	**180**
RES 30	**160**	**90**	**180**



DM 50

Potato digger
Arracheuse de pommes de terre
Kartoffelroder
Cavapatate

HP

12 - 30

kW

10 - 22

rpm

540

cm 15 - 30 - inch 6 - 12

ENG

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1. DRIVE SHAFT AT 540 RPM
- 1 FIXED PLOWSHARE. OSCILLATING SIEVE SEPARATES POTATOES FROM SOIL
- ADJUSTABLE WHEELS FOR DEPTH CONTROL
- UNIVERSAL PTO SHAFT CATEGORY 1
- REAR DISCHARGE

FRA

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS CAT. 1, TRANSMISSION À 540 T/MIN
- 1 SOC FIXE, TAMIS OSCILLANT
- ROUES POUR RÈGLER LA PROFONDEUR DU TRAVAIL
- CARDAN UNIVERSEL CAT. 1
- ÉJECTION ARRIÈRE

DEU

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUSS KATEGORIE 1. ANTRIEBSWELLE MIT SCHWUNGRAD 540 U/MIN
- EINZEL SCHAR. OSZILLIERENDES UND VIBRIERENDES SIEB
- RÄDER FÜR DIE TIEFENREGULIERUNG
- STANDARD GELENKWELLE KATEGORIE 1
- HECKAUSWURF

ITA

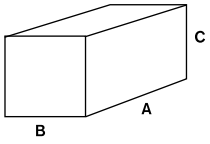
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA TRASMISSIONE A 540 G/MIN
- 1 VOMERE CURVO OSCILLANTE SETACCIO OSCILLANTE
- RUOTE PER LA REGOLAZIONE DELLA PROFONDITÀ DI LAVORO
- CARDANO UNIVERSALE 1° CATEGORIA
- SCARICO POSTERIORE

						kg	lbs	
COD-MOD	hp	cm	in	cm	in	kg	lbs	€
DM 50	**12 - 30**	**50**	*20"*	**90**	*36"*	**155**	*342*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
DM 50	**140**	**90**	**100**



DM 100

Potato digger
Arracheuse de pommes de terre
Kartoffelroder
Cavapatate

HP
30 - 50

kW

22 - 40

rpm

540

cm 15 - 30 - inch 6 - 12

ENG

STANDARD FEATURES

- THREE-POINT HITCH, CATEGORY 1. DRIVE SHAFT WITH FLYWHEEL, 540 RPM
- STEEL FLYWHEEL. THREE INTERCHANGEABLE FURROWS
- OSCILLATING SIEVES SEPARATE POTATOES FROM SOIL
- ADJUSTABLE STEEL DISCS FOR DEPTH CONTROL
- UNIVERSAL PTO SHAFT CATEGORY 4
- SIDE DISCHARGE

FRA

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE TRANSMISSION À 540 T/MIN
- VOLANT EN ACIER. 3 SOCS INTERCHANGEABLES
- TAMIS OSCILLANTS
- DISQUES EN ACIER POUR RÉGLER LA PROFONDEUR DE TRAVAIL
- CARDAN 4° CATÉGORIE
- DECHARGEMENT LATÉRAL

DEU

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUSS KATEGORIE 1. ANTRIEBSWELLE MIT SCHWUNGRAD 540 U/MIN
- SCHWUNGRAD AUS STAHL. 3 AUSTAUSCHBARE SCHAREN
- OSZILLIERENDEN SIEBEN
- STAHLSCHEIBEN FÜR TIEFENREGULIERUNG
- UNIVERSAL GELENKWELLE KATEGORIE 4
- SEITEN AUSWURF

ITA

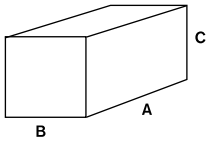
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA TRASMISSIONE A 540 G/MIN.
- VOLANO IN ACCIAIO. 3 VOMERI INTERCAMBIABILI
- SETACCI OSCILLANTI
- DISCHI IN ACCIAIO PER LA REGOLAZIONE DELLA PROFONDITÀ DI LAVORO
- GIUNTO CARDANICO 4° CATEGORIA
- SCARICO LATERALE

COD-MOD	hp	cm	in	cm	in	kg	lbs	€
DM 100	**30 - 50**	**60**	*24"*	**150**	*60"*	**305**	*762*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
DM 100	**160**	**170**	**105**



Accessories 3 P
Accessoires 3 P
Zubehör 3 P
Accessori 3 P

RM

12 - 30 HP

132

RM H

12 - 30 HP

133

CR 7

12 - 30 HP

134

CR

12 - 30 HP

135

CL

12 - 30 HP

136

CM

30 - 140 HP

137

BPO A

12 - 30 HP

138

BPO AR

12 - 30 HP

139

Various
Divers
Verschiedenes
Varie

BEN

15 - 40 HP

140

RUL

20 - 50 HP

141

RM

Reversible Plough
Brabant reversible
Volldrehpflug
Aratro reversibile

HP

12 - 30

kW

10 - 22

cm 18 - 20
inch 7 - 8

ENG

STANDARD FEATURES

- ADJUSTABLE 3 POINT HITCH CATEGORY 1
- PLOUGH SHARE BELLOTA MADE IN SPECIAL STEEL
- ADJUSTABLE TOOL CARRIER
- INTERCHANGEABLE SKIMCOULTERS
- DEPTH ADJUSTING WHEEL

FRA

CARACTÉRISTIQUES STANDARD

- ATTELAGE 3 POINTS 1° CATÉGORIE
- SOCS BELLOTA EN ACIER IMPRIMÉ, INTERCHANGEABLES
- PORTE OUTILS RÉGLABLE
- RASETTES INTERCHANGEABLES
- ROUE DE PROFONDEUR

DEU

STANDARD EIGENSCHAFTEN

- EINSTELLBARER DREIPUNKT AUFHÄNGUNG KATEGORIE 1
- BELLOTA SCHAREN AUS GESTANZTER STAHL, AUSWECHSELBAR
- EINACHSER WERKZEUGTRÄGER, VERSTELLBAR
- EINSTELLBARER UND AUSTAUSCHBARER PFLUGSCHAR
- RAD ZUR TIEFENREGULIERUNG

ITA

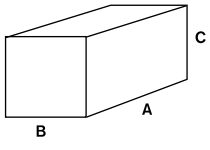
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- VOMERI BELLOTA IN ACCIAIO STAMPATO, INTERCAMBIABILI
- PORTA ATTREZZI REGOLABILE
- AVANVOMERE INTERCAMBIABILE
- RUOTINO DI PROFONDITÀ

COD-MOD		hp	cm	in	cm	in	kg	lbs
MECHANICAL MECANIQUE MECHANISCH MECCANICO	**RM 8**	**12 - 30**	**20**	*8"*	**100**	*40"*	**90**	*198*
	RM 10	**12 - 30**	**24**	*10"*	**110**	*44"*	**100**	*220*
	RM 12	**12 - 30**	**26**	*12"*	**110**	*44"*	**110**	*242*

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
RM 8	**120**	**80**	**85**
RM 10	**120**	**80**	**95**
RM 12	**120**	**80**	**100**



RM H

Reversible Plough
Brabant reversible
Volldrehpflug
Aratro reversibile

HP
12 - 30

kW

10 - 10 - 22

cm 18 - 20
inch 7 - 8

ENG

STANDARD FEATURES

- ADJUSTABLE 3 POINT HITCH CATEGORY 1
- PLOUGH SHARE BELLOTA MADE IN SPECIAL STEEL
- ADJUSTABLE TOOL CARRIER
- INTERCHANGEABLE SKIMCOULTERS
- DEPTH ADJUSTING WHEEL

FRA

CARACTÉRISTIQUES STANDARD

- ATTELAGE 3 POINTS 1° CATÉGORIE
- SOCS BELLOTA EN ACIER IMPRIMÉ, INTERCHANGEABLES
- PORTE OUTILS RÉGLABLE
- RASETTES INTERCHANGEABLES
- ROUE DE PROFONDEUR

DEU

STANDARD EIGENSCHAFTEN

- EINSTELLBARER DREIPUNKT AUFHÄNGUNG KATEGORIE 1
- BELLOTA SCHAREN AUS GESTANZTER STAHL, AUSWECHSELBAR
- EINACHSER WERKZEUGTRÄGER, VERSTELLBAR
- EINSTELLBARER UND AUSTAUSCHBARER PFLUGSCHAR
- RAD ZUR TIEFENREGULIERUNG

ITA

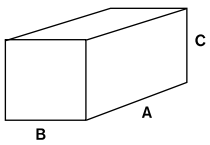
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- VOMERI BELLOTA IN ACCIAIO STAMPATO, INTERCAMBIABILI
- PORTA ATTREZZI REGOLABILE
- AVANVOMERE INTERCAMBIABILE
- RUOTINO DI PROFONDITÀ

COD-MOD		hp	cm	in	cm	in	kg	lbs
H	**RM 10 H**	**12 - 30**	**24**	*10"*	**110**	*44"*	**120**	*265*
	RM 12 H	**12 - 30**	**26**	*12"*	**110**	*44"*	**130**	*287*

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
RM 10	**120**	**80**	**95**
RM 12	**120**	**80**	**100**



CR 7

Spring tine cultivator
Cultivateur à ressort
Feingrubber mit Federn
Coltivatore a molle

HP
12 - 30

kW

10 - 22

cm 18 - 20
inch 7 - 8

ENG

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- SPRINGS MADE OF SPECIAL STEEL
- WORKING DEPTH 18-20 CM

FRA

STANDARD FEATURES

- ATTELAGE 3 POINTS, 1° CATÉGORIE
- RESSORTS EN ACIER SPÉCIAL
- PROFONDEUR 18-20 CM

DEU

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- FEDERN AUS SPEZIALSTAHL
- ARBEITSTIEFE 18-20 CM

ITA

CARATTERISTICHE STANDARD

- 3 PUNTI DI ATTACCO, 1° CATEGORIA
- MOLLE IN ACCIAIO SPECIALE
- PROFONDITÀ 18-20 CM

							kg	lbs	
COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	
CR 7	**12 - 30**	**100**	*40*"	**120**	*42*"	**7**	**90**	*198*	

CR

Spring tine cultivator with roller
Cultivateur à ressorts avec rouleau
Kulturegge mit Walze
Coltivatore a molle con rullo

HP
12 - 40

kW

10 - 40

cm 18 - 20
inch 7 - 8

ENG

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- SPRINGS MADE OF SPECIAL STEEL
- CAGE ROLLER INCLUDED
- ADJUSTABLE WORKING HEIGHT

FRA

STANDARD FEATURES

- ATTELAGE 3 POINTS, 1° CATÉGORIE
- RESSORTS EN ACIER SPÉCIAL
- ROULEAU CAGE INCLUS
- HAUTEUR DE TRAVAIL RÉGLABLE

DEU

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KAT. 1
- FEDERN AUS SPEZIALSTAHL
- INKL. STABWALZE
- EINSTELLBARE ARBEITSHÖHE

ITA

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI, 1° CATEGORIA
- MOLLE IN ACCIAIO SPECIALE
- INCLUSO DI RULLO GABBIA
- ALTEZZA DI LAVORO REGOLABILE

							kg	lbs	
COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	€
CR 9	**12 - 40**	**105**	*41"*	**110**	*43"*	**9**	**130**	*286*	
CR 11	**12 - 40**	**125**	*49"*	**130**	*51"*	**11**	**150**	*331*	
CR 13	**12 - 40**	**150**	*59"*	**155**	*59"*	**13**	**186**	*410*	

ACCESSORIES - ACCESSOIRES - ZUBEHÖR - ACCESSORI

RP

Wheels to adjust depth
Roues pour régler la profondeur
Räder für Tiefen Regulierung
Ruote per controllo profondità

ACCESSORIES - ACCESSOIRES - ZUBEHÖR - ACCESSORI

RV

Adjustment of working height via lever
Réglage des hauteurs de travail par levier
Einstellung der Arbeitshöhe über Kurbel
Regolazione delle altezze di lavoro tramite manopola

CL

Tine cultivator tiller
Cultivateur á dents
Pflug mit Scharen
Coltivatore a denti

HP

12 - 30

kW

10 - 22

cm 18 - 20
inch 7 - 8

ENG

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- TINES MADE OF SPECIAL STEEL
- WORKING DEPTH 18-20 CM

FRA

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- SOCS REVERSIBLES EN ACIER SPÉCIAL
- PROFONDEUR 18-20 CM

DEU

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1
- ZÄHNE AUS SPEZIALSTAHL
- ARBEITSTIEFE 18-20 CM

ITA

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI, 1° CATEGORIA
- VOMERI REVERSIBILI IN ACCIAIO SPECIALE
- PROFONDITÀ 18-20 CM

							kg	lbs	
COD-MOD	hp	cm	in	cm	in	n.	kg	lbs	
CL 5	**12 - 30**	**115**	*50"*	**115**	*50"*	**5**	**110**	*243*	
CL 7	**12 - 30**	**165**	*60"*	**165**	*60"*	**7**	**140**	*309*	
CL 9	**12 - 30**	**215**	*70"*	**215**	*70"*	**9**	**180**	*397*	

ACCESSORIES - ACCESSOIRES - ZUBEHÖR - ACCESSORI

RP

Wheels to adjust depth
Roues pour régler la profondeur
Räder für Tiefen Regulierung
Ruote per controllo profondità

CM

Tine cultivator tiller
Cultivateur á dents
Pflug mit Scharen
Coltivatore a denti

HP
30 - 140

kW

22 - 100

cm 27 - inch 11

ENG

STANDARD FEATURES

- 3 POINT HITCH CATEGORY 1 AND 2
- TINES AND STEEL SPRINGS MADE OF SPECIAL STEEL
- REVERSIBLE PLOUGHSHARES

FRA

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE
- DENTS, RESSORTS ET SOCS EN ACIERS SPÉCIAUX
- SOCS RÉVERSIBLES

DEU

STANDARD EIGENSCHAFTEN

- DREIPUNKT-BOCK KATEGIRIE 1 UND 2
- ZINKEN UND FEDERN AUS SPEZIALSTAHL
- UMKEHRBARE PFLUGSCHAREN

ITA

CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° E 2° CATEGORIA
- DENTI, VOMERI E MOLLE IN ACCIAIO SPECIALE
- VOMERI REVERSIBILI

COD-MOD		hp	cm	in	cm	in	dx-sx	kg	lbs	
MEDIUM MOYEN MEDIUM MEDIO	**CM 5**	**30 - 70**	**125**	*49"*	**140**	*56"*	**5**	**152**	*335*	
	CM 7	**30 - 70**	**175**	*69"*	**170**	*67*	**7**	**199**	*439*	
	CM 9	**30 - 70**	**225**	*88"*	**245**	*95"*	**9**	**262**	*578*	
	CM 11	**30 - 70**	**250**	*98"*	**275**	*100'*	**11**	**320**	*705*	
REINFORCED RENFORCÉE VERSTÄRKT RINFORZATO	**CM R 11**	**70 - 90**	**250**	*98"*	**275**	*109"*	**11**	**352**	*776*	
	CM R 13	**70 - 90**	**295**	*116"*	**310**	*122"*	**13**	**404**	*891*	
HEAVY LOURD SCHWER PESANTE	**CP 7**	**60 - 100**	**175**	*69"*	**190**	*76"*	**7**	**330**	*728*	
	CP 9	**60 - 100**	**225**	*88"*	**245**	*97"*	**9**	**420**	*926*	
REINFORCED RENFORCÉE VERSTÄRKT RINFORZATO	**CP R 11**	**100 - 140**	**275**	*108"*	**290**	*114"*	**11**	**530**	*1168*	
	CP R 13	**100 - 140**	**325**	*128"*	**340**	*134"*	**13**	**625**	*1378*	

ACCESSORIES - ACCESSOIRES - ZUBEHÖR - ACCESSORI

RP

Wheels to adjust depth
Roues pour régler la profondeur
Räder für Tiefen regulierung
Ruote per controllo profondità

BPO A

Potato digger with connecting bar
Arracheuse pomme de terre avec barre
Kartoffelroder mit Stange
Cavapatate con barra porta attrezzi

HP
12 - 30

kW

10 - 22

ENG

STANDARD FEATURES

- COMPLETELY WELDED STEEL FRAME
- ELEMENTS: LASER CUT AND AUTOMATIC BENDING MACHINES WITH CNC CONTROL
- 2 OR 3 ELEMENTS WITH RELATED FLANGES; HIGHLY RESISTANT TEMPERED STEEL
- CATEGORY 1
- INTERCHANGEABLE ELEMENTS
- FLANGES TO ADJUST THE DISTANCE BETWEEN ELEMENTS
- ELECTROSTATIC COATING

FRA

CARACTÉRISTIQUES STANDARD

- CHÂSSIS EN ACIER COMPLÈTEMENT SOUDÉ.
- ELÉMENTS: TÔLE COUPÉE AU LASER, PLIÉE À LA PRESSE NUMERIQUE ET SOUDÉE
- 2 OU 3 ÉLÉMENTS AVEC BRIDE ACIER HAUTE RÉSISTANCE
- ATTELAGE 1° CATÉGORIE
- ELÉMENTS INTERCHANGEABLES
- BRIDE POUR RÉGLAGE LATÉRAL DES ÉLÉMENTS
- PEINTURE ÉLECTROSTATIQUE À POUDRE

DEU

STANDARD EIGENSCHAFTEN

- TOTAL GESCHWEISSTES STAHLFARHWERK
- BAUTEILE: LASERGESCHNITTENES BLECH, GEBOGEN DURCH EINE MASCHINE MIT NUMERISCHER STEUERUNG
- 2 ODER 3 BAUTEILE MIT SCHRAUBZWINGEN AUS HOCHWIDERSTANDSSTAHL
- ANSCHLUSS KATEGORIE 1
- AUSTAUSCHBARE BAUTEILE
- SCHRAUBZWINGEN ZUR REGELUNG DES ABSTANDS ZWISCHEN DEN BAUTEILEN
- ELEKTROSTATISCHES LACKIEREN

ITA

CARATTERISTICHE STANDARD

- TELAIO IN ACCIAIO COMPLETAMENTE SALDATO
- ELEMENTI: LAMIERA TAGLIATA AL LASER E PIEGATA CON MACCHINA A CONTROLLO NUMERICO
- 2 O 3 ELEMENTI CON RELATIVE BRIDE, IN ACCIAIO AD ALTA RESISTENZA
- ATTACCO 1° CATEGORIA
- ELEMENTI INTERCAMBIABILI
- BRIDE PER REGOLARE LA DISTANZA TRA GLI ELEMENTI
- VERNICIATURA A POLVERE ELETTROSTATICA

COD-MOD		cm	in	kg	lbs	
BPO A 2	*Bar with 2 elements* *Barre avec 2 elements* *Stange mit 2 elemente* *Barra con 2 elementi*	**150**	*60*	**80**	*176*	
BPO A 3	*Bar with 3 elements* *Barre avec 3 elements* *Stange mit 3 elemente* *Barra con 3 elementi*	**150**	*60*	**100**	*220*	

BPO AR

Ridger with connecting bar
Buttoir avec barre
Furchenzieher mit Stange
Assolcatore con barra porta attrezzi

HP
12 - 30

kW
10 - 22

ENG

STANDARD FEATURES

- COMPLETELY WELDED STEEL FRAME
- ELEMENTS: LASER CUT AND AUTOMATIC BENDING MACHINES WITH CNC CONTROL
- 2 OR 3 ELEMENTS WITH RELATED FLANGES; HIGHLY RESISTANT TEMPERED STEEL
- CATEGORY 1
- INTERCHANGEABLE ELEMENTS
- FLANGES TO ADJUST THE DISTANCE BETWEEN ELEMENTS
- ELECTROSTATIC COATING

FRA

CARACTÉRISTIQUES STANDARD

- CHÂSSIS EN ACIER COMPLÈTEMENT SOUDÉ.
- ELÉMENTS: TÔLE COUPÉE AU LASER, PLIÉE À LA PRESSE NUMERIQUE ET SOUDÉE
- 2 OU 3 ÉLÉMENTS AVEC BRIDE ACIER HAUTE RÉSISTANCE
- ATTELAGE 1° CATÉGORIE
- ELÉMENTS INTERCHANGEABLES
- BRIDE POUR RÉGLAGE LATÉRAL DES ÉLÉMENTS
- PEINTURE ÉLECTROSTATIQUE À POUDRE

DEU

STANDARD EIGENSCHAFTEN

- TOTAL GESCHWEISSTES STAHLFARHWERK
- BAUTEILE: LASERGESCHNITTENES BLECH, GEBOGEN DURCH EINE MASCHINE MIT NUMERISCHER STEUERUNG
- 2 ODER 3 BAUTEILE MIT SCHRAUBZWINGEN AUS HOCHWIDERSTANDSSTAHL.
- ANSCHLUSS KATEGORIE 1
- AUSTAUSCHBARE BAUTEILE
- SCHRAUBZWINGEN ZUR REGELUNG DES ABSTANDS ZWISCHEN DEN TEILEN
- ELEKTROSTATISCHES LACKIEREN

ITA

CARATTERISTICHE STANDARD

- TELAIO IN ACCIAIO COMPLETAMENTE SALDATO
- ELEMENTI: LAMIERA TAGLIATA AL LASER E PIEGATA CON MACCHINA A CONTROLLO NUMERICO
- 2 O 3 ELEMENTI CON RELATIVE BRIDE, IN ACCIAIO AD ALTA RESISTENZA
- ATTACCO 1° CATEGORIA
- ELEMENTI INTERCAMBIABILI
- BRIDE PER REGOLARE LA DISTANZA TRA GLI ELEMENTI
- VERNICIATURA A POLVERE ELETTROSTATICA

COD-MOD		cm	in	kg	lbs	
BPO AR 2	*Bar with 2 elements* *Barre avec 2 elements* *Stange mit 2 elemente* *Barra con 2 elementi*	**150**	*60*	**80**	*176*	
BPO AR 3	*Bar with 3 elements* *Barre avec 3 elements* *Stange mit 3 elemente* *Barra con 3 elementi*	**150**	*60*	**100**	*220*	

BEN

Dumper transport box
Benne 3 p
Kippbare Transport Box
Cassoncino ribaltabile

HP

15 - 40

kW

12 - 30

ENG

STANDARD FEATURES

- 3 POINT HITCH, CATEGORY 1
- SELF ASSEMBLED. REMOVABLE REAR WALL
- BLADE FOR LOADING IN REVERSE GEAR
- QUICK RELEASE FOR DUMPING
- CENTRAL PIVOT POINT

FRA

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° CATÉGORIE
- LIVRAISON EN KIT DE MONTAGE. PORTE ARRIÈRE DÉMONTABLE
- LAME POUR CHARGEMENT EN MARCHE ARRIÈRE
- DÉCROCHEMENT COMMANDÉ PAR LEVIER
- BASCULEMENT CENTRAL

DEU

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK ANSCHLUSS KATEGORIE 1
- SELBSTMONTAGE. ABNEHMBARE RÜCKWAND
- PLANIERSCHILD ZUR LADUNG IM RÜCKWÄRTSGANG
- HEBEL BEDIENUNG FÜR KIPPVORGANG
- ZENTRALE KIPPLAGERUNG

ITA

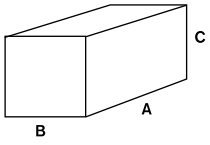
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI 1° CATEGORIA
- COMPLETAMENTE SMONTABILE. SPONDA POSTERIORE SMONTABILE
- LAMA PER CARICO IN RETROMARCIA
- SGANCIO CON COMANDO A LEVA
- BASCULAMENTO CENTRALE

				CAPACITY		kg	lbs	
COD-MOD	hp	cm	in	kg	lbs	kg	lbs	
BEN 100	**15 - 40**	**100**	*39"*	**100**	*220*	**80**	*176*	
BEN 120	**15 - 40**	**120**	*47"*	**100**	*220*	**85**	*187*	
BEN 150	**15 - 40**	**150**	*60"*	**120**	*265*	**85**	*187*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
BEN 100	110	90	30
BEN 120	130	90	30
BEN 150	150	90	30



RUL

Roller compactor
Rouleau compacteur
Verdichter Walze
Rullo compattatore

HP

20 - 50

kW

15 - 40

ENG

STANDARD FEATURES

- 3 POINT HITCH CATEGORY 1 AND 2
- SCRAPER TO CLEAN ROLL
- WATER TIGHT ROLLER FOR FILLING
- DIAMETER 400 MM

FRA

CARACTÉRISTIQUES STANDARD

- ATTELAGE À 3 POINTS 1° ET 2° CATÉGORIE
- LAME RACLEUSE POUR LE NETTOYAGE DU ROULEAU
- POSSIBILITÉ DE TESTER LE ROULEAU EN LE REMPLISSANT D'EAU
- DIAMÈTRE 400 MM

DEU

STANDARD EIGENSCHAFTEN

- DREIPUNKTBOCK-ANSCHLUß KATEGORIE 1 UND 2
- SCHMUTZABSTREIFER
- AUFFÜLLBAR MIT WASSER
- DURCHMESSER 400 MM

ITA

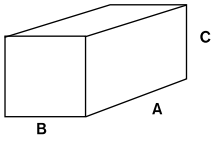
CARATTERISTICHE STANDARD

- ATTACCO A 3 PUNTI, 1° E 2° CATEGORIA
- RASCHIETTO PER LA PULIZIA DEL RULLO
- RULLO RIEMPIBILE A TENUTA
- DIAMETRO 400 MM

						kg	lbs	
COD-MOD	hp	cm	in	cm	in	kg	lbs	
RUL 120	**20 - 50**	**120**	*47"*	**130**	*52*	**98**	*216*	
RUL 150	**20 - 50**	**150**	*60"*	**160**	*64*	**110**	*243*	
RUL 170	**20 - 50**	**170**	*68"*	**180**	*72*	**125**	*276*	

DIMENSIONS - DIMENSIONS - ABMESSUNGEN - INGOMBRI

Type	A (cm)	B (cm)	C (cm)
RUL 120	120	80	80
RUL 150	150	80	80
RUL 170	190	80	80



Photos, weights and dimensions of the machines showed on the price list are only indicative and they change on the basis of the different configurations. The machines and the spare parts are supplied at the following general terms.

DELIVERY	Ex-works
FREIGHT	The goods travel at customer's risk even if shipped free or with our trucks.
CLAIMS	Claims must be made within 8 days from the receipt of the goods by registered letter.
ACCESSORIES	The prices stated for the items on request refer to any accessory assembled at the origin.
PRICES	They can be changed anytime without any notice obligation.
VAT	At buyer's charge.
WARRANTY	Del Morino S.r.l. warranties all new machines of its production for 24 months after the buyer receives the product. The warranty consists in supplying the defective parts free of charge and it is granted after Del Morino has ascertained that malfunctions are due to production or material defects. Any modification made by the buyer to the machine, any irrational use, any carelessness of the operator CANCELS THE WARRANTY. PTO-shafts and bearings are excluded from this warranty as they follow the manufacturer's norms. In any case of parts replacement, labour and costs of freight are at buyer's charge. Del Morino S.r.l. declines any responsibility for any damage risen from breakage of parts of the machines and for any damage due to improper use of the same parts. Any defective part is invoiced at the shipment. In order to recognize the warranty, any defective part must be returned to us for examination. If after the part examination, the warranty claim is accepted, Del Morino will issue a credit note.
MODIFICATION	In order to improve the production, Del Morino S.r.l. reserves itself to make anytime any modification which deems more appropriate.
CONTROVERSY	For any controversy the competent forum is that of Arezzo.

Photos, poids et dimensions des machines présentes dans le catalogue sont purement indicatifs et changent selon les différents configurations. Les machines et les pièces détachées sont fournies aux suivantes conditions générales de vente, qui sont acceptées par le client au moment de la confirmation de commande.

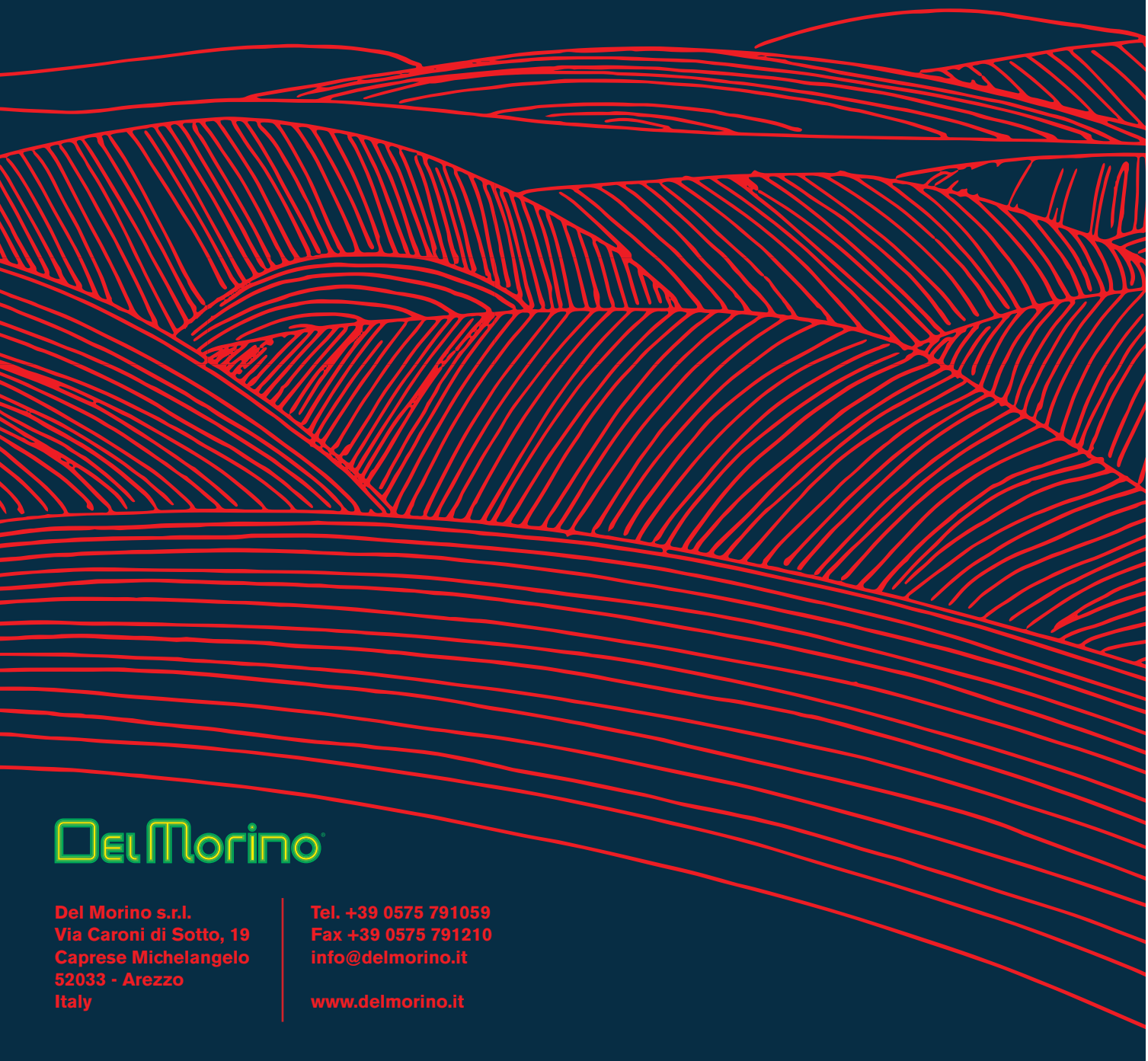
RENDU	Départ notre établissement Caprese Michelangelo Italie.
TRANSPORT	Les risques dérivant du transport sont à charge du commettant même si le matériel est expédié en franco de port ou avec notre camion.
RECLAMATIONS	Les réclamations devront parvenir par lettre recommandé, à nos bureaux, dans les 8 jours suivants la réception du matériel.
ACCESSOIRES	Les prix indiqués pour les pièces sur demande sont référés aux accessoires montés à l'origine.
PRIX	Les prix pourront subir modifications sans nécessité de préavis.
TVA	À la charge de l'acheteur.
GARANTIE	Les machines Del Morino sont garanties, fournies neuves, pour 24 mois de la livraison. La garantie consiste en expédition gratuite de la pièce défectueuse et sera accordée après la vérification que la casse se soit vérifiée par défaut de fabrication ou de qualité de matériel. Les modifications apportées à la machine par l'acheteur, l'emploi irrationnel, la négligence de l'utilisateur (manque de graissage), ANNULENT LA GARANTIE. Les cardans de transmission et les roulements ne sont pas compris dans notre garantie puisqu'ils suivent les règlements des maisons constructrices. Dans tous les cas, restent à charge de l'acheteur les frais de remplacement du matériel d'usure, la main d'oeuvre et les frais de port. La Del Morino décline toute responsabilité pour dommages directs ou indirects, causés par casse de parties de la machine, et pour dommages dérivants d'un emploi impropre de la machine. Pour motivations d'organisation, toutes les pièces seront facturées au moment de l'expédition. L'éventuelle reconnaissance de la garantie, suite à réception et vérification de la pièce défectueuse, donnera le droit à recevoir une note de crédit.
MODIFICATIONS	La Del Morino se réserve le droit d'apporter toute modification à ses machines dans le but d'améliorer sa production.
CONTROVERSE	Pour chaque controverse le tribunal compétant est celui d'Arezzo.

Die angegebenen fotos, gewichte und abmessungen der preisliste sind indikativ und können bei unterschiedliche konfigurationen variieren.
Die Maschinen und Ersatzteile werden von uns unter den folgenden allgemeinen Konditionen geliefert. Der Kunde akzeptiert diese Konditionen automatisch, wenn er einen Auftrag erteilt.

ÜBERGABE	Ab Werk in Caprese Michelangelo.
TRANSPORT	Das Risiko des Warentransportes liegt beim Kunden, auch wenn sie frei oder in unseren Lieferwagen transportiert wird.
BEANSTANDUNGEN	Beanstandungen müssen innerhalb von 8 Tagen ab Wareneingang in Form eines Briefs geltend gemacht werden.
AUSSTATTUNG	Die Preise für Sonderausstattung und Zubehör gelten nur für die von uns monterten Teile.
PREISE	Können von uns jederzeit, ohne Pflicht einer diesbezüglichen Ankündung, verändert werden.
MWST	Ist nicht im Preis enthalten.
GARANTIE	Die Firma Del Morino S.r.l. gibt auf Anbaugeräten aus eigener Fertigung eine Garantie von 24 Monaten ab Auslieferung. Die Garantie beinhaltet die kostenlose Lieferung von Teilen, die als defekt anerkannt werden, Konstruktions- oder Materialfehler mit Ausschluss der kosten für Verbrauchsmaterial, Arbeitszeit und Transport. Alle Veränderungen, die seitens des Kaufers an der Maschine vorgenommen werden, eine unangemessene Verwendung der Maschine, und Nachlässigkeit des Nutzers (Nichtbeachtung der Benutzungs- und Instandhaltungsbestimmungen, die in dem Handbuch ausgewiesen werden) LASSEN DIE GARANTIE ERLÖSCHEN. Gelenkwellen und Lager sind von dieser Garantie ausgeschlossen, da sie den Standards des Herstellers entsprechen. Del Morino S.r.l. lehnt jede Verantwortung ab, die für direkte oder indirekte Schäden, die aus unsachgemäßer Nutzung der Maschine oder Bruch einzelner Maschinenteile entstehen.
ÄNDERUNG	Die Firma, immer auf der Suche nach Verbesserung der eigenen Produktion, behält sich das Recht vor, jederzeit Änderungen vorzunehmen, die sie für not endig hält.
KONTROVERSE	Für jeden echtsstreit ist der erichtsstand Arezzo, Italien.

Foto, pesi e dimensioni delle macchine presenti nel listino sono puramente indicativi e variano in base alle diverse configurazioni
Le macchine e le parti di ricambio, vengono da noi fornite alle seguenti condizioni generali, la cui accettazione da parte dei clienti è implicita nel conferimento degli ordini relativi.

RESA	Franco nostro stabilimento di Caprese Michelangelo.
TRASPORTO	La merce viaggia a rischio e pericolo del committente anche se spedita in porto franco o con nostro automezzo.
RECLAMI	Dovranno essere effettuati entro 8 giorni dal ricevimento della merce a mezzo di lettera raccomandata.
ACCESSORI	I prezzi indicati per le voci a richiesta, si intendono solo per accessori montati all'origine.
PREZZI	Potranno essere da noi variati in qualsiasi momento, senza l'obbligo di preavviso.
IVA	A carico dell'acquirente.
GARANZIA	La ditta Del Morino S.r.l. garantisce le macchine di propria fabbricazione, fornite nuove, per un periodo di 24 mesi dalla consegna. La garanzia consiste nella fornitura gratuita del pezzo, riconosciuto difettoso, per difetto di costruzione o di materiale con l'esclusione delle spese relative al materiale di consumo, alla manodopera e al trasporto. Tutte le modifiche apportate alla macchina da parte dell'acquirente, l'impiego al di sopra delle caratteristiche tecniche rico-nosciute alla macchina dalla stessa Del Morino S.r.l., e l'incuria dell'utente (inosservanza delle disposizioni per l'utilizzo e la manutenzione, indicate all'interno del manuale uso e manutenzione della macchina), ANNULLANO LA GARANZIA. Le trasmissioni cardaniche ed i cuscinetti sono esclusi dalla presente garanzia in quanto seguono le norme delle ditte costruttrici. Del Morino S.r.l. declina ogni responsabilità per danni diretti ed indiretti derivanti dall'uso improprio del mezzo o da rotture di componenti della macchina.
MODIFICHE	La ditta al costante impegno di migliorare la propria produzione, si riserva di apportare in qualsiasi momento, le modifiche che riterrà più opportune.
CONTROVERSIE	Per qualsiasi controversia, è competente il foro di Arezzo.



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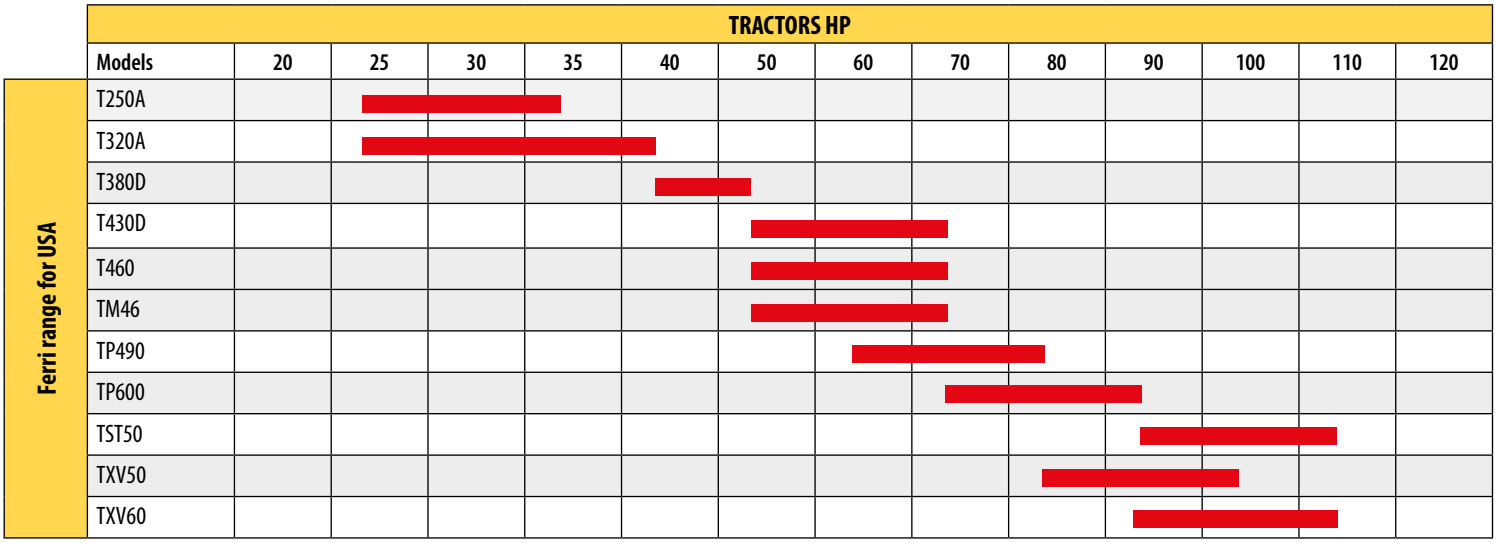


Which are the environmental conditions requested?

1	A	Verges - side of the road (no need for very long reach)	The all range can be suitable
	B	Banks - ditches - canals (need for long reach)	TP-TST-TXV provided that the reach requested is form min. 16'

Mowing Conditions?

2	A	grass up 20" big		The all range is OK		
	B	grass more than 20" big	TM - TP - TST - TXV	What thickness?	up to 2"	T - TM - TP - TST
		bushes				
		shrubs			up to 2" 1/4"	TXV
		branches				
		wood				

How much will the mower be used?

3	A	short period per year (4-8 weeks) few hours per day (up to 4 hours)
	B	short period per year (4-8 weeks) several hours per day (up to 6 hours)
	C	long periods per year (8-16 weeks) several hours per day (up to 6 hours)

Our Answer	AAA	T - TM	no oil cooler	
	AAB	T - TM - TP - TST	with oil cooler	
	AAC	TXV	with oil cooler	
	ABA	TM - TP - TXV	no oil cooler	Depending on thickness
	ABB	TM - TP - TXV - TST	with oil cooler	Depending on thickness
	ABC	TXV	with oil cooler	
	BAA	TP	no oil cooler	
	BAB	TP - TST	with oil cooler	
	BAC	TXV	with oil cooler	
	BBA	TP - TXV	no oil cooler	Depending on thickness
	BBB	TST - TXV	with oil cooler	
	BBC	TXV	with oil cooler	

Index

Model	ft	min HP max	Cable Control	Cutting Flails			Page
T350S	*11'10"*	15 - 50	classic	–	–	–	**04**
T350SI	*11'10"*	15 - 50	classic SP-Tronic	–	–	–	**06**
T250A - T320A	*8'3" - 10'7"*	20 - 40	classic electra Full		–	–	**08**
T380D - T430D	*12'7" - 14'2"*	40 - 70	classic electra Full			–	**10**
T460	*15'1"*	50-70	classic			–	**10**
TM	*18' - 21'6"*	50 -70	classic electra Full			–	**12**
TP	*15'9" - 19'5"*	60-90	classic EG-Tronic Dual			–	**16**
TST 50 NEW *Front Mount*	*19'9"*	90 - 110	DS-Tronic Dual			–	**18**
TXV Vision Energy	*15'5"- 20'6"*	80 - 110	SC-Tronic Dual			–	**20**

Model.	min max m	min HP max	Cutting flails			Page
TSKID	7'1" - 7'8"	55 - 100			-	**22**
TSKQ/F NEW	5'3" - 5'11"	70 - 120		-	-	**24**
TSKQ/A NEW	5'3" - 5'11"	70 - 120		-	-	**26**

180 years of history

Since 1844 and for six generations, Ferri has been synonymous with Technological Innovation.
This evolution has been achieved through continuous focus on the research and development of machines for the maintenance of public and agricultural greenery.

Today, Ferri is one of the industry's leading companies in Europe with production and sales of more than 35.000 machines worldwide.

BOOM MOWERS WITH HEDGES CUTTERBAR FOR GREEN AREA MAINTENANCE

Left hand operation

classic

Ideal for working in confined spaces and for the horizontal and vertical cutting of hedges.
Extremely versatile, it can work both on the right and on the left hand side of the tractor.
Designed for compact tractors.

Dependent hydraulic system.

Arms with circular section H.T.R. (High Torsion Resistance).

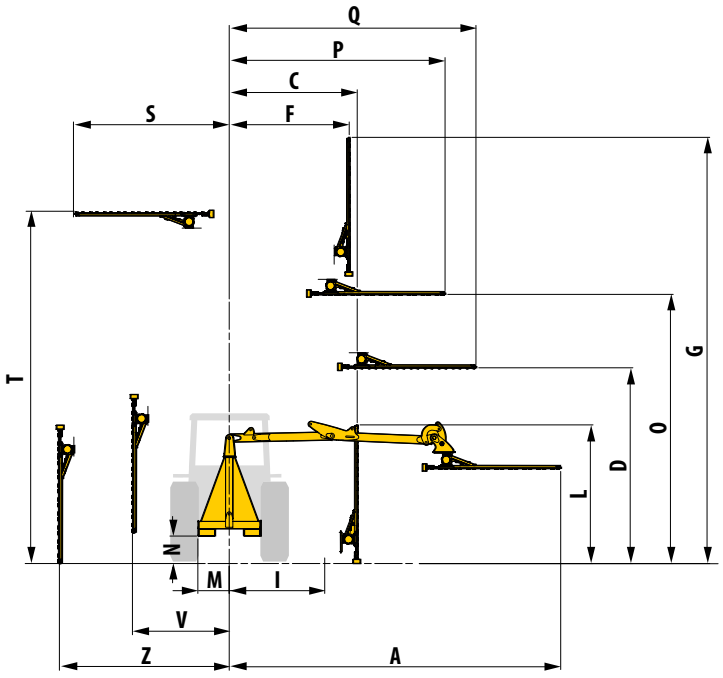
Cutter bar for hedges CS150.

TECHNICAL DATA

Model			min max	MIN	MIN
	ft	ft	HP	ft	lb
T350S	11'11"	4'11"	15-50	3'3"	1.543

Model	rpm	gal		lb
T350S	-	4,84	228°	507

WORKING POSITIONS



Model	T350S
	ft
A	11'11"
C	4'7"
D	7'0"
F	4'4"
G	15'3"
I	3'7"
L	4'12"
M	1'2"
N	0'12"
O	9'8"
P	7'9"
Q	8'10"
S	5'8"
T	12'10"
V	4'2"
Z	6'8"

FLAILS

Model	CS 150			Ø Max
		in	lb	in
Cutter bar for hedges		4.92	110	1/2"

Equipped with:

- 3 point ISO universal linkage CAT 1 and 2.
- Dendependent hydraulic system.
- Cable controls (Classic).
- Arms with circular section H.T.R. (High Torsion Resistance).
- 2 parking stands & Forklift Pockets.
- Cutter bar CS150 S2 with 32cc motor.
- Packaging on crate included.

Option at an extra:

- Stabilizers to the tractor.
- Delta yoke for stabilizers.
- Stabilizers for Delta yoke.

BOOM MOWERS WITH HEDGES CUTTERBAR FOR GREEN AREA MAINTENANCE

Left hand operation

classic

SP-Tronic

Ideal for working in confined spaces and for the horizontal and vertical cutting of hedges.
Extremely versatile, it can work both on the right and on the left hand side of the tractor.
Designed for compact tractors.
The T350SI is equippend with a fully independent hydraulic system.

Independent hydraulic system.

STC (Self Tilt Control) automatic recognition of the vertical and / or horizontal cutter bar position and self-maintenance of the acquired position by means of a button placed on the joystick (standard with SP Tronic Controls) .

Arms with circular section H.T.R. (High Torsion Resistance).

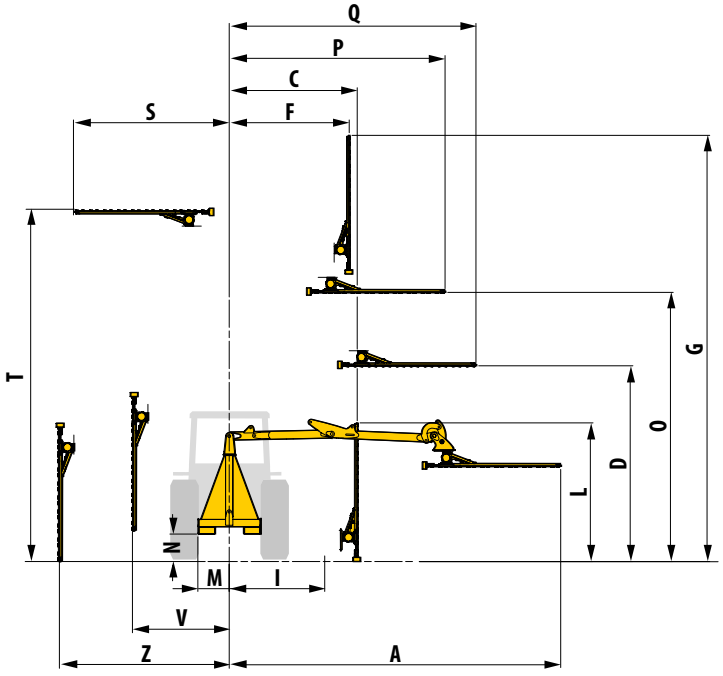
Cutter bar for hedges CS150.

TECHNICAL DATA

Model			min max	MIN	MIN
	ft	ft	HP	ft	lb
T350SI	11'11"	4'11"	25 - 50	3'3"	1.984

Model				
	rpm	gal		lb
T350SI	540	9	228°	705

WORKING POSITIONS



Model	T350SI
	ft
A	11'11"
C	4'7"
D	7'0"
F	4'4"
G	15'3"
I	3'7"
L	4'12"
M	1'2"
N	0'12"
O	9'8"
P	7'9"
Q	8'10"
S	5'8"
T	12'10"
V	4'2"
Z	6'8"

FLAILS

Model	CS 150 S2			Ø Max
		in	lb	in
Cutter bar for hedges		4.92	110	1/2"

Equipped with:

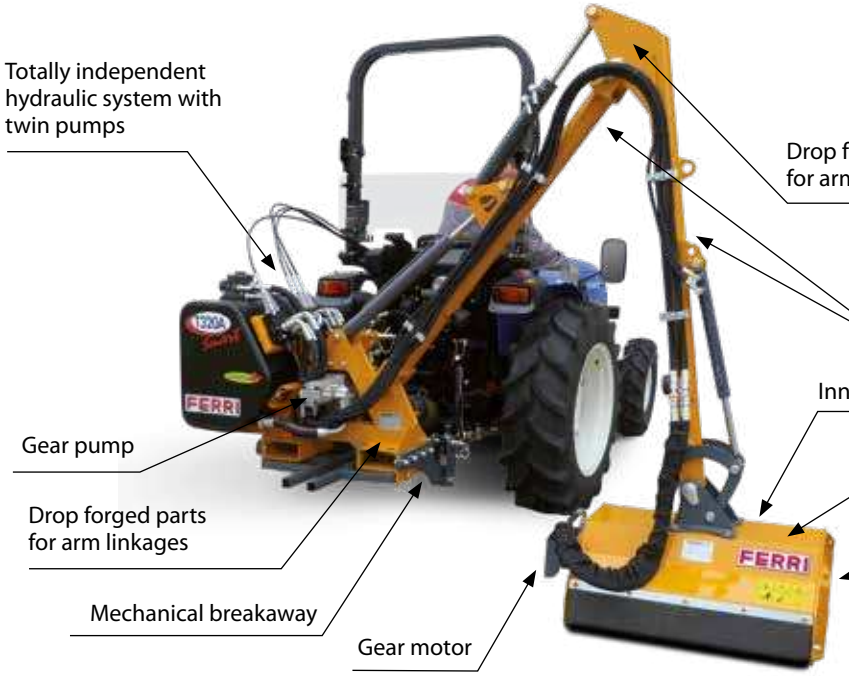
- 3 point ISO universal linkage CAT 1 and 2.
- Dendependent hydraulic system.
- Cable controls (Classic).
- Proportional electronic control (Simple Proportional Tronic).
- STC: automatic cutter bar grade control (only in the SP Tronic version).
- Arms with circular section H.T.R. (High Torsion Resistance).
- Gearbox and hydralic pomps straight from tractor pdf.
- Distributor cover (only in the SP Tronic version).
- 3 parking stands & Forklift Pockets.
- Cutter bar CS150 with 100 cc motor.
- Packaging on crate included.

Option at an extra:

- Stabilizers to the tractor.
- Delta yoke for stabilizers.
- Stabilizers for Delta yoke.

BOOM MOWERS FOR AGRICULTURE AND LIGHT GREEN MAINTENANCE

T320A/R
Suitable for tractors with reversible drive.



The new series of hydraulic flail mowers T250A, T320A and T320A/R for reversible drive, is the result of extensive design changes that has improved functionality and performance.
These new models are particularly suitable as entry-level range for the market dedicated to farms of medium size and to maintenance of green spaces.
These small size and compact models are particularly suitable for small tractors.

Arm with circular section H.T.R. (High Torsion Resistance).

Drop forged parts for arm linkages.

Floating head system.

Adjustable rear roller.

Aluminium rotor drive hydraulic pump.

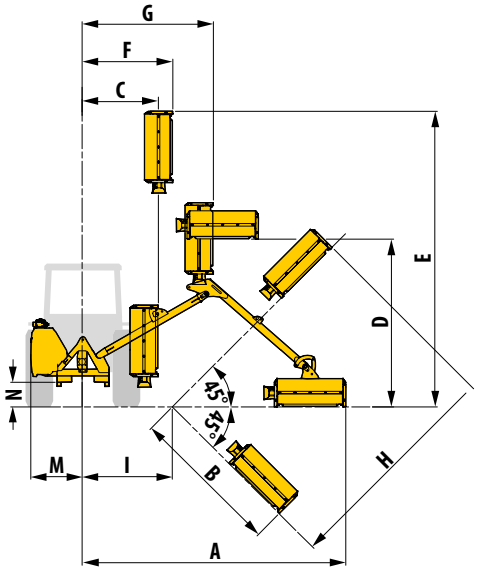
Oil cooler with thermostat (option).

TECHNICAL DATA

Model	ft	ft TME60	ft TME80	min max HP	MIN ft	MIN lb
T250A	8'3"	1'12"	-	20 - 35	3'3"	1.543
T320A	10'7"	-	2'7"	25 - 40	3'11"	1.984
T320A/R	10'7"	-	2'7"	25 - 40	3'11"	1.984

Model	rpm	rpm	gal		ft/sec	lb
T250A	540	3200	16	190°	157	749
T320A	540	3200	16	190°	157	816
T320A/R	540	3200	16	190°	157	816

WORKING POSITIONS



	T250A ft	T320A ft
A	8'3"	10'7"
B	3'8"	6'11"
C	3'7"	2'11"
D	5'8"	6'2"
E	9'4"	11'11"
F	3'5"	3'4"
G	4'7"	5'5"
H	6'8"	9'1"
I	3'7"	3'7"
M	2'0"	2'0"
N	0'11"	0'11"

FLAIL HEAD

TME 60
TME 80
Direct drive

Model	lbs
TME 60	167
TME 80	187

FLAILS

Cod.	Model		T250A TME60 No.	T320A TME80 No.	T320A/R TME80 No.	Ø in
0901133	*Articulated "Y" blades for: grass, bushes*		32	40	40	3/4"

Equipped with:

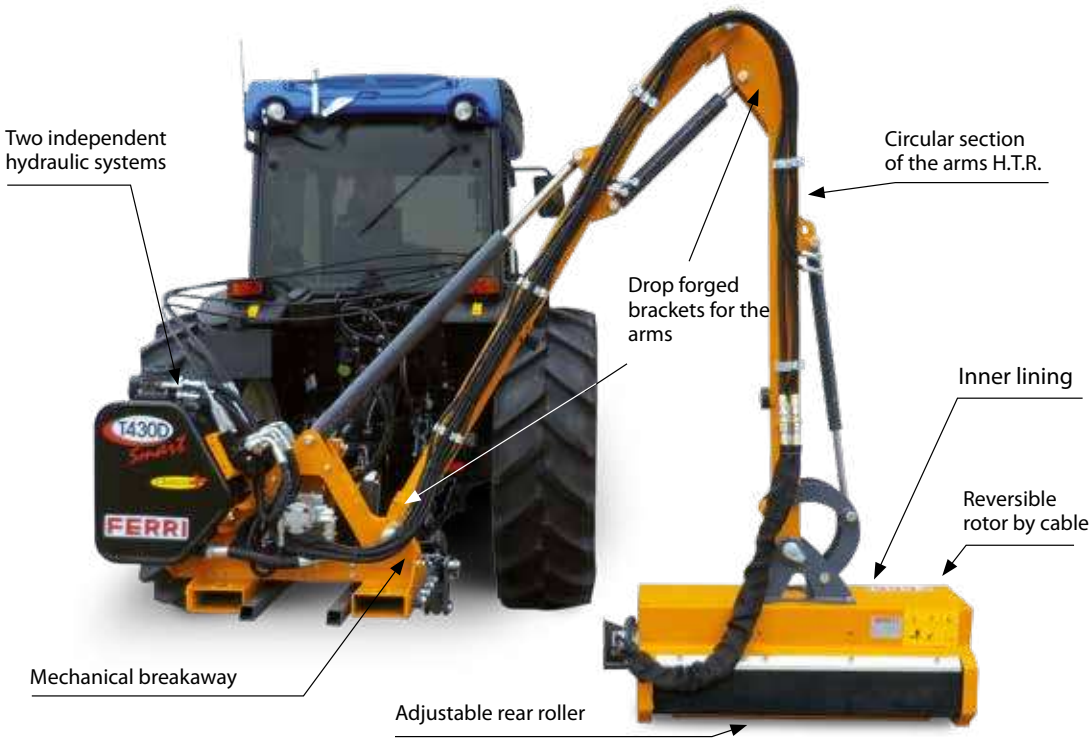
- *Flail head .*
- *CAT I – II lower linkages.*
- *Cable or electric control depending from the elected version.*
- *Cable controls (Classic).*
- *Electric progressive controls with electric switch for rotor start and stop (Electra Full).*
- *Mechanical breakaway.*
- *Flail head direct drive.*
- *Bidirectional and reversible rotor.*
- *2 parking stands & Forklift Pockets.*
- *Floating Head System to follow ground contours.*
- *Front and rear abrasion resistant guard on the flail head.*
- *Adjustable rear roller.*
- *Inner lining.*
- *Aluminium bidirectional hydraulic motor.*
- *Oil and PTO shaft.*
- *Oilcooler included in Electra-Full version.*
- *Packaging on crate included.*

Option at an extra:

- *Stabilizers to the tractor (all models).*
- *Delta yoke for stabilizers.*
- *Stabilizers for Delta yoke.*
- *Oil cooler for T250A, T320A and T320A/R.*

In the flailhead section: *Interchangeable implements, special functions and technical information.*

BOOM MOWERS FOR AGRICULTURE AND LIGHT GREEN MAINTENANCE

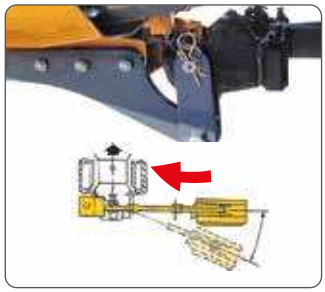


Technological innovation and restyling characterize the hydraulic reach mowers T380D and T430D.
The new flail head TID100, 1m width named "Trial" uses the same rotor to fit multiuse Y, articulated Y and hammers.
A unique feature is the circular section of the arms (HTR High Torsion Resistance).
The use of press molded components for the arm articulation as well as the electrical controls with joystick option make these compact reach mowers a valuable tool for farmers and landscapers.

Drop forged parts.

Circular section of the arms H.T.R. (High Torsion Resistance).

Floating head system.



Mechanical breakaway (arm protection in case of obstacles).

Oil cooler with thermostat (option).

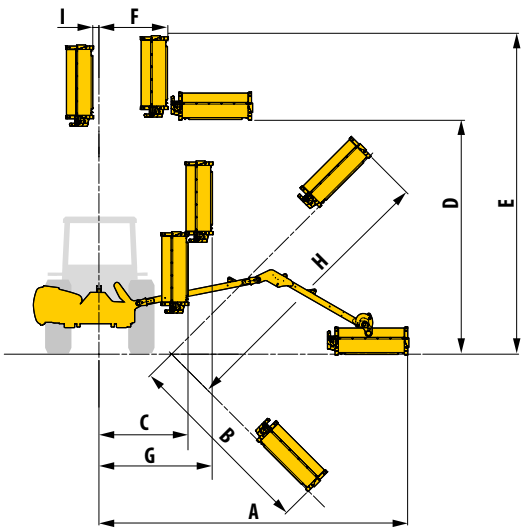
TECHNICAL DATA

Model	ft	ft	min – max HP	MIN ft	MIN lb
T380D	12'7"	3'3"	40 - 60	4'11"	3.747
T430D	14'2"	3'3"	50 - 70	5'6"	4.409
T430DR*	14'2"	3'3"	50 - 70	5'6"	4.409

Model	rpm	rpm	gal		ft/sec	lb
T380D	540	3.000	18	190°	197	1.080
T430D	540	3.000	18	190°	197	1.091
T430DR*	540	3.000	18	190°	197	1.091

* For tractors with reversible driving position

WORKING POSITIONS



	T380D ft	T430D ft
A	12'7"	14'2"
B	7'11"	9'6"
C	2'10"	3'11"
D	7'4"	8'4"
E	13'9"	15'5"
F	3'9"	2'10"
G	5'0"	5'7"
H	11'2"	12'9"

FLAIL HEAD

TID 100
Direct drive

Model	lbs
TID 100	284

FLAILS

Cod.	Model / Interchangeable on the same rotor		T380D No.	T430D No.	T430DR No.	Ø in
0901158+ 0901159	Multi-use and straight blases for: grass, shrubs, bushes, reeds and wood		36+18	36+18	36+18	1 1/4"
0901049	Articulated "Y" blades for: grass, bushes		36	36	36	3/4"

In the flailhead section: Interchangeable implements, special functions and technical information.

Equipped with:

- Flail head.
- 3 point ISO universal linkage CAT 1 and 2.
- FLOATING head system.
- Cable controls (Classic).
- Electric progressive controls with electric switch for rotor start and stop (Electra Full).
- Totally independent hydraulic (gear pump and motor).
- Circular section of the arms H.T.R. (High Torsion Resistance).
- Drop forged brackets for the arms.
- Mechanical breakaway (arm protection in case of obstacles).
- Reversible rotor.
- Front and rear abrasion resistant rubbercloth guard.
- Oil and Pto shaft.
- Oilcooler included in Electra-Full version.
- Packaging on crate included.
- 2 parking stands & Forklift Pockets.

Option at an extra:

- Stabilizers to the tractor (all models).
- Delta yoke for stabilizers
- Stabilizers for Delta yoke
- Oil cooler with thermostat.
- Lift float on 1st arm with nitrogen accumulator, mechanical LFA.

HP 35 *available to the rotor*
HP 45 *max to hydraulic motor*

BOOM MOWERS FOR AGRICULTURE AND GREEN AREAS

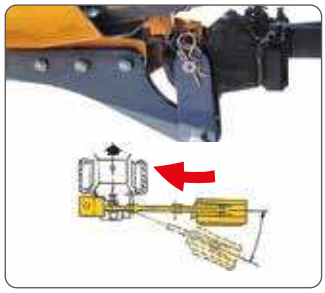
classic

The T460 Model is a compact, reliable reach mower designed for ranchers, farmers, hobby farmers, landscape contractors and municipalities.
The reliability and strength are ensured by the new Delta Box frame. Compact and powerful, the pump engaging the rotor is entirely made of cast iron.

Drop forged pats.

Floating head system.

Group 3 cast iron hydraulic rotor pump.



Mechanical breakaway (arm protection in case of obstacles).

Oil cooler with thermostat (option).

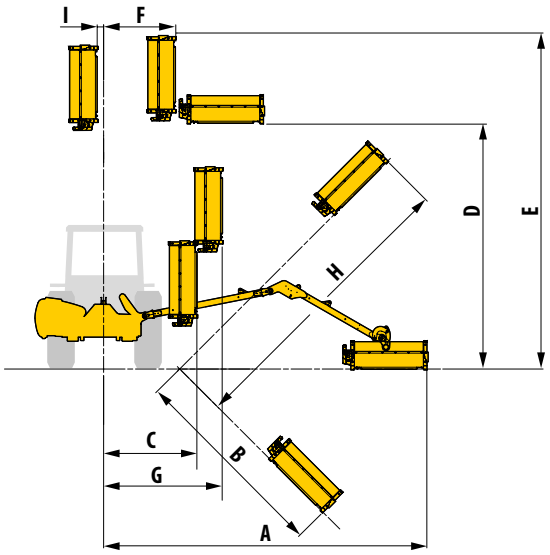
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model	ft	ft	min max HP	MIN ft	MIN lb
T460	*15'1"*	*3'3"*	50 - 60	*5'11"*	*4.850*

Model	rpm	rpm	gal		ft/sec	lb
T460	540	3.000	*32*	190°	*197*	*1.252*

WORKING POSITIONS



	T460
	ft
A	*15'1"*
B	*10'4"*
C	*3'9"*
D	*7'6"*
E	*16'3"*
F	*3'1"*
G	*5'4"*
H	*13'9"*
I	*0.87*

FLAIL HEAD

TID 100
Direct drive

Model	lbs
TID 100	*284*

FLAILS

Cod.	Model Interchangeable on the same rotor		T460 No.	Ø in
0901158+ 0901159	*Multi-use and straight blases for: grass, shrubs, bushes, reeds and wood*		36+18	*1 1/4"*
0901049	*Articulated "Y" blades for: grass, shrubs*		36	*3/4"*

Equipped with:

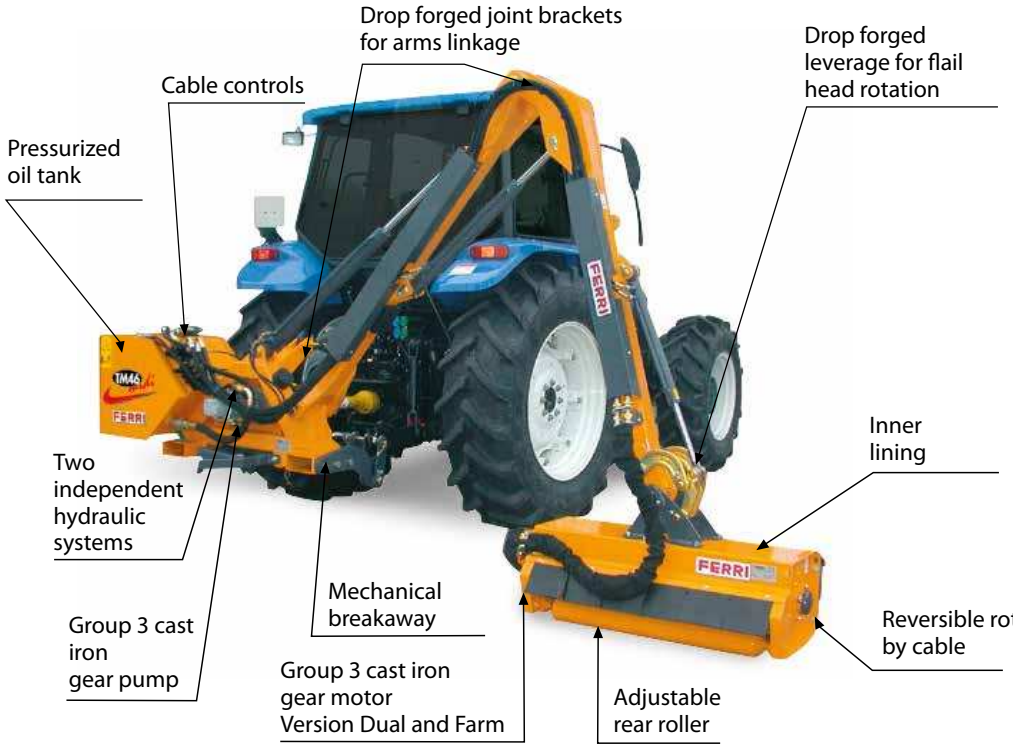
- *Flail head.*
- *3 point ISO universal linkage CAT 1 and 2.*
- *FLOATING head system.*
- *Cable controls (Classic).*
- *Totally independent hydraulic system.*
- *Cast iron hydraulic rotor pump group 3.*
- *Cast iron motor.*
- *Mechanical breakaway (arm protection in case of obstacles).*
- *Reversible rotor.*
- *Front and rear abrasion resistant guard.*
- *Oil and Pto shaft.*
- *Packaging on crate included.*
- *2 parking stands & Forklift Pockets.*

Option at an extra:

- *Stabilizers to the tracto.*
- *Delta yoke for stabilizers.*
- *Stabilizers for Delta yoke*
- *Top link.*
- *Oil cooler with thermostat.*
- *Lift float.*
- *Bumpers with illumination system.*

HP 35 *available to the rotor*
HP 45 *max to hydraulic motor*

BOOM MOWERS FOR AGRICULTURE AND GREEN AREAS

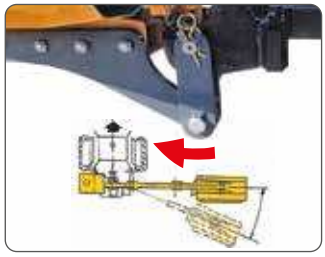


The term "multifunctionality" is the most appropriate for the TM hydraulic reach mower series.
Thanks to a maximum horizontal reach of 14.76 ft, TM46 model is widely used in landscaping and grounds maintenance care.
The possibility of combining the reach mowers to tractors of limited power and low weight enables easy operation and friendly use.
The TM series includes design features that include drop forged parts for the arms articulation and flail head linkages, spiral rotor with double helix and overlapping knives, pump and cast iron motor and flail head floating system enabling the flail head to better follow the ground contours.

Drop forged brackets for the arms.

Drop forged lever for flail head rotation.

Floating head system.



Mechanical breakaway (arm protection in case of obstacles).

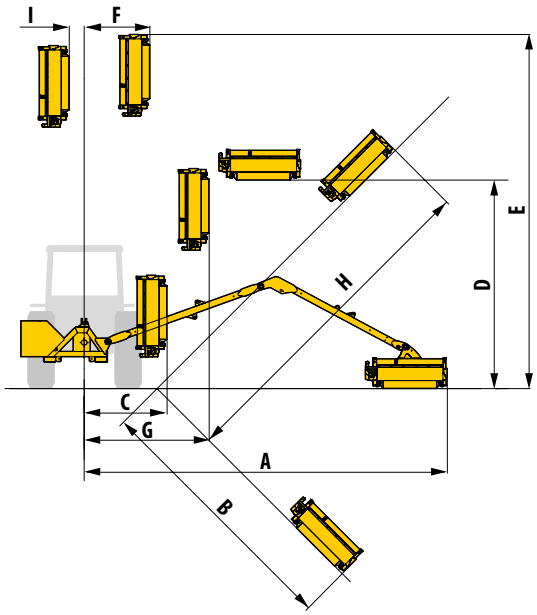
Oil cooler with thermostat (option).

TECHNICAL DATA

Model	ft	ft	min max HP	MIN ft	MIN lb
TM 46	*15'3"*	*3'11"*	50 - 70	*5'11"*	*5.512*

Model	rpm	rpm	gal		ft/sec	lb
TM 46	540	3.100	*33*	190°	*197*	*1.636*

WORKING POSITIONS



	TM46 ft
A	*15'3"*
B	*10'5"*
C	*4'0"*
D	*8'5"*
E	*16'5"*
F	*3'3"*
G	*5'8"*
H	*13'11"*
I	*0'3"*

FLAIL HEAD

TI 120
Direct drive

Model	lbs
TI 120	*463*

FLAILS

Cod.	Model Interchangeable on the same rotor		TM46 No.	Ø in
0901146	*Multiuse "Y" blades for: grass, shrubs, bushes, sticks, woods*		44	*1 1/4"*
0901147	*"T" hammer for: woods*		22	*1 3/4"*

Equipped with:

- *Flail head.*
- *3 point ISO universal linkage CAT 2.*
- *FLOATING head system.*
- *Cable controls (Classic).*
- *Electric progressive controls with electric switch for rotor start and stop (Electra Full).*
- *Totally independent hydraulic system.*
- *Drop forged parts for arms linkage and flail head rotation.*
- *Mechanical breakaway.*
- *Reversible rotor by cable.*
- *Front and rear abrasion resistant guard.*
- *Oil and Pto shaft.*
- *Packaging on crate included.*
- *Oil cooler included in the Electric Full Version.*
- *2 parking stands & Forklift Pockets.*

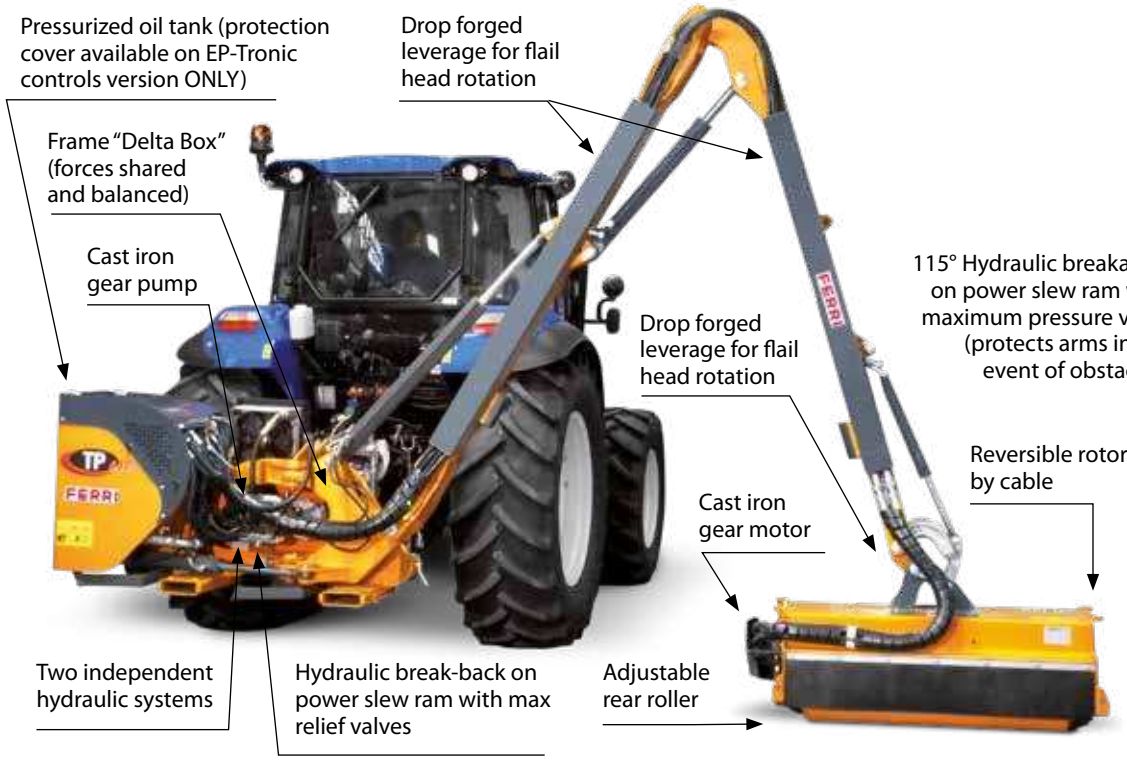
Option at an extra:

- *Stabilizers to the tractor.*
- *Delta yoke for stabilizers.*
- *Stabilizers for Delta yoke*
- *Top link.*
- *Oil cooler.*
- *Lift float.*
- *Bumpers with illumination system.*

In the flailhead section: *Interchangeable implements, special functions and technical information.*

HP 42 *available to the rotor*
HP 57 *max to hydraulic motor*

BOOM MOWERS FOR AGRICULTURE AND GREEN AREAS



PLUS
+ POWER
+ COMFORT

The hydraulic reach mower model TP, continues to evolve to follow the needs of the market by becoming even more the benchmark in the market for performance and durability, superior to all other market players.
The new version, PLUS, responds to the demand of an increasing number of users who had a need for equipment with more power, a hydraulic circuit with an increased flow rate, in essence the highest performance of what the market currently offers.
In the new series, the TP model is available in 15.9 ft and 19.5 ft reach versions and offers a wide range of accessories and options to increase its versatility of use, allowing it to meet any work requirement The new models are designed for farmers, medium-sized farms and local government green maintenance teams and ensure maximum reliability and ease of use.

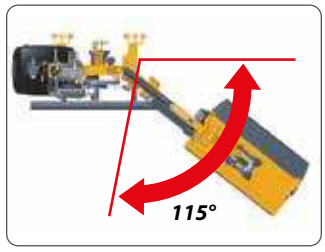
Drop forged arm brackets.

Drop forged flailhead linkages.

Floating head system.

New design bolt on and pressurized oil tank (Classic).

New design bolt on and pressurized oil tank wth hinged cover to protect the hydraulic distributor (EG-Tronic).



Hydraulic breakaway on power slew ram with maximum pressure valve (protects arms in the event of obstacles).

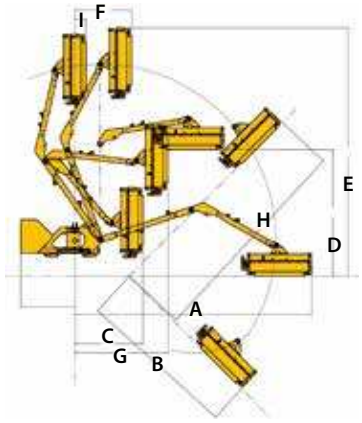
TECHNICAL DATA

Model	ft	ft	min max HP	MIN ft	MIN lb
TP490	15'9"	3'11"	60 - 80	6'7"	6.614
TP600	19'5"	3'11"	70 - 90	7'3"	7.050

Model	rpm	rpm	gal		ft/sec	lb
TP490	540	3.100	36	190°	197	1.984
TP600	540	3.100	36	190°	197	2.094

( ) - Weight for EG-Tronic controls version.

WORKING POSITIONS



Mod.	TP490 TI 120	TP600 TI 120
	ft.	ft.
A	15'9"	19'5"
B	10'7"	14'2"
C	4'6"	4'7"
D	8'5"	10'10"
E	16'6"	20'2"
F	3'9"	3'9"
G	6'2"	7'1"
H	14'5"	18'
I	0'8"	0'5"

FLAIL HEAD

TI 120
Direct drive

Model	lbs
TI 120	463

FLAILS

Cod.	Model Interchangeable on the same rotor		TP490 No.	TP600 No.	Ø in
0901146	*Multiuse "Y" blades for: grass, shrubs, bushes, sticks, woods*		44	44	1 1/4"
0901147	*"T" hammer for: woods*		22	22	1 3/4"

Equipped with:

- *Flail head.*
- *3 point ISO universal linkage CAT 2.*
- *FLOATING head system.*
- *Cable controls (Classic).*
- *Proportional electrical controls with 4 functions proportional (EG-Tronic).*
- *Totally independent hydraulic system (worm cast iron pump and motor).*
- *Drop forged parts for arms linkage and flail head rotation.*
- *115° Hydraulic break-back on power slew ram with max relief valve.*
- *Pressurized oil tank (protection cover available on EG-Tronic controls version ONLY).*
- *Oil cooler with thermostat.*
- *Mechanic roll-over protection system (SAB).*
- *Reversible rotor by cable (DSR).*
- *Front and rear abrasion resistant guard for flail head.*
- *Lift float kit.*
- *Oil and Pto shaft.*
- *2 parking stands & Forklift Pockets.*

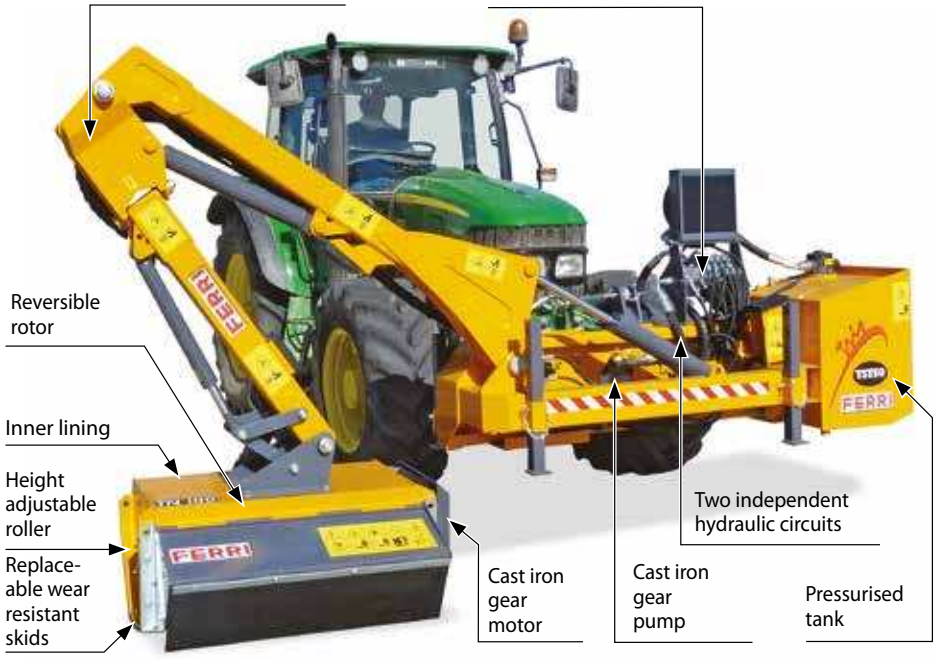
Option at an extra:

- *Flailhead TI120.*
- *Stabilizers to the tractor.*
- *Delta yoke for stabilizers.*
- *Stabilizers for Delta yoke.*
- *Top link.*
- *Bumpers with illumination system.*

In the flailhead section: *Interchangeable implements, special functions and technical information.*

HP 35 *available to the rotor*
HP 45 *max to hydraulic motor*

HYDRAULIC REACH MOWERS FOR TRACTORS WITH REVERSIBLE DRIVING POSITION OR FRONT POWER LIFT AND PTO



NEW

Total visibility both when in operation and during transport

DS-Tronic Dual

The TST50 hydraulic reach mowers, were develped and designed especially for the municipal and ground care operators.
This model is mounted to the front of the tractor which allows for excellent operational visibility.
The design of the arm allows the operator to fold it in a compact way to allow greater visibility for the operator during transfers.
Equipped with a hydraulic break back system on the second arm, the TST50 model is also equipped with an automatic anti-tilting device.
The TST50 is also equipped with an oilcooler, which allows for greater operational efficiency.

Road transport position.

Gear pump.

Single acting- double acting automatic switch.

Lift float nitrogen accumulator.

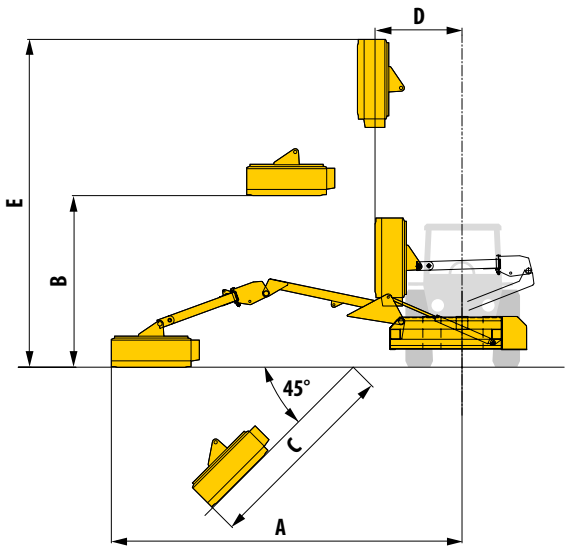
Hydraulic breakaway on second arm with accumulator controlled autoreset facility.

TECHNICAL DATA

Model	ft	ft	min max HP	MIN ft	MIN lb
TST50 Front	16'5"	3'11"	90 - 110	6'9"	7.055

Model	rpm	rpm	gal		ft/sec	lb
TST50 Front	1000	2800	34	190°	197	2.028

WORKING POSITIONS



	TST50 ft
A	16'5"
B	7'8"
C	9'7"
D	7'3"
E	15'6"

FLAIL HEAD

TI 120
Direct drive

Model	lbs
TI 120	463

FLAILS

Cod.	Model Interchangeable on the same rotor		TST 50 No.	Ø in
0901146	Multiuse "Y" blades for: grass, shrubs, bushes, sticks, woods		44	1 1/4"
0901147	"T" flails for: wood		22	1 3/4"

Equipped with:

- 3 point ISO universal linkage CAT 2.
- Linkage on front plate.
- Oil cooler in aluminium with thermostat.
- Double-speed electric control (DS-TRONIC DUAL).
- Hydraulic breakaway with accumulator controlled autoreset facilty on second arm.
- Floating head system to follow ground contours.
- Lift float electric (1st arm lift float with nitrogen accumulator) LFA Electric.
- Electric Roll Over protection system (SAB).
- Oil and PTO shaft.
- 4 parking stands.

TST50 requires front mount 3-point and front pto. Front hitch and PTO is not inclulded in TST50 pricing. Contact FERRI if you need a source for these components .

In the flailhead section: *Interchangeable implements, special functions and technical information.*

HP 49 *available to the rotor*
HP 63 *max to hydraulic motor*

PROFESSIONAL BOOM MOWERS FOR MUNICIPAL GROUNDS MAINTENANCE

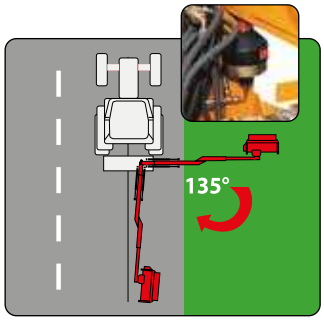
SC-Tronic Dual

The TXV reach mower series which is a proven product for Ferri is designed for the municipal and ground care operators.
The machine is equipped with a high power hydraulic system which includes cast iron pumps and motors coupled to a worm high torque transmission gearbox.
Comfort is ensured by the "Plus" console with proportional electro-hydro-electric controls.
The TXV hydraulic reach mowers combine two uses: traditional position of the flailhead or advanced position of the flaihead for better visibility.

High Power Gear hydraulic system.

Oil cooler with thermostat.

Rear mounted flailhead with rack and pignon gear to ensure the most precise cutting position.



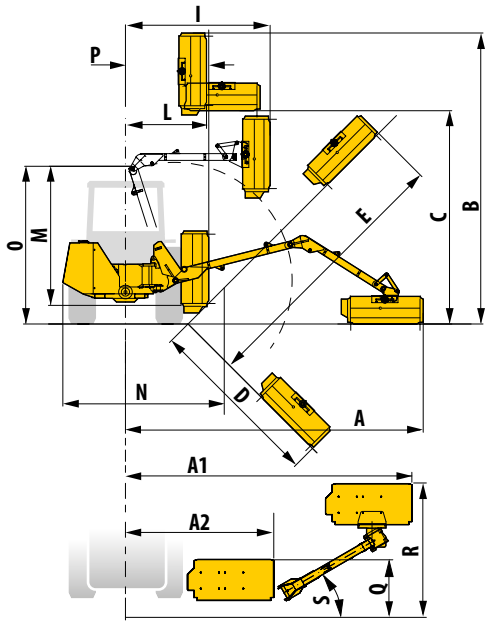
Hydraulic breakaway with accumulator controlled autoreset facility (SRA).

TECHNICAL DATA

Model	ft	ft	min / max HP	MIN ft	MIN lb
TXV50	15'5" - 17'2"	3'10"	80 - 100	6'9"	7.5006
TXV60	18'2" - 20'6"	3'10"	90 - 110	7'6"	8.000

Model	rpm	rpm	gal		ft/sec	lb
TXV50	540	3.000	55	230°	197	2.756
TXV60	540	3.000	55	230°	197	2.855

WORKING POSITIONS



	TXV50	TXV60
	ft	ft
A	17'19"	20'51"
A1	15'39"	18'21"
A2	7'91"	7'91"
B	16'96"	20'11"
C	13'25"	16'47"
D	10'17"	13'06"
E	15'58"	18'86"
I	8'40"	9'61"
L	4'59"	4'92"
M	8'01"	9'68"
N	8'79"	8'79"
O	9'15"	10'86"
P	4'82"	4'82"
Q	4'92"	4'92"
R	9'25"	10'86"
S	30°	30°

FLAIL HEAD

TNI 125
Direct drive

DOMEX® HIGH STRENGTH STEEL

Model	lbs
TNI 125	573

FLAILS

Cod.	Model		TXV 50	TXV 60	Ø in
	With dedicated rotor		No.	No.	
0901209	"Y" blades for: grass, shrubs		52	52	1 1/4"
	With dedicated rotor				
0901213	Reinforced rotating hammers: wood		18	18	2 1/2"

Equipped with:

- Flail head.
- 3 point ISO universal linkage CAT 2.
- FLOATING head system.
- SC Tronic Dual Electric control proportional with two separate elements. With CANBUS technology.
- Totally independent hydraulic system.
- Worm gearbox "HP" (high performance) high torque transmission.
- Hydraulic break-back with accumulator controlled autoreset facility.
- 129° power slew.
- Oil cooler with thermostat.
- Front and rear abrasion resistant guard for flail head
- Pressure relief valve kit for rack on flail head.
- Lift float kit.
- Oil and Pto shaft.
- 4 parking stands & Forklift Pockets.

Option at an extra:

- Top link.
- set of short stabilizer.
- Rear axle rigid fitting system recommended for TVX 60).
- Delta Bracket.

FERRI
SIMPLY. THE MOWER

TSKID

55÷100 HP

14.3 ÷ 20.9 gal/min

Ø max 1.97 in

FLAIL HEADS FOR MINI-LOADERS

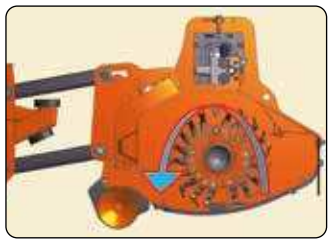
Hydraulic flail head for works on uncultivated land, underbrush and green areas, with grass, bushes, pruning and brambles up to Ø 0,13 ft.
It is applied to skid steer loaders with power ranging between 55 HP and 100 HP and with oil flow from 95/21 gal min.

"Overlap" rotor.

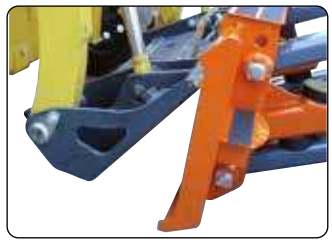
Belt transmission.

Parallel linkage for better floating on uneven grounds

Adjustable skids with replaceable wear proof plates.



Unidirectional motor (with drainage)



Linkage SAE J2513 with self levelling device.

TECHNICAL DATA

Model	ft.	ft.	n.	lb	gal min/max	Max. bar	n.	n.
TSKID 1800	5'11"	6'9"	4	1650	14.29 ÷ 17.59	190 ÷ 210	18	54
TSKID 2000	6'7"	7'5"	4	1720	16.49 ÷ 20.89	190 ÷ 210	20	60

CUTTING FLAILS

Cod.	Model Interchangeable on the same rotor		TSKID 1800 No	TSKID 2000 No	Ø in
0901196	Forged hammer-blades for: wood and shrubs		18	20	2"
0901146	Multiuse blades for grass, bushes, shrubs, sticks, wood		54	60	1'/2"

Equipped with:

- Unidirectional motor (with drainage).
- Parallel linkage for better floating on uneven grounds.
- Linkage SAEJ2513 with self levelling device.
- "Overlap" rotor.
- Mechanical side shift.
- Anti-shock + anticavitation valve.
- Steel adjusting valve complete with pipes.
- Hydraulic pipes and connections protected by spiral hose guard.
- Belts transmission
- Adjustable skids with replaceable wear proof plates.
- Rear adjustable roller Ø 6" 1/2.
- Counterblade.
- Rubber and abrasion resistant guard.

Option at an extra:

- Flow divider kit complete with pipes and fittings, recommended in case of no supply lines for jack and adoption of the TSK2007 kit (TSK 1604).
- 11" (Lh & Rh) Side shift with hydraulic cylinder complete with pipes.

FERRI
SIMPLY. THE MOWER

TSKQ/F

70÷120 HP

21 ÷ 39 gal/min

Ø max 8″

HYDRAULIC FORESTRY MULCHER WITH FIXED TEETH FOR SKID LOADER

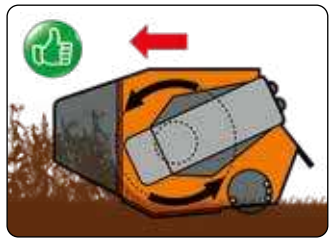
NEW

HARDOX®
WEAR PLATE

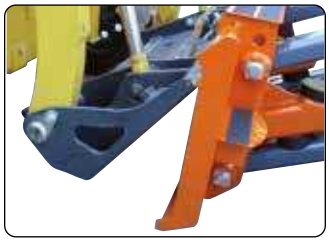
Hydraulic forestry flail head with fixed teeth for work on uncultivated land, wooded areas and green areas, with grass, bushes, weeds and brambles up to Ø 7.88 inch.
It is applied to skid steer loaders with power ranging between 70 HP and 120 HP and with oil flow from 21 to 40 gal/min.

Rotor, fixed teeth with tungsten coating and rotor with steel profiles.

Belt transmission.



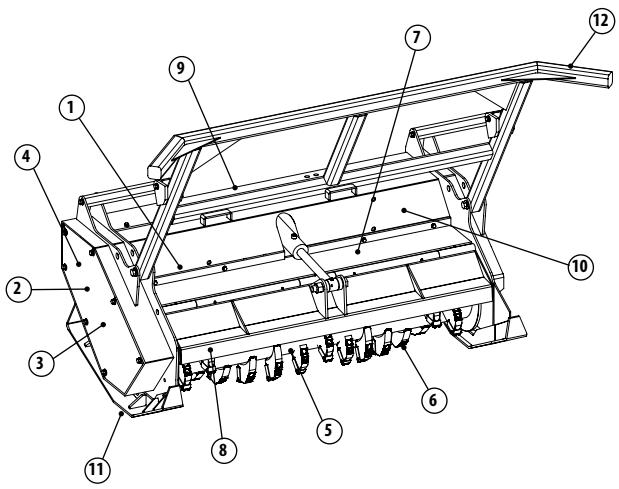
Rotor direction for grass and bushes.



Universal coupling SAE J2513.

TECHNICAL DATA

Model	ft.	ft.	n.	lb	gal min/max	Max. PSI	n.
TSKQ/F 1600	5'3"	6'2"	4	2250	21.13 ÷ 39.65	3190 ÷ 3916	33
TSKQ/F 1800	5'11"	6'9"	4	2425	21.13 ÷ 39.65	3190 ÷ 3916	39



1	Hydraulic motor
2	Pulleys
3	Belts
4	Belt protection cover
5	Tool shaft (rotor)
6	Cutting flails
7	Frame
8	Front protection
9	Calibrating adjusting valve (optional)
10	Protective cover
11	Skids
12	Push-over bar (opt.)

Equipped with:

- *Universal quick coupling SAE J2513.*
- *High strength reinforced frame in high yield point steel.*
- *Double skin HARDOX steel frame equipped with two rows of counter-blades.*
- *Two rows of counter-knives inside the frame.*
- *50 cc piston engine.*
- *Built-in 3/4" 3C valve (Control Valve: Anticavitation, Antishock, Flow Limiter).*
- *Bearings mounted inside the rotor.*
- *Front hood opening with hydraulic cylinder.*
- *Adjustable side skids.*
- *Hydraulics tubes with a length of 1.8 m.*

Option at an extra:

- *Electrohydraulic hatch-opening kit, including deutsch 8-pin socket..*
- *Bosch-Rexroth VM55 Variable Displacement Motor.*
- *Push over bar.*

CUTTING FLAILS

Cod.	Model With dedicated rotor		TSKQ/F 1600 No	TSKQ/F 1800 No	Ø in
THFSZPU123	*Tungsten tipped tool* 180°		33	39	8"

FERRI
SIMPLY. THE MOWER

TSKQ/A

70÷120 HP

21 ÷ 39 gal/min

Ø max 8″

HYDRAULIC FORESTRY MULCHER WITH FIXED TEETH FOR SKID LOADER

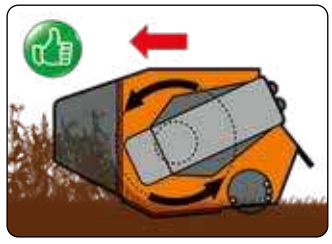
NEW

HARDOX®
WEAR PLATE

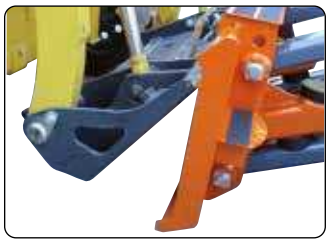
Hydraulic forestry flail head with fixed teeth for work on uncultivated land, wooded areas and green areas, with grass, bushes, weeds and brambles up to Ø 7.88 inch.
It is applied to skid steer loaders with power ranging between 70 HP and 120 HP and with oil flow from 21 to 40 gal/min.

Apeiron rotor with fixed tools and tungsten carbide inserts with steel profiles.

Belt transmission.



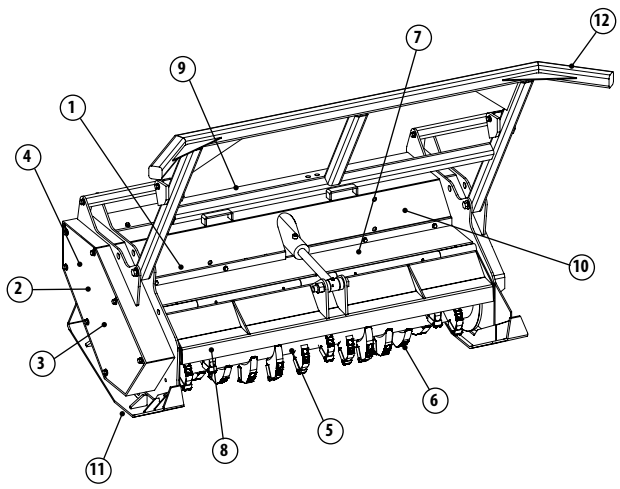
Rotor direction for grass and bushes.



Universal coupling SAE J2513.

TECHNICAL DATA

Model	ft.	ft.	n.	lb	gal min/max	Max. PSI	n.
TSKQ/A 1600	5'3"	6'2"	4	2250	21.13 ÷ 39.65	3190 ÷ 3916	33
TSKQ/A 1800	5'11"	6'9"	4	2425	21.13 ÷ 39.65	3190 ÷ 3916	39



1	Hydraulic motor
2	Pulleys
3	Belts
4	Belt protection cover
5	Tool shaft (rotor)
6	Cutting flails
7	Frame
8	Front protection
9	Calibrating adjusting valve (optional)
10	Protective cover
11	Skids
12	Push-over bar (opt.)

Equipped with:

- *Universal quick coupling SAE J2513.*
- *High strength reinforced frame in high yield point steel.*
- *Double skin HARDOX steel frame equipped with two rows of counter-blades.*
- *Two rows of counter-knives inside the frame.*
- *50 cc piston engine.*
- *Built-in 3/4" 3C valve (Control Valve: Anticavitation, Antishock, Flow Limiter).*
- *Bearings mounted inside the rotor.*
- *Front hood opening with hydraulic cylinder.*
- *Adjustable side skids.*
- *Hydraulics tubes with a length of 1.8 m.*
- *Apeiron rotor.*

Option at an extra:

- *Electrohydraulic hatch-opening kit, including deutsch 8-pin socket..*
- *Bosch-Rexroth VM55 Variable Displacement Motor.*
- *Push over bar.*

CUTTING FLAILS

Cod.	Model / With dedicated rotor			TSKQ/A 1600 No	TSKQ/A 1800 No	Ø in
THFSZPU123	*Tungsten tipped tool*	180°		33	39	8"

Equipped with:

- *Front and rear guard.*
- *Adjustable rear roller.*
- *Main housing with inner lining.*
- *Reversible hydraulic motor in aluminum.*
- *Skids.*

TME

HYDRAULIC FLAIL HEADS WITH GEAR HYDRAULIC SYSTEM

FLAILHEADS

Model	In.	Compatibility	Cutting flails	Nr. No.
TME60	24	T250A	*Articulated "Y" blades*	32
TME80	32	T320A - T320AR	*Articulated "Y" blades*	40

FLAILS

Cod.	Specific rotor	Type	Ø in
0901133	*Articulated "Y" blades for: grass, shrubs*		*1"*

TID

HYDRAULIC FLAIL HEADS WITH GEAR HYDRAULIC SYSTEM

Equipped with:

- Front and rear guard.
- Adjustable rear roller.
- Main housing with inner lining.
- Reversible hydraulic motor in aluminum.
- Skids.

FLAILHEADS

Model	In.	Compatibility	Cutting flails	No.
TID100	39	T380D - T430D - T430DR	Multi-use and straight blades	36+18
TID100	39	T380D - T430D - T430DR	Articulated "Y" blades	36
TID100	39	T380D - T430D - T430DR	Multi-use and straight blades	36+18
TID100	39	T380D - T430D - T430DR	Articulated "Y" blades	36

FLAILS

Cod.	Interchangeable on the same rotor	Type	Ø in
0901158+ 0901159	Multi-use and straight blades for: grass, shrubs, bushes, reeds and wood		1 1/4"
0901049	Articulated "Y" blades for: grass, bushes		3/4"

Equipped with:

- *Front and rear guard.*
- *Adjustable rear roller.*
- *Main housing with inner lining.*
- *Reversible hydraulic motor in cast iron.*
- *Skids.*
- *Replaceable wear skids.*

TI ENERGY

HYDRAULIC FLAIL HEADS WITH GEAR HYDRAULIC SYSTEM

FLAILHEADS

Model	In.	Compatibility	Cutting flails	No.
TI 120	47	TM - TP - TST	"Y" blades	44
TI 120	47	TM - TP - TST	"T" hammer blades	22

FLAILS

Cod.	With dedicated rotor	Type	Ø in
0901146	"Y" blades for: grass, shrubs, bushes, reeds and wood		1 1/4"
0901147	"T" hammer blades for: wood		1 3/4"

TNI ENERGY

HYDRAULIC FLAIL HEADS WITH GEAR HYDRAULIC SYSTEM

DOMEX®
HIGH STRENGTH STEEL

Equipped with:

- *Front guard.*
- *Adjustable rear roller.*
- *Double skin.*
- *Reversible hydraulic motor.*
- *Skids.*

FLAILHEADS

Model	In.	Compatibility	Cutting flails	No.
TNI 125	49	TXV Series	*"Y" blades*	52
TNI 125	49	TXV Series	*Rotating hammers*	18

FLAILS

Cod.	With dedicated rotor	Type	Ø in
0901209	*"Y" blades for: grass, shrubs*		*1 1/4"*
	With dedicated rotor		
0901213	*Reinforced rotating hammers: wood*		*2 1/2"*

FF ENERGY

DITCH CLEANER FOR REACH MOWERS WITH A GEAR HYDRAULIC SYSTEM

The hydraulic motor is fed by oil intakes of the reach mower.
When ordering, it is essential to specify the characteristics of the reach mower model to which the attachment will be mounted.

INTERCHANGEABLE TERMINAL IMPLEMENTS		
Model	***Working width*** *ft*	***Series / model compatibility***
FF 45	*1'58"*	Serie/*Series* TSI
FF 60	*2'64"*	Serie/*Series* TXV - TGA

SE

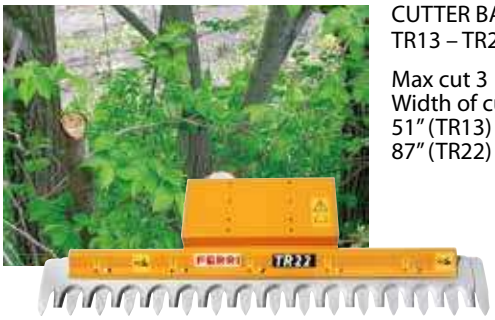
BLOWER

Air flow 90 m³/min.
300 mm diameter fan.
Suction housing 7-Blade.
Installation not included.
FOR COUPLING KITS PLEASE CONTACT OUR SALES OFFICE..

INTERCHANGEABLE TERMINAL IMPLEMENTS
Model
*SE31 – Blower - **

** Contact the sales department to identify the appropriate engine for your tractor, indicate model and power rating.*

INTERCHANGEABLE IMPLEMENTS FOR HYDRAULIC BOOM MOWERS



CUTTER BAR
TR13 – TR22

Max cut 3 1/4″
Width of cut:
51″ (TR13)
87″ (TR22)

CUTTER BAR CS150

Hedge trimmer.

Max cut 1/2″
Width of cut: 59″

DITCH CLEANER FF45-FF60

For the maintenance of ditches
Width 18″ & 24″

CUTTER BAR CSP150

Hedge trimmer.

Max cut 1/2″
Width of cut: 59″

INTERCHANGEABLE IMPLEMENTS

Base model	+ Mounting kit	Suitable for	Flails N°	Weight (Lbs)	Width of cut (in)
FF 45	+ FF 4501	TP	2 spattle/2blades	198	18
FF 60	+ FF 6003/03	TXV	2 spattle/4blades	308	24
CS 150/100	T32006 + T32010	T250A	Blades/Teeth	100	59
CS 150/100	T32006 + T32010	T320A	Blades/Teeth	110	59
CS 150/100	+ TM 5606	TM	Blades/Teeth	110	59
CS 150/100	+ CS 1503 + CS 1504	T460 - TP	Blades/Teeth	110	59
CSP 150	+ T 43014 + TD 4204	T380D T430D	Blades/Teeth	110	59
TR 13	+ TR 2202/01	TP (no oil cooler)	Teeth	375	51
TR 22	+ TR 2202/01	TP (no oil cooler)	Teeth	485	87
TR 13	+ TR 2202/01	TP (w/t oilcooler)	Teeth	375	51
TR 22	+ TR 2202/01	TP (w/t oilcooler)	Teeth	485	87
TR 13	+ TR 2201/01	TXV	Teeth	375	51
TR 22	+ TR 2201/01	TXV	Teeth	485	87

Equipped with:

- *Hydraulic motor*

The hydraulic motor is fed by oil intakes of the reach mower.
When ordering, it is essential to specify the characteristics of the reach mower model to which the attachment will be mounted.

TO BE NOTED

Mounting kit including hoses has to be specified with order according to the corresponding machine model.

TRACTOR FITTINGS

STABILIZERS

Power arms (Hedge cutters) are mounted to the tractor using conventional 3-point linkage connection. Due to the high offset loads on the linkage it is necessary to fit two additional stabilizers links between the frame and the tractor. (standard stabilizers).

"DELTA" YOKE FOR **stabilizers**

*Generally stabilizers should be fixed at the tractor side in the top link area. If there is not any provision on the tractor to attach the stabilizer, the **"DELTA"** yoke will provide a location.*

FIXED LINKAGE **for stabilizers**

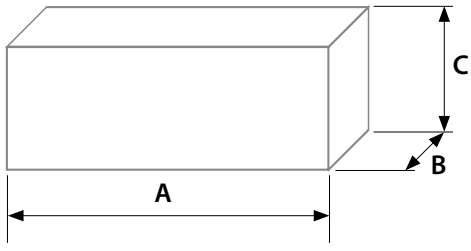
Some tractor are provided in the top link area of a specific high trailer hitch. In these cases we can offer a solution with the so called fixed linkage. This solution can be extended to any hedgecutter. Please note that the fixed linkage still need some adaptations depending on the tractor make.

Given the high lateral forces, the flailhead mowers must be attached to the tractor using a pair of stabilizer bars.

Axle Brackets.

Axle plates kit depending on tractors models.

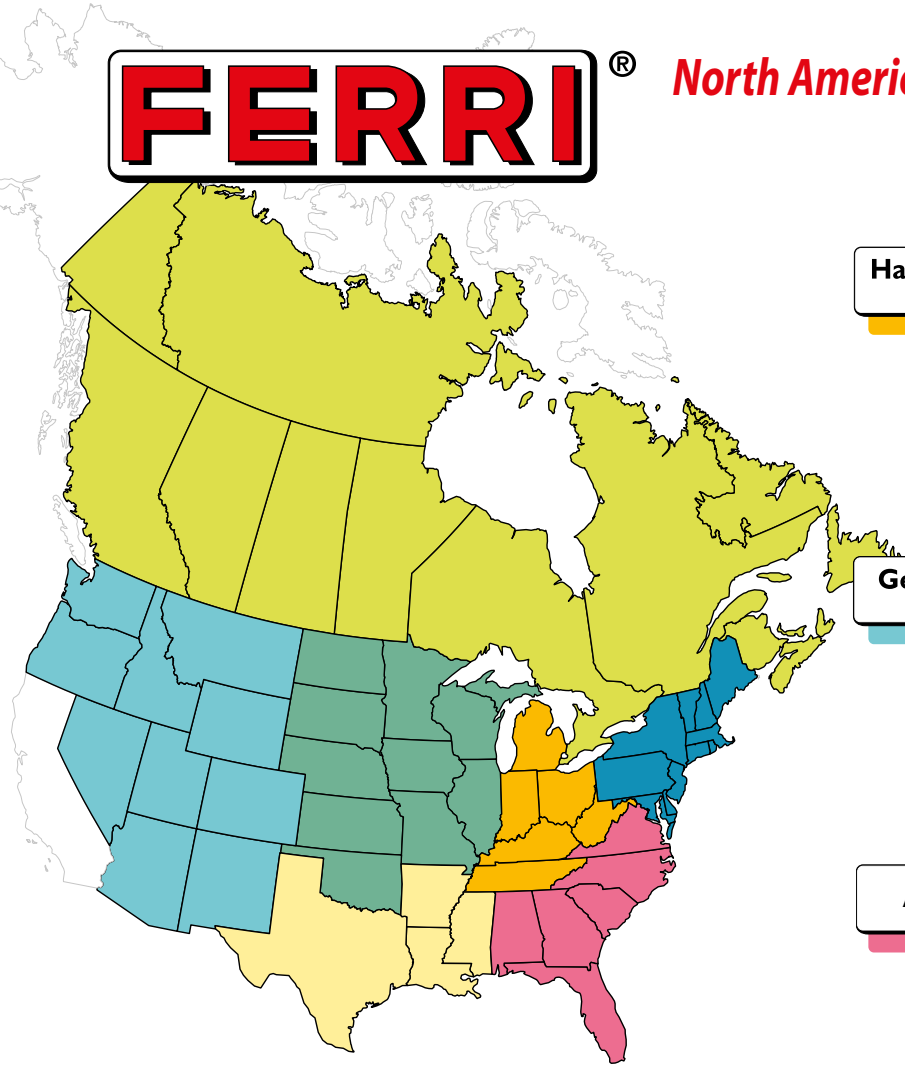
Models	Dimensions in Inches			Flail head	Weight
	A	B	C		Lbs
T350S	75″	29″	76″	CS150	580
T350SI	75″	29″	76″	CS150	780
T250A	69″	29″	62″	TME60	689
T320A	69″	29″	86″	TME80	848
T380D	69″	29″	79″	TID100	1136
T430D	69″	29″	79″	TID100	1147
T460	95″	35″	89″	TID100	1323
TM46	95″	35″	83″	TID100	1950
TP490	102″	37″	83″	TID100	2116
TP600	102″	37″	83″	TID100	2248
TST 50	97″	46″	69″	TI120	2200
TXV50	102″	37″	80″	TNI125	2370
TXV60	102″	37″	80″	TNI125	2469
TSKID1800	81″	54″	33″	–	1720
TSKID2000	89″	54″	33″	–	1790
TSKQ/F 1600	90″	38″	85″	–	2207
TSKQ/F 1800	90″	38″	85″	–	2304
TSKQ/A 1600	90″	38″	85″	–	2392
TSKQ/A 1800	90″	38″	85″	–	2568



To be noted: wooden boxes can be put one on top of the other, furthermore a wooden box can hold a pallet. A pallet cannot hold any other machine on its top. Every consignment will be carefully analyzed in order to avoid loss of space and to optimize the load.

FERRI®

North American Sales Organization



Ohio

Hayward Distributing Company

(Founded in 1976)

4061 Perimeter Drive
Columbus, OH 43228
Phone (614) 873-4620
Fax: (614) 873-8584
Email: agsales@haydist.com
Web Site: www.haydist.com

Utah

General Implement Distributors

(Founded in 1952)

2955 West 2100 South
Salt Lake City, Ut. 84119
Phone (801) 972-4321
Fax: (801) 972-4374
Email: dgull@generalimp.com
Web Site: www.generalimp.com

North Carolina

ACI Distributors

(Founded in 1984)

3220 New Town Blvd
St. Charles, MO 63301

Tennessee East Warehouse
4305 Memorial Hwy
Doyle, Tennessee 38559

Phone: # 800-237-0562
Email: sales@acidist.com
Web Site: www.acidist.com

Massachusetts

J.S.Woodhouse Company, Inc.

(Founded in 1843)

1314 Union Street P.O. Box 1169
West Springfield, MA 01090
Phone (413) 736-5462
FAX: (413) 732-3786
Email: info@jswoodhouse.com
Web Site: www.jswoodhouse.com

Texas

White's Inc.

(Founded in 1920)

4614 Navigation Blvd. Box 2344
Houston, TX 77252-2344
Phone: (713) 928-2632
Fax: (713) 928-5374
Email: wholegoodsales@whitesinc.com
Web Site: www.whitesinc.com

Nebraska

John Day Company

(Founded in 1909)

6263 Abbott Drive
Omaha NE 68110
Phone: (402) 455-8000
Email: agsales@johnday.com
Web Site: www.johnday.com

Ontario

Harco Ag Equipment

(Founded in 1982)

5808 Hwy #9 North
Harriston, Ontario, N0G 1Z0
Phone: (519) 338-2923
Fax: (519) 338-2756
Email: sales@harcoag.ca
Web Site: www.harcoag.ca

MOWERS & OFFSET/IN-LINE SLOPE MOWERS - 102024 - REV0

FERRI®

kiwa certified

EMDA
ASSOCIATE MEMBER
2023

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Via Govoni, 30
44034 Tamara (FE) Italy
Tel. 011 39 0532 866866 - Fax 011 39 0532 866851
info@ferrisrl.it - www.ferrisrl.it

FERRI America

North America Sales and Marketing Manager/FERRI Kent Zimmerman
Cell (402) 677-3424
E-mail: k.zimmerman@ferrisrl.it

FERRI PARTS STOCK

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Tel. 413-736-5462
Fax 413-732-3786
E-mail: info@jswoodhouse.com

FERRI®

MOWERS & OFFSET/IN-LINE SLOPE MOWERS

MT

MKD

ZME

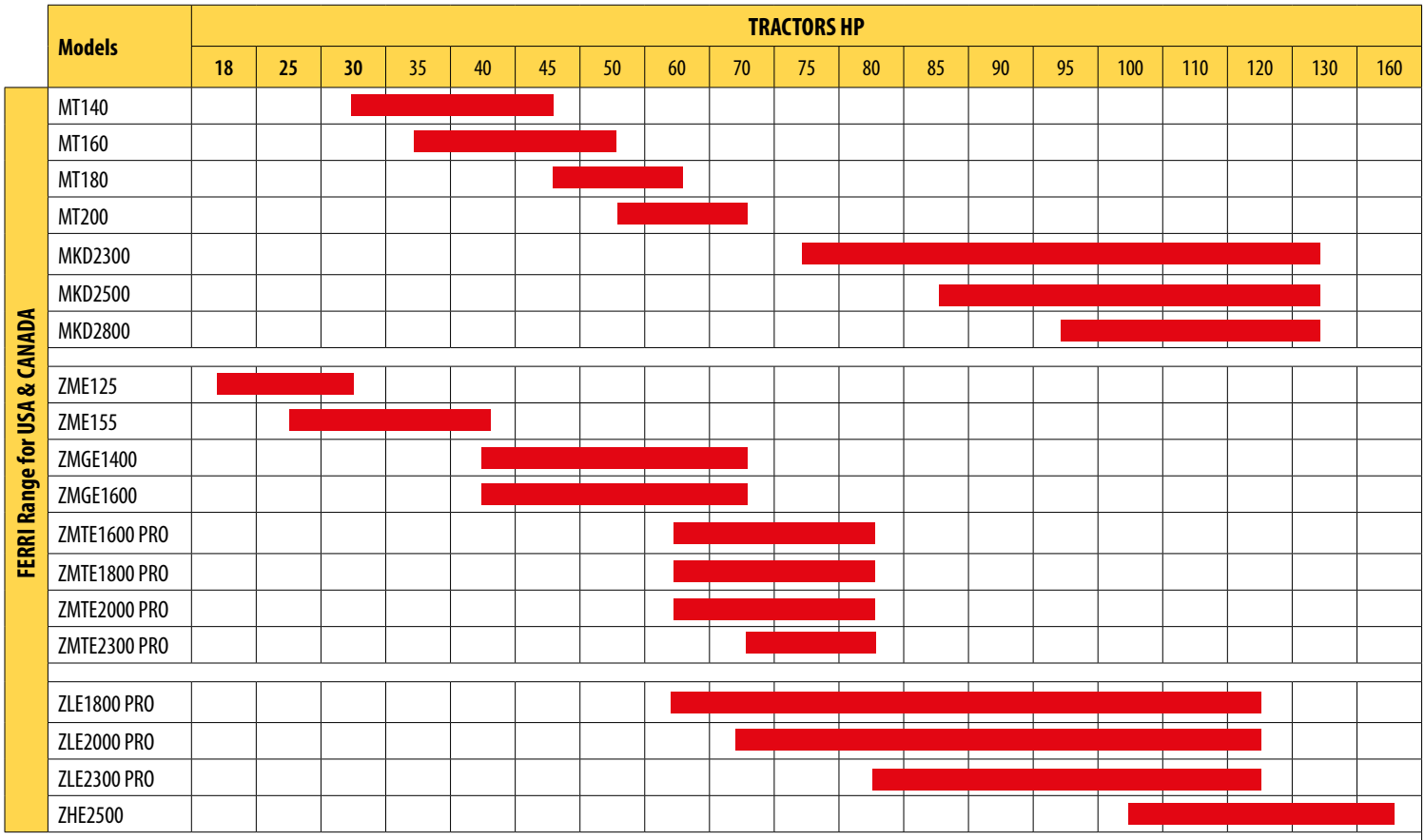
ZMGE

ZMTE PRO

ZLE PRO

ZHE

FERRI®
SIMPLY. THE MOWER



Which are the environmental conditions requested?

1	A	Parks, Gardens, open fields, set aside,	MT - MKD
	B	verges, ditches, banks	ZME-ZMG-ZMTE PRO-ZLE PRO-ZHE

Mowing Conditions?

2	A	Grass up to 20'' big	The all Range is OK		
	B	Grass more thank 20'' Big	MT-MKD-ZMGE-ZMTE PRO- ZLE PRO- ZHE		
		Woods/Branches/Bushes		What Thickness	Up to 1 3/4'' — ZMGE-ZMTE PRO - ZLE PRO
					Up to 2 1/4'' — ZHE

How much will the mower be used?

3	A	short periods per year (4-8 weeks) few hours per day (up to 4 hours)
	B	short periods per year (4-8 weeks) several hours per day (up to 6 hours)
	C	long periods per year (8-16 weeks) few hours per day (up to 8 hours)

Our Answer	AAA	MT	
	AAB	MT	
	AAC	MT - MKD (tractor size is the driving factor)	
	ABA	MT - MKD (tractor size is the driving factor)	
	ABB	MT - MKD (tractor size is the driving factor)	
	ABC	MKD (tractor size is the driving factor)	
	BAA	The all Range is OK (tractor size is the driving factor)	
	BAB	ZMGE-ZMTE PRO-ZLE PRO - ZHE (tractor size is the driving factor)	
	BAC	ZMGE-ZMTE PRO-ZLE PRO - ZHE (tractor size is the driving factor)	
	BBA	ZMGE-ZMTE PRO-ZLE PRO - ZHE (tractor size is the driving factor)	depending on Thickness
	BBB	ZMGE-ZMTE PRO-ZLE PRO - ZHE (tractor size is the driving factor)	depending on Thickness
	BBC	ZMTE PRO - ZLE PRO - ZHE (tractor size is the driving factor)	depending on Thickness

Index

Model	min max ft	min HP max	Cutting Flails			Page
MT	*4'7" - 6'6"*	30 -70			–	**04**
MKD	*7'6" - 8'9"*	75 - 130			–	**06**
ZME	*4'10" - 5'10"*	18 - 40		–	–	**08**
ZMGE	*4'8" - 5'4"*	40 -70			–	**10**
ZMTE PRO NEW	*5'5" - 7'6"*	60-80			–	**12**
ZLE PRO	*6'0" - 7'6"*	60 - 120			–	**14**
ZHE	*8'2"*	100 - 160			–	**16**

180 years of history

Since 1844 and for six generations, Ferri has been synonymous with Technological Innovation.
This evolution has been achieved through continuous focus on the research and development of machines for the maintenance of public and agricultural greenery.

Today, Ferri is one of the industry's leading companies in Europe with production and sales of more than 35.000 machines worldwide.

MOWERS FOR GRASS AND TWIGS

MT mower series are suitable for grass and twigs max 1' 3/4". The series is available in the fixed two-position version.
The possibility of adjusting the roller both in depth and in height makes the MT model particularly versatile and functional.

Internal rotor bearing.

Inner lining.

Adjustable belt-tensioner

In height adjustable real roller.

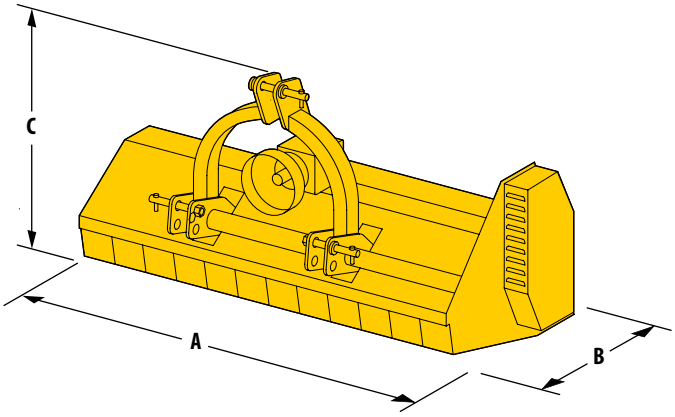
In depth adjustable real roller.

TECHNICAL DATA

Model	ft	min max HP	ft		ft
MT 140	4'7"	30-45	27" 15"		29" 41"
MT 160	5'3"	35-50	30" 18"		33" 45"
MT 180	5'10"	45-60	35" 18"		36" 53"
MT 200	6'6"	50-70	40" 23"		40" 57"

Model	rpm	rpm	n	ft/sec	lb
MT 140	540	2.280	2	150	705
MT 160	540	2.280	3	150	794
MT 180	540	2.280	3	164	926
MT 200	540	2.280	3	164	1.014

DIMENSIONS



Model	A	B	C
	ft	ft	ft
MT 140	5'	2'6"	2'2"
MT 160	5'8"	2'6"	2'2"
MT 180	6'4"	2'7"	2'3"
MT 200	7'	2'7"	2'3"

FLAILS

Cod.	Model		MT 140 No.	MT 160 No.	MT 180 No.	MT 200 No.	Ø in
0901129	"Y" blades for: grass, twigs		32	40	48	48	1 1/4"
0901134	Hammer blades for: grass, twigs		16	20	24	24	1 3/4"

Equipped with:

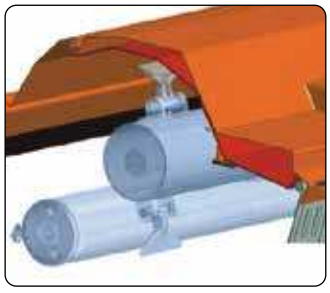
- 3 point ISO universal linkage cat.1 and 2 with hydraulic sliding linkage.
- Central and offset linkage.
- Adjustable rear roller.
- Adjustable belt-tensioner.
- Inner lining.
- Rotor bearing internally fitted.
- Pto shaft with overrun clutch.
- Side skids.

FERRI
SIMPLY. THE MOWER

MKD

FRONT AND REAR MOWERS FOR PROFESSIONAL GREEN MAINTENANCE AND AGRICULTURE

The MKD mowers are designed to handle multiple tasks daily, for tractors equipped with a rear and front P.T.O. These models are developed to be used by the green maintenance professionals to mow grass and cut vegetation. The rotor benefits of helical arrangement of the cutting tools to evenly distribute the workload and allow the best balancing obtaining a significant vibration reduction. The counterweights are distributed on the balancing discs and not welded to the rotor. The frame features an encased structure with two separate beams, one in the front and the other in the upper section to ensure the best ratio between weight and rigidity. Other details such as the tubular skids, the roller with bolted-angles and the belt transmission with its belt tightener place the MKD series at the top of the professional shredders.



Inner lining to fully protect the cutting head.

Belt drive with 4 or 5 belts and tightening pulley.

Side shift linkage with hydraulic cylinder.

Revolving upper three point linkage for front and rear mounting.

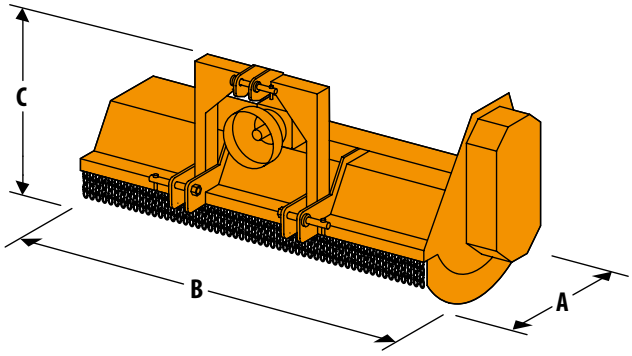
TECHNICAL DATA

Model	ft	min max HP	ft		ft
MKD 2300	7'6"	75-130	3'10" 2'4"		3'10" 5'4"
MKD 2500	8'2"	85-130	4'2" 2'8"		4'2" 5'8"
MKD 2800	8'9"	95-130	4'6" 3'		4'6" 6'

Model	rpm	ft	n	ft/sec	lb
MKD 2300	1.000*	1.97	4	177	1.929
MKD 2500	1.000	1.97	4	167	2.216
MKD 2800	1.000	1.97	5	167	2.304

(*) On request: Pto 540 Rpm, rotor 1900 Rpm, blade tip speed 50 m/sec.

DIMENSIONS



Model	A	B	C
	ft	ft	ft
MKD 2300	8'2"	3'10"	4'3"
MKD 2500	8'10"	3'10"	4'4"
MKD 2800	9'7"	3'10"	4'4"

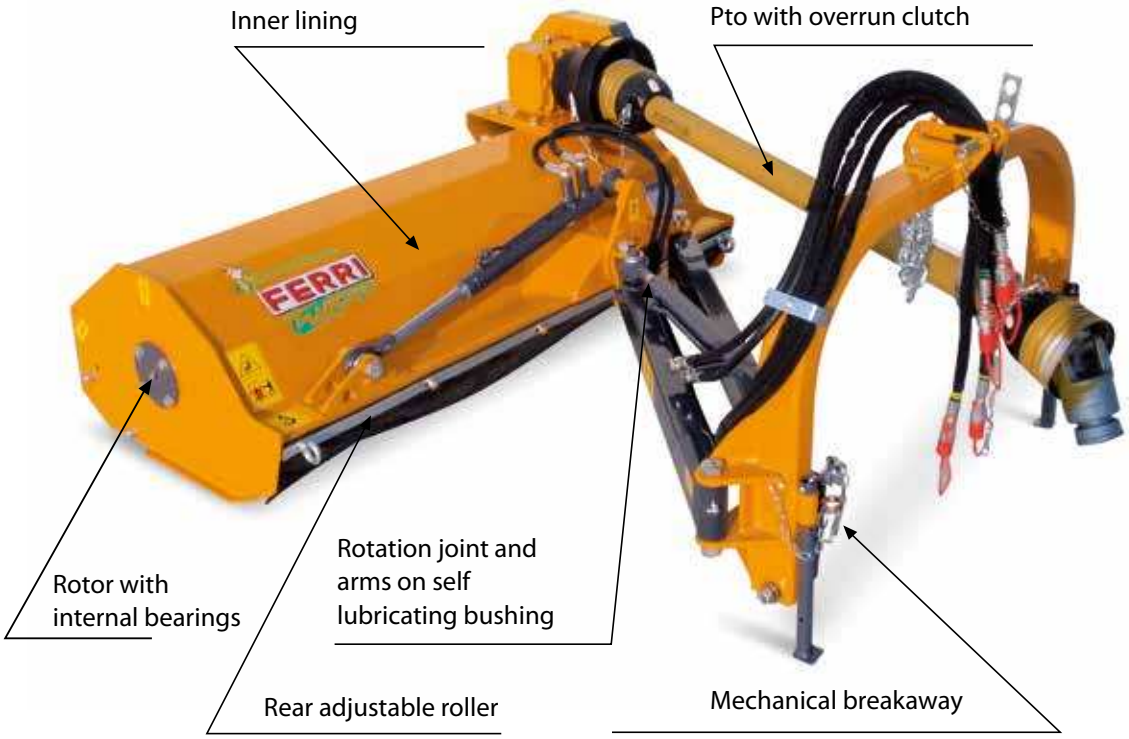
FLAILS

Cod.	Model Interchangeable on the same rotor		MKD 2300 No.	MKD 2500 No.	MKD 2800 No.	Ø in
0901146	Multi-use blades for: grass, shrubs, bushes, reeds		72	78	84	1 3/4"
0901196	Forged hammer-blades for: wood, grass, twigs		24	26	28	2"

Equipped with:

- Universal three point linkage ISO cat. 2 and 3. Revolving upper three point linkage for front and rear mounting.
- Revolving upper 3 point linkage for front and rear mounting.
- Gearbox prearranged for rear (clockwise rotaion) and front (anticlockwise rotation) mounting.
- Side shift linkage with hydraulic cylinder.
- Inner lining (for a better protection of the entire mowing body).
- Tightener pulley with axial floating, guarantees durability of the transmission by limiting the power dissipation in heat.
- Adjustable rear roller.
- (4 positions) Ø 6 1/2" with bolted on bearing housing ends.
- Rotor internal bearing.
- Spiral rotor with balancing shields.
- Tubular slides (facilitate the translation of the shredder) with anti-wear pads.
- Wear bar for cutting adjustement.
- Hydraulic hoses with quick couplings.
- Front guards with metal flaps.
- Rear abrasion resistant rubbercloth guard.
- PTO shaft.

OFFSET/IN-LINE SLOPE MOWERS SPECIFICALLY DESIGNED FOR COMPACT TRACTORS OFFSET MOWER



ZME is specifically designed for compact tractors; unique of its kind, it is ideally suited for tractors over 1543 lbs.

Gearbox inside the drive housing.

Internal rotor bearing.

Inner lining.

Mechanical breakaway (protection in the event of obstacles).

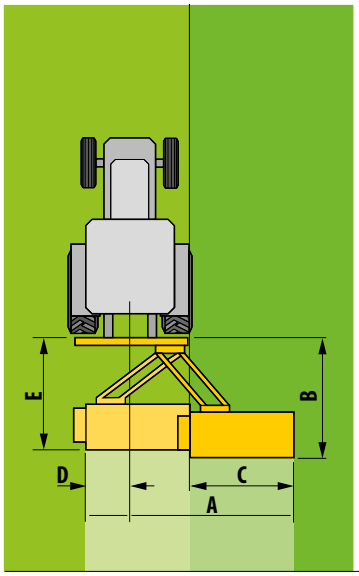
Rotor with internal sealed bearings.

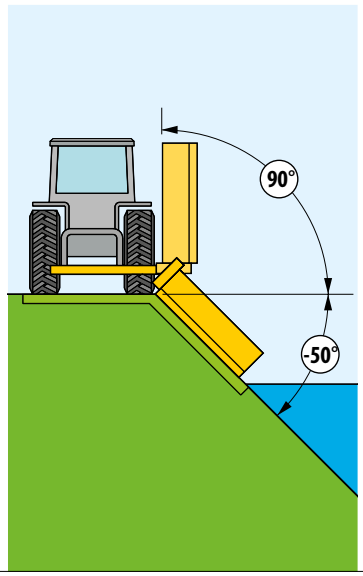
TECHNICAL DATA

Model	ft	min max HP	MIN ft	MIN lb
ZME 125	*4'1"*	18-30	*3'7"*	*1555*
ZME 155	*5'1"*	25-40	*3'11"*	*2000*

Model	rpm	rpm	n	ft/sec	lb
ZME 125	540	2.600	3	*150*	511
ZME 155	540	2.600	3	*150*	575

WORKING POSITIONS





Model	A ft	B ft
A	*5'9"*	*6'8"*
B	*5'1"*	*5'1"*
C	*4'1"*	*5'1"*
D	*2'4"*	*2'4"*
E	*4'3"*	*4'3"*

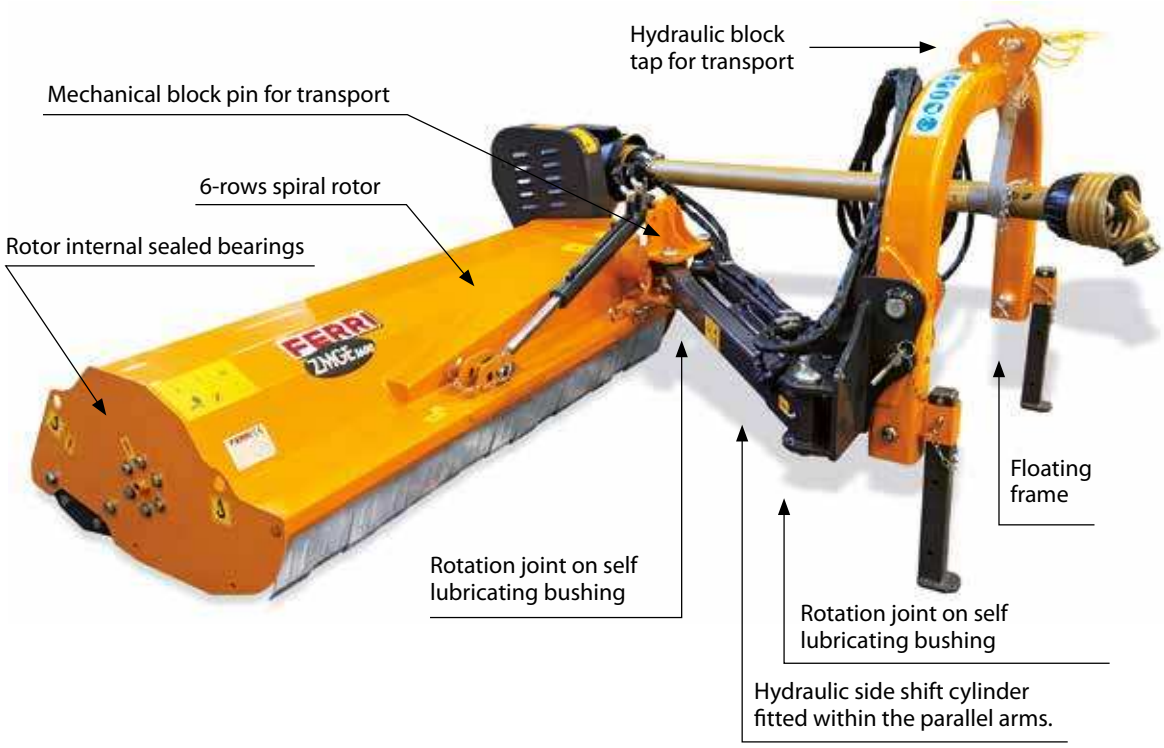
FLAILS

Cod.	Model		ZME 125 No.	ZME 155 No.	Ø in
0901133	*Articulated "Y" blades for: grass, brambles, bushes etc.*		56	72	*1"*

Equipped with:

- *Universal three point linkage ISO cat. 1.*
- *Hydraulic sideshift cylinder.*
- *Hydraulic cylinder for head positioning.*
- *Rotation joint and arms on self lubricating bushing.*
- *Rear adjustable roller Ø 4" – 3 positions.*
- *Main housing with inner lining.*
- *Front and rear protection of flail head.*
- *Pto with overrun clutch.*
- *Packaging.*

OFFSET/IN-LINE SLOPE MOWERS FOR AGRICULTURE AND GREEN AREAS



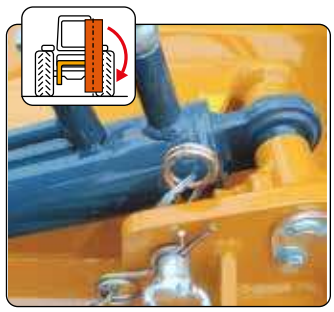
The new offset model ZMGE, compact and versatile, is the ideal solution for cleaning the edges of plots of land, ditch banks and green areas in general, suitable for tractors from 40 to 70 HP.
Recommended for grass, bushes, prunings up to a diameter of 1' 3/4". The ZMGE model can be configured with a rotor with pressed sledgehammers or with a multi-purpose multi-knife rotor for particularly accurate grass trimming.

Gearbox unit outside the transmission cover (more offset and less PTO angle).

Hydraulic side shift cylinder fitted within the parallel arms for better protection during work.

Floating frame following the ground contours

Hydraulic block tap for transport with manual activation (no chains or holders)



Mechanical block pin for transport (no chains or holders)

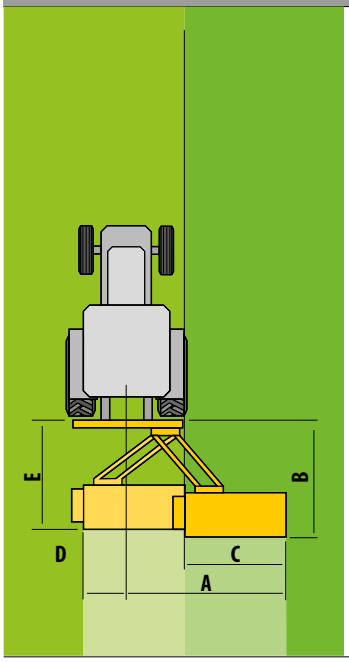
Rotor internal sealed bearings

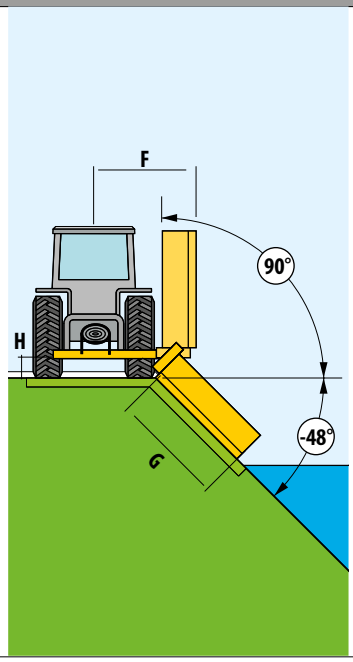
TECHNICAL DATA

Model	ft	min max HP	MIN ft	MIN lb
ZMGE 1400	4'8"	40 - 70	4'11"	3.527
ZMGE 1600	5'4"	40 - 70	4'11"	3.748

Model	rpm	rpm	n	ft/sec	lb
ZMGE 1400	540	2.700	3	157	981
ZMGE 1600	540	2.700	3	157	1.025

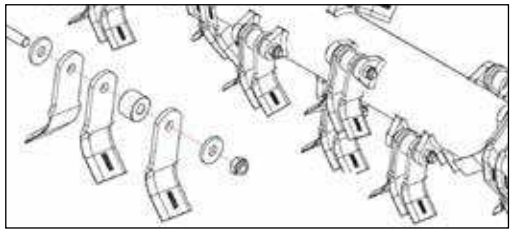
WORKING POSITIONS





Mod.	ZMGE 1400	ZMGE 1600
	ft	ft
A	8'6"	9'2"
B	5'11"	5'11"
C	4'8"	5'4"
D	0'5"	0'5"
E	5'8"	5'8"
F	5'5"	5'5"
G	3'4"	4'
H	1'4"	1'4"

"MULTI-Y" FLAILS
Innovative rotor with multi-purpose knives for more accurate and uniform shredding of cultural residues.



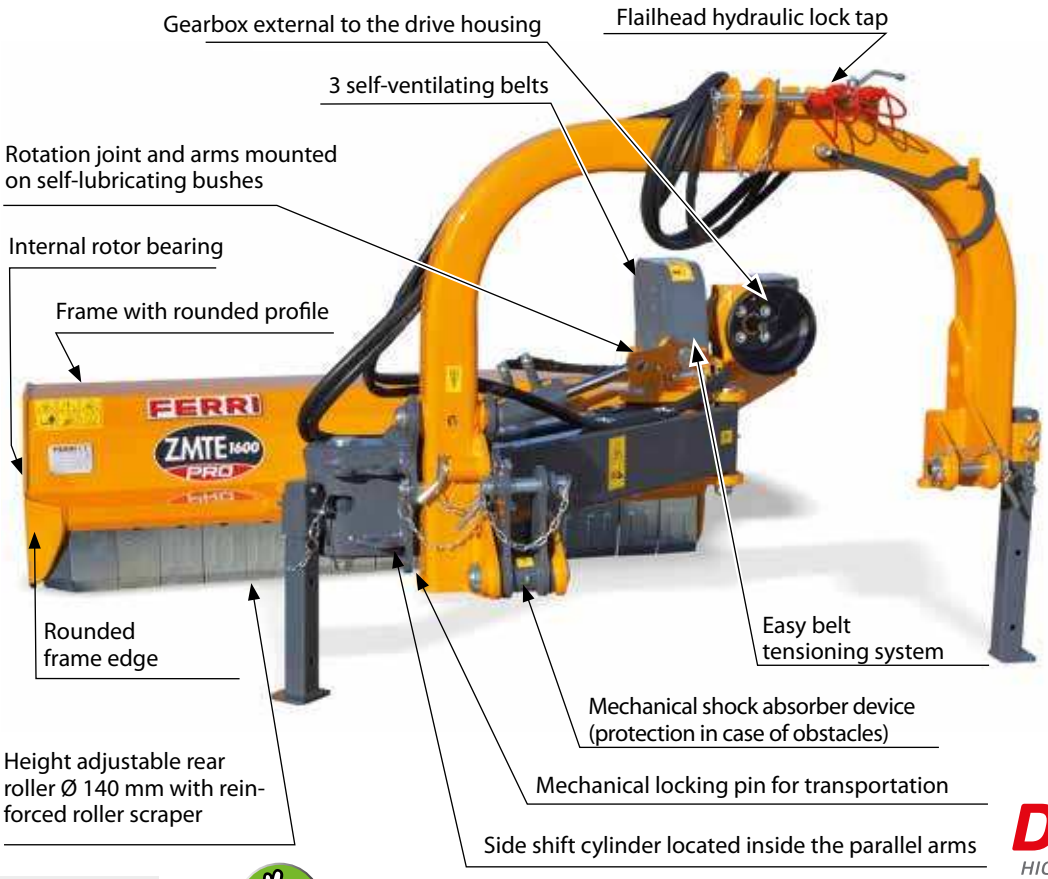
FLAILS

Cod.	Model Interchangeable on the same rotor		ZMGE 1400 No.	ZMGE 1600 No.	Ø in
0901158	Multi-use blades for: grass, shrubs, bushes, reeds		54	66	1' 1/4"
0901194	Forged hammer-blades for: wood, grass, twigs		18	22	1 3/4"

Equipped with:

- Gearbox is fitted outside the transmission cover (more reach and less pto shaft angle.
- Double locking system for transport (this avoids accidental tilting or side movement of the flail head) no need for chains or holders.
- Floating frame (the joint pin on the tractor side allows the head system to follow the ground, protecting the arm structure).
- Gearbox with free wheel.
- Hydraulic side shift cylinder fitted within the parallel arms for better protection during work.
- Hydraulic cylinder for head positioning.
- Rotation joint and parallel arms on self lubricating bushings.
- Heat treated pins.
- Rotor internal sealed bearing.
- Adjustable Rear Roller ø 5.5".
- Front guard with metal flaps.
- Reinforced Pto Shaft.
- Packaging (pallet).
- Adjustable side skids.

OFFSET/IN-LINE SLOPE MOWERS FOR AGRICULTURE AND GREEN AREAS



NEW

DOMEX® HIGH STRENGTH STEEL

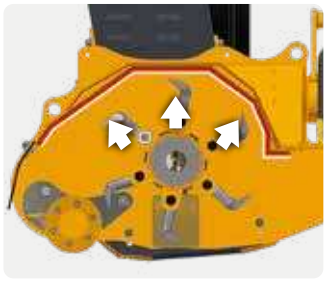
The new model of side shredder ZMTE PRO, is the ideal solution for the cleaning of edges of plots of land, ditch banks, and generally green areas.

The external positioning of the multiplier unit allows to operate totally outside the tractor track in absolute safety, suitable for tractors from 60 to 80 HP.

As standard, the ZMTE PRO model is equipped with the DOMEX subframe to avoid damage to the frame itself and the innovative mechanical shock absorber to protect the whole machine in case of impact against obstacles.

Recommended for grass, bushes, shrubs and wood up to 1' 3/4" in diameter.

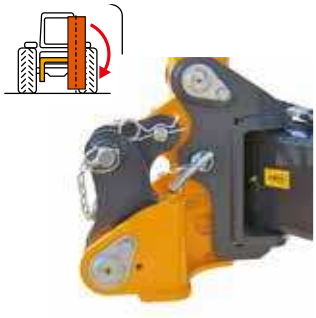
Gearbox external to the drive housing.



*Inner lining **"Full coverage" Domex 700** Steel.*

Mechanical shock absorber device (protection in case of obstacles).

Floating flail body frame, self-leveling to the ground.



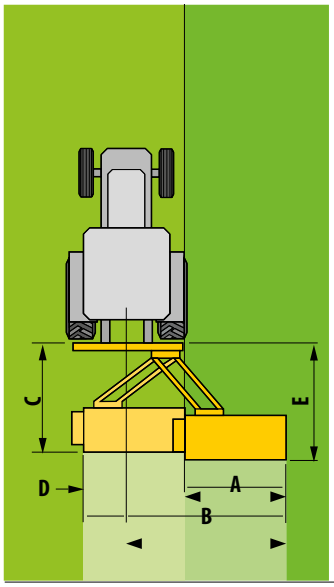
Mechanical locking pin for transport (no chains, no brackets).

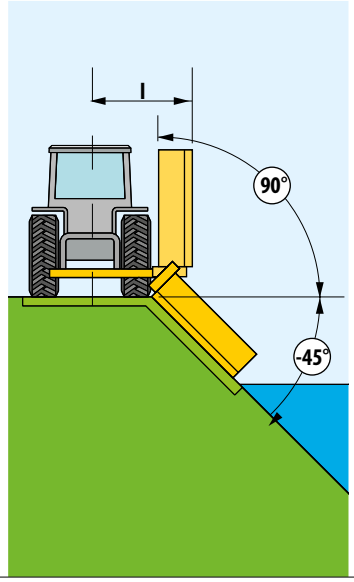
TECHNICAL DATA

Model	ft	min max HP	MIN ft	MIN lb
ZMTE PRO 1600	5'5"	60-80	5'3"	5.291
ZMTE PRO 1800	6'1/2"	60-80	5'11"	5.291
ZMTE PRO 2000	6'8"	70-80	6'7"	5.732
ZMTE PRO 2300	7'6"	70-80	7'7"	5.732

Model	rpm	rpm	n	ft/sec	lb
ZMTE PRO 1600	540	2.514	3	177	1.336
ZMTE PRO 1800	540	2.514	3	177	1.398
ZMTE PRO 2000	540	2.514	3	177	1.444
ZMTE PRO 2300	540	2.514	4	177	1.556

WORKING POSITIONS





Mod.	ZMTE PRO 1600	ZMTE PRO 1800	ZMTE PRO 2000	ZMTE PRO 2300
	ft	ft	ft	ft
A	5'5"	6' 1/2"	6'8"	7'6"
B	9'2"	9'10"	10'6"	11'4"
C	6'1"	6'1"	6'1"	6'1"
D	0.72	0.72	0.72	0.72
E	1"	1"	1"	1"
I	5'5"	5'5"	5'5"	5'5"

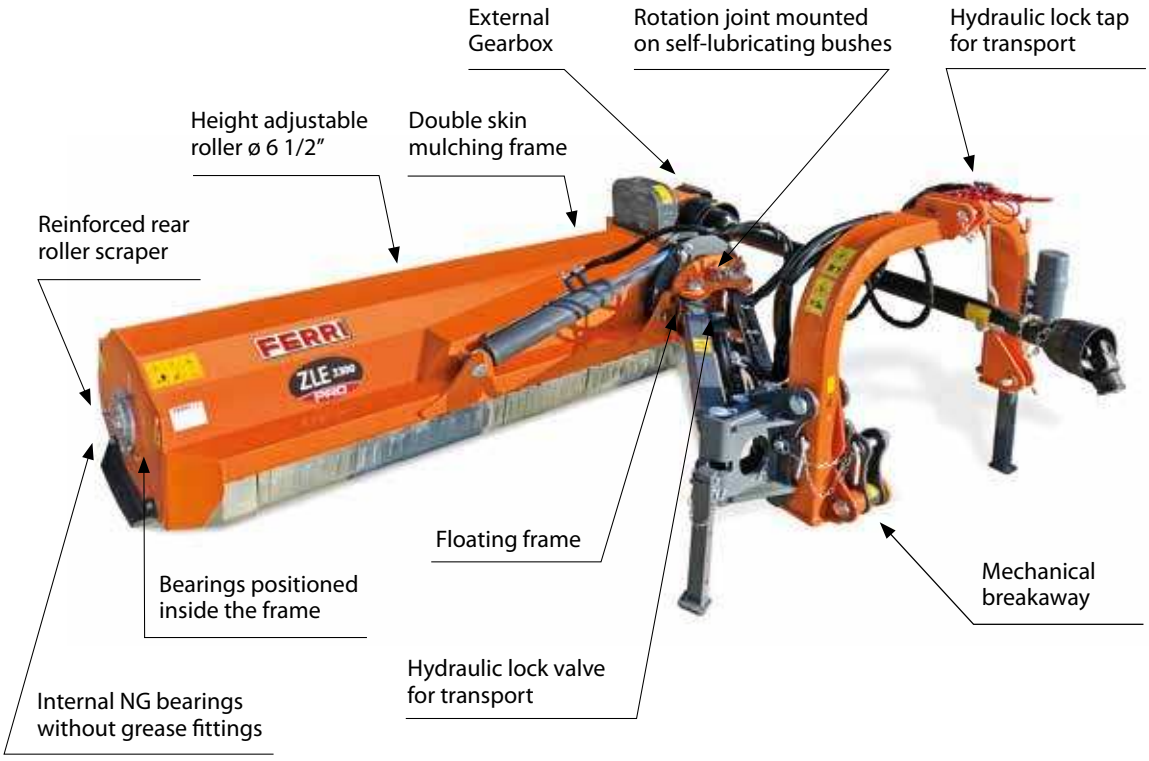
FLAILS

Cod.	Model Interchangeable on the same rotor		ZMTE 1600 No.	ZMTE 1800 No.	ZMTE 2000 No.	ZMTE 2300 No.	Ø in
0901129	"Y" blades for: grass, bushes, shrubs		40	48	48	52	1 1/4"
0901134	Forged hammer-blades for: wood, grass, twigs		20	24	24	24	1 3/4"

Equipped with:

- Universal three point linkage ISO cat. 2.
- Gear unit pdf 540 rpm in OFFSET position, box support bolted to the frame.
- Inner lining "Full coverage" Domex 700.
- Internal rotor bearings.
- Head positioning hydraulic cylinder and mechanical safety device for transport.
- Lateral parallelogram offset with protected adjustable hydraulic cylinder.
- Rotation joint and arms mounted on self-lubricating bushes.
- Floating flail body frame, self-leveling to the ground.
- Mechanical shock absorber device (protection in case of obstacles).
- Transport position with mechanical safety device.
- Easy belt tensioning system.
- FerriPERFECT, electronic balancing system and two-phase numerical control of the rotor.
- Reinforced "OVERLAP" double row spiral rotor.
- Height adjustable rear roller with reinforced roller scraper.
- Front guard with steel flaps.
- Rear guard with reinforced wear resistant rubber cloth.
- Hexalobate profile PTO shaft with reinforced cruises.
- Packaged on a separate pallet.
- Adjustable side skids.

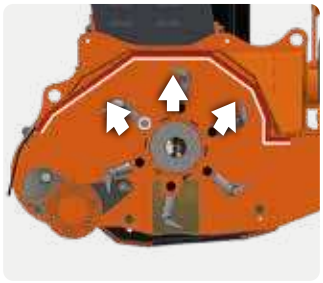
PROFESSIONAL OFFSET/IN-LINE SLOPE MOWERS FOR MUNICIPAL AND GREEN AREAS



STRENX™ PERFORMANCE STEEL

The new model of professional offset mower ZLE PRO is particularly recommended for mulching prunings, branches and in general for the maintenance of road verges, hedges and embankments.
It can work behind the tractor in both central and lateral positions. Suitable for tractors from 60 to 120 HP.
As standard, the ZLE PRO model has a reinforced structure with the subframe in STRENX steel to avoid damage to the frame and the efficent mechanical breakaway to protect the machine in the event of a collision with obstacles.

Gearbox unit outside the transmission for more homogeneous mulching.



*Double skin mulching frame with interanl "**Full Coverage**" layer in **Strenx 700**.*

Mechanical shock absorber device, total protection in case of collision with obstacles.

Rotor support with bearings positioned inside the frame.

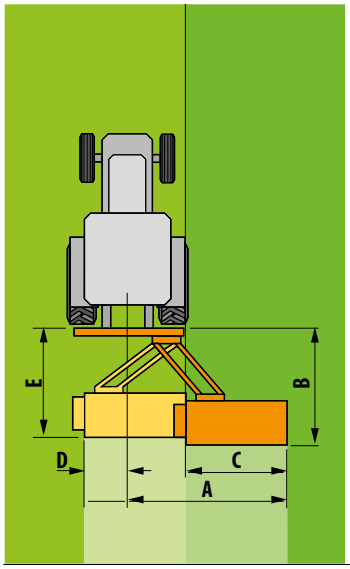
Rear roller support with internally fixed bearings NG without grease fittings.

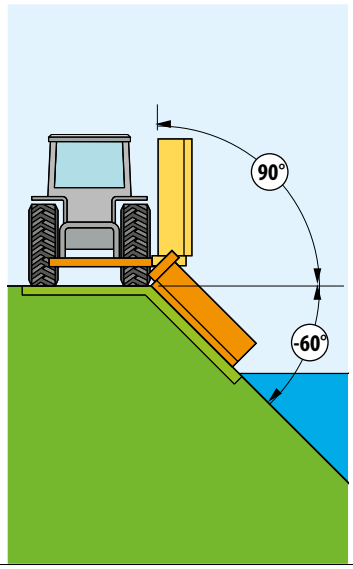
TECHNICAL DATA

Model	ft	min HP max	MIN ft	MIN lb
ZLE PRO 1800	6'0"	60 - 120	6'7"	6.173
ZLE PRO 2000	6'8"	70 - 120	7'3"	6.620
ZLE PRO 2300	7'6"	80 - 120	7'7"	7.050

Model	rpm	rpm	n	ft/sec	lb
ZLE PRO 1800	540	2.250	4	174	1.830
ZLE PRO 2000	540	2.250	4	174	1.896
ZLE PRO 2300	540	2.250	4	174	2.000

WORKING POSITIONS





	ZLE PRO 1800	ZLE PRO 2000	ZLE PRO 2300
	ft	ft	ft
A	9' 11"	10' 6"	11' 4"
B	6' 6"	6' 6"	6' 6"
C	6' 0"	6' 8"	7' 6"
D	5' 1/2"	5' 1/2"	5' 1/2"
E	6' 4"	6' 4"	6' 4"

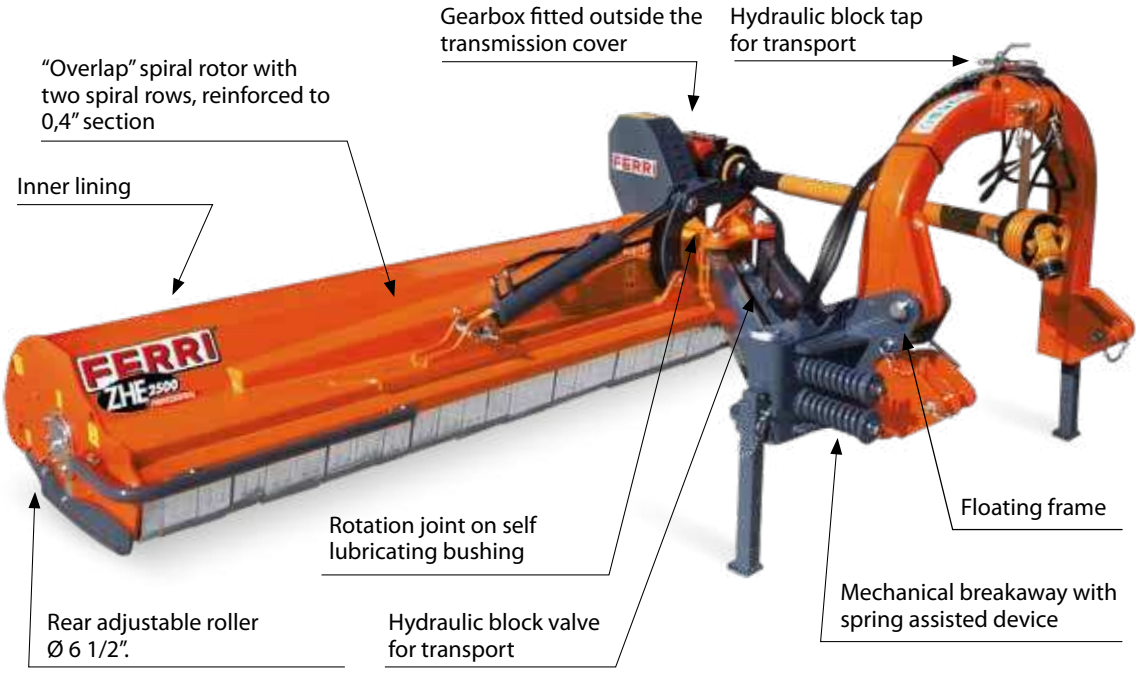
FLAILS

Cod.	Model Interchangeable on the same rotor		ZLE PRO 1800 No.	ZLE PRO 2000 No.	ZLE PRO 2300 No.	Ø in
0901146	Multi-use blades for: grass, shrubs, bushes, reeds		54	60	66	1 1/4"
0901196	Forged hammer-blades for: wood, grass, twigs		18	20	22	1 3/4"

Equipped with:

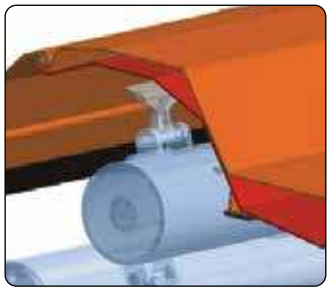
- Universal three point linkage ISO cat 2.
- Gearbox unit pdf 540 rpm in OUTSIDE position, gearbox support screwed to the frame.
- Double skin mulching frame with interanl "Full Coverage" layer in Sttrenx 700.
- Rotor bearings positioned inside the frame.
- Hydraulic ram for mulching head positioning and 2 hydraulic safety devices for transport.
- Sideshift with protected adjustable hydraulic cylinder.
- Rotation joint and arms mounted on self- lubricating bushes.
- Floating frame, self-leveling to the ground.
- Mechanical shock absorber device, total protection in case of collision with obstacles.
- Mechanical safety in transport.
- Easy transmission belt tensioning system.
- FerriPERFECT, electronic balancing system and two-phase numerical control of the rotor.
- Reinforced "OVERLAP" double row spiral rotor.
- Adjustable rear roller Ø 168 mm with NG bearing supports and reinforced roller scraper.
- Front guard with steel flaps.
- Rear guard with reinforced wear resistant rubber cloth.
- Hexalobate profile PTO shaft with reinforced cruises.
- Symmetrical wear-resistant skids.
- Packaged on a separate pallet.

OFFSET/IN-LINE SLOPE MOWERS FOR PROFESSIONALS AND GREEN AREAS



The ZHE2500 Central and offset mower meets the needs of the professional green maintenance operators, who require high productivity and reliability. The productivity is ensured by the significant cutting width of the machine and by the "Overlap" double helix rotor. The reliability stems from the presence of relevant structural details, such as the inner subframe all round protection, the shock absorber with mechanical springs, the rotation joint mounted on self-lubricating bushings and the height adjustable roller (Ø 6.6" with removable end caps). Particular attention has been paid to the safety during transportation, a double hydraulic lock system prevents unintentional movement or the oscillation of the mower.

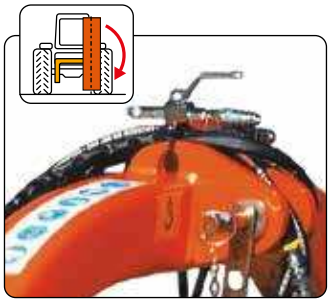
Gearbox unit outside the transmission cover (more-side sliding).



Inner lining for a complete protection of the frame.

Mechanical breakaway with spring assisted device.

Hydraulic block valve for transport with automatic activation (no chains or holders.



Hydraulic block tap for transport with manual activation (no chains or holders).

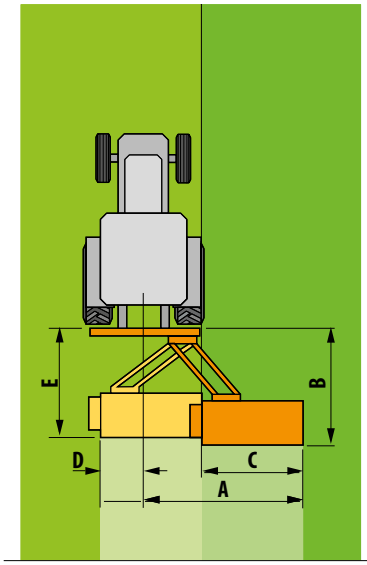
Adjustable side skids.

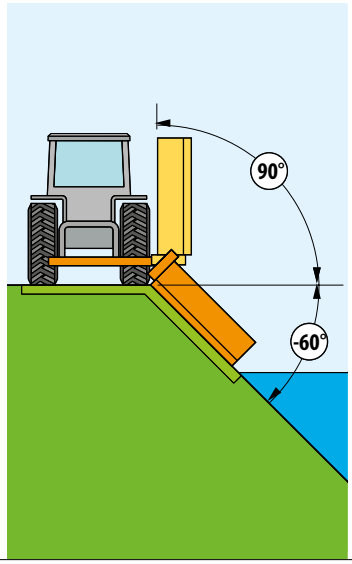
TECHNICAL DATA

Model	ft	min max HP	MIN ft	MIN lb
ZHE 2500	8'2"	100 - 160	7'5"	8.818

Model	rpm	rpm	n	ft/sec	lb
ZHE 2500	540	2.140	5	171	2.992

WORKING POSITIONS





Model	ZHE 2500 ft
A	12'0"
B	8'6"
C	8'2"
D	0'62"
E	7'90"

FLAILS

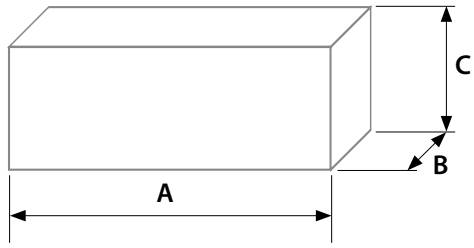
Cod.	Model Interchangeable on the same rotor		ZHE 2500 No.	ZHE 2500 Ø in
0901146	Multi-use blades for: grass, shrubs, bushes, reeds		78	1' 1/2"
0901196	Forged hammer-blades for: wood, grass, twigs		26	2"

Equipped with:

- Universal three point linkage ISO cat. 2.
- Gearbox is fitted outside the transmission cover (more-side sliding and less pto shaft angle).
- Belt transmission (5 belts).
- Hydraulic block valve for transportation with automatic activation (this avoids accidental side movements of the flail head without operator's intervention or the use of chains or holders).
- Hydraulic block tap for transportation with manual activation (this avoids accidental leaning of the mowing body without use of chains or holders).
- Inner lining (sheet metal protection for the whole flail head).
- Mechanical breakaway with spring assisted device.
- "OVERLAP" spiral rotor with two spiral rows reinforced with a 0,4" section for forged hammerblades and multiuse flails.
- 6-rows-rotor reinforced with a 2/5" section for articulated flails.
- Adjustable counterblade (to adjust the size of the debris).
- Rear adjustable roller Ø 6 1/2".
- Floating frame to follow the ground contours.
- Adjustable side skids.
- Rotation joint and parallelogram arms on self lubricating bushing.
- Elastic joint between gearbox and rotor.
- Gearbox overrunning clutch.
- Hydraulic side shift cylinder fitted within the parallel arms for better protection during work.
- Front guard with metal flaps and rear guard with rubber.
- Reinforced Pto shaft.

WEIGHTS & DIMENSIONS

Models	Dimensions in Inches			Flail head	Weight
	A	B	C		Lbs
MT140	63″	31″	39″	–	793
MT160	71″	31″	39″	–	882
MT180	79″	31″	39″	–	1014
MT200	87″	31″	39″	–	1102
MKD2300	102″	47″	59″	–	2195
MKD2500	120″	49″	59″	–	2485
MKD2800	120″	49″	59″	–	2570
ZME125	67″	26″	40″	–	690
ZME155	67″	26″	40″	–	739
ZMGE1400	75″	32″	50″	–	1283
ZMGE1600	83″	29″	51″	–	1283
ZMTE PRO 1600	83″	29″	51″	–	1585
ZMTE PRO 1800	91″	29″	51″	–	1614
ZMTE PRO 2000	98″	29″	51″	–	1666
ZMTE PRO 2300	110″	69″	51″	–	1778
ZLE PRO 1800	91″	69″	47″	–	1830
ZLE PRO 2000	99″	69″	47″	–	1896
ZLE PRO 2300	110″	69″	51″	–	2000
ZHE2500	122″	65″	57″	–	3197

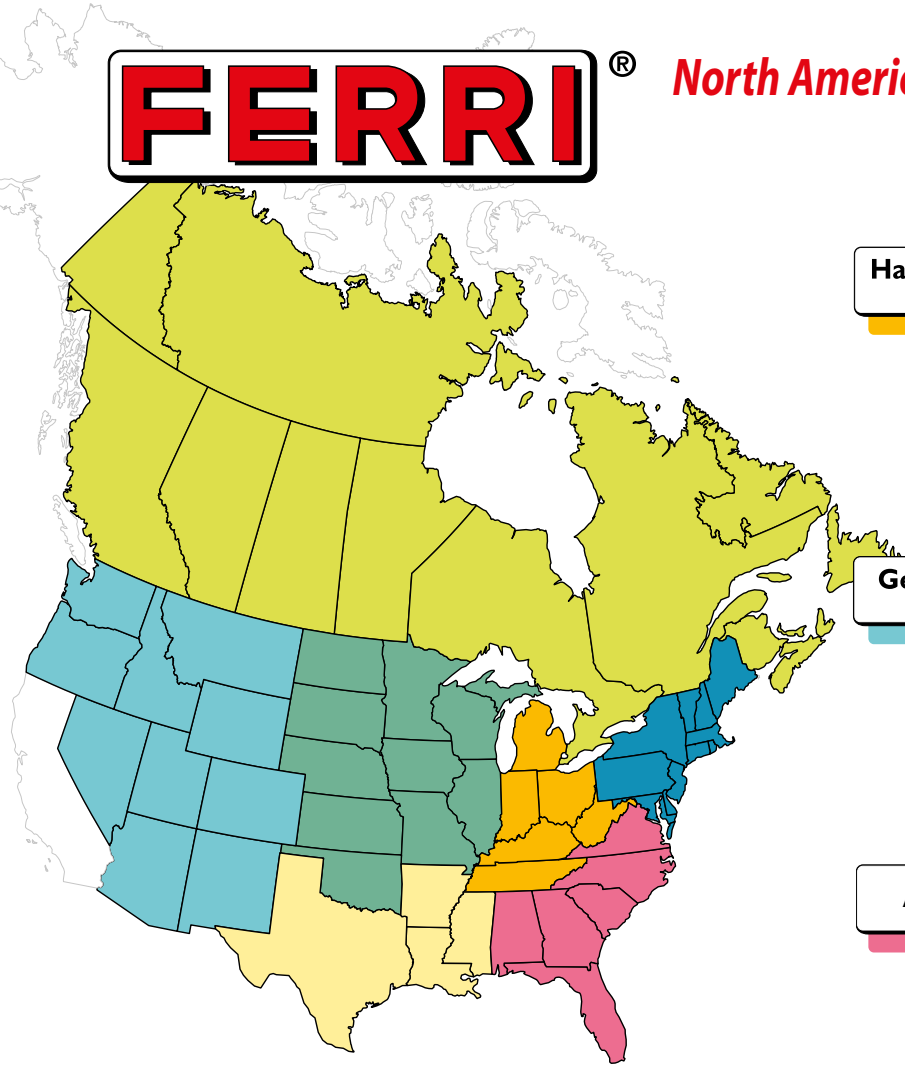


To be noted: wooden boxes can be put one on top of the other, furthermore a wooden box can hold a pallet. A pallet cannot hold any other machine on its top. Every consignment will be carefully analyzed in order to avoid loss of space and to optimize the load.

NOTE

FERRI®

North American Sales Organization



Ohio

Hayward Distributing Company

(Founded in 1976)

4061 Perimeter Drive
Columbus, OH 43228
Phone (614) 873-4620
Fax: (614) 873-8584
Email: agsales@haydist.com
Web Site: www.haydist.com

Utah

General Implement Distributors

(Founded in 1952)

2955 West 2100 South
Salt Lake City, Ut. 84119
Phone (801) 972-4321
Fax: (801) 972-4374
Email: dgull@generalimp.com
Web Site: www.generalimp.com

North Carolina

ACI Distributors

(Founded in 1984)

3220 New Town Blvd
St. Charles, MO 63301

Tennessee East Warehouse
4305 Memorial Hwy
Doyle, Tennessee 38559

Phone: # 800-237-0562
Email: sales@acidist.com
Web Site: www.acidist.com

Massachusetts

J.S.Woodhouse Company, Inc.

(Founded in 1843)

1314 Union Street P.O. Box 1169
West Springfield, MA 01090
Phone (413) 736-5462
FAX: (413) 732-3786
Email: info@jswoodhouse.com
Web Site: www.jswoodhouse.com

Texas

White's Inc.

(Founded in 1920)

4614 Navigation Blvd. Box 2344
Houston, TX 77252-2344
Phone: (713) 928-2632
Fax: (713) 928-5374
Email: wholegoodsales@whitesinc.com
Web Site: www.whitesinc.com

Nebraska

John Day Company

(Founded in 1909)

6263 Abbott Drive
Omaha NE 68110
Phone: (402) 455-8000
Email: agsales@johnday.com
Web Site: www.johnday.com

Ontario

Harco Ag Equipment

(Founded in 1982)

5808 Hwy #9 North
Harriston, Ontario, N0G 1Z0
Phone: (519) 338-2923
Fax: (519) 338-2756
Email: sales@harcoag.ca
Web Site: www.harcoag.ca

MOWERS & OFFSET/IN-LINE SLOPE MOWERS - 102024 - REV0

FERRI®

kiwa certified

EMDA
ASSOCIATE MEMBER
2023

FERRI srl
Via Govoni, 30
44034 Tamara (FE) Italy
Tel. 011 39 0532 866866 - Fax 011 39 0532 866851
info@ferrisrl.it - www.ferrisrl.it

FERRI America

North America Sales and Marketing Manager/FERRI Kent Zimmerman
Cell (402) 677-3424
E-mail: k.zimmerman@ferrisrl.it

FERRI PARTS STOCK

J.S. Woodhouse Co., Inc.
1314 Union Street
P.O. Box 1169
West Springfield, Ma. 01090 U.S.A.
Tel. 413-736-5462
Fax 413-732-3786
E-mail: info@jswoodhouse.com

Halverson HWP Wood Products, Inc.

Industry Favored Leader In Manufacturing Firewood Processors

HWP-100 Firewood Processor

HWP-100

Perfect for residential and farm use, the HWP-100 Firewood Processors truly make the job hassle-free. The lighter weight processor allows you to operate on tractors, excavators, mini skid steers and some mini skid loaders.

Take the processor to the wood, instead of the wood to the processor!

Attach and detach with ease!!

All from the comfort of the cab, one person can easily and efficiently perform wood cutting and splitting tasks. The mobility and efficiency of these Firewood Processors are time savers!

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Halverson HWP Wood Products, Inc.

Industry Favored Leader In Manufacturing Firewood Processors

HWP-100 Firewood Processor

HWP-100 Specifications

SPECS	VALUE
LENGTH	Travel= 80" (203 cm) Working= 100 (254 cm)
WIDTH	41" (104 cm)
HEIGHT	41" (104 cm)
WEIGHT	706 lbs (320 kg)
MATERIAL	3/16" Steel
MINIMUM PRESSURE	2800 (193 bar)
FLOW	10-15 gpm (39 - 57 l/min)
CONNECTIONS	1-Pressure, 1-Return
MAX LOG DIAMETER	14" (37 cm)
MAX LOG LENGTH	10' (3.05 m)
MIN LOG LENGTH	4' (1.22 m)
FIREWOOD CUT LENGTH	Up to 16" (33cm - 38 cm)
SAW BAR	18" (64 cm) Versacut
SAW CHAIN	68 DL 3/8 pitch 0.58
SAW MOTOR	Gear
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	14" (37 cm)
SPLITTER CYLINDER	Custom 3" x 18" Stroke
SPLITTER FORCE	21,195 @ 3000 psi
SPLITTING WEDGE	2-way or 4-way
IN-FEED	Sliding Trough Carries Log to Wedge
MOUNTING	Universal Quick Attach SAE Spec J2513

Made In Northern Minnesota

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWood Products.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-120 Firewood Processor

HWP-120

Perfect for residential and farm use, the HWP-120 Firewood Processors truly makes the job hassle-free. When attached to a skid steer or other machine, it enables one person to easily and efficiently perform wood cutting and splitting tasks. All from the comfort of the cab. Take the processor to the wood, instead of having to bring the wood to the processor. The mobility and efficiency of these Firewood Processors is a time saver!

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205 College St
Pine River, MN 56474

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(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-120 Firewood Processor

SpecificationsHWP-120

SPECS	VALVE
LENGTH	Travel= 99" (251 cm) Working= 121" (307 cm)
WIDTH	55" (140 cm)
HEIGHT	51" (130 cm)
WEIGHT	1280 lbs. (581 kg)
MATERIAL	1/4" Steel
MINIMUM PRESSURE	2850 (196 bar)
FLOW	14-20 gpm (53 - 76 l/min)
CONNECTIONS	1-Pressure, 1-Return 1-Case Drain
MAX LOG DIAMETER	15" (38 cm)
MAX LOG LENGTH	12' (3.66 m)
MIN LOG LENGTH	4' (1.21 m)
FIREWOOD CUT LENGTH	Up to 22" (56 cm)
SAW BAR	25"(64cm) Harvester
SAW CHAIN	78 DL .404 pitch/18HX Series
SAW MOTOR	Bent Axis Piston
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	15" (38 cm)
SPLITTER CYLINDER	Standard 3.5" x 24" Stroke
SPLITTER FORCE	28,850 @ 3000 psi
SPLITTING WEDGE	4-way or 6-way Manually Adjustable
IN-FEED	Sliding Trough Carries Log to Wedge
MOUNTING	Universal Quick Attach SAE Spec J2513

Made in Northern Minnesota

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-140B Firewood Processor

HWP-140B

Perfect for light commercial and residential use, the HWP-140B Firewood Processors truly makes the job hassle-free. When attached to a skid steer or other machine, it enables one person operating it to easily and efficiently perform wood cutting and splitting tasks. All from the comfort of the cab. Take the processor to the wood, instead of having to bring the wood to the processor! The mobility and efficiency of these Firewood Processors is a time saver!

The HWP-140B also comes in a Left Handed model to allow the operator better visibility with certain machines.

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-140B Firewood Processor

Specifications HWP-140B

SPECS	VALUE
LENGTH	Travel= 102" (259 cm) Working= 126" (320 cm)
WIDTH	55" (140 cm)
HEIGHT	51" (130 cm)
WEIGHT	1450 lbs. (658 kg)
MATERIAL	3/8" Steel
MINIMUM PRESSURE	2850 (196 bar)
FLOW	15-20 gpm (57 - 76 l/min)
CONNECTIONS	1-Pressure, 1-Return 1-Case Drain
MAX LOG DIAMETER	18" (46 cm)
MAX LOG LENGTH	12' (3.66 m)
MIN LOG LENGTH	4' (1.21 m)
FIREWOOD CUT LENGTH	Up to 22" (56 cm)
SAW BAR	25"(64cm) Harvester
SAW CHAIN	78 DL .404 pitch/18HX Series
SAW MOTOR	Bent Axis Piston(Industrial)
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	18" (46 cm)
SPLITTER CYLINDER	Custom 3.5" x 24" Stroke
SPLITTER FORCE	28,850 @ 3000 psi
SPLITTING WEDGE	4-way or 6-way Manually Adjustable
IN-FEED	Sliding Trough Carries Log to Wedge
MOUNTING	Universal Quick Attach SAE Spec J2513
MEASURING	Manual Moveable Device

Made in Northern Minnesota

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Halverson HWP Wood Products, Inc.

Industry Favored Leader in Manufacturing Firewood Processors

HWP- 150 Firewood Processor

HWP-150

Perfect for commercial use, the HWP-150 truly makes the job hassle-free. When attached to a skid steer or other machine, it enables one person operating it to easily and efficiently perform wood cutting and splitting tasks. All from the comfort of the cab. Take the processor to the wood, instead of having to bring the wood to the processor! The mobility and efficiency of these Firewood Processors is a time saver!

The HWP-150 also comes in a Left Handed model to allow the operator better visibility with certain machines.

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-150 Firewood Processors

Specifications HWP-150

SPECS	VALUE
LENGTH	Travel= 107" (272 cm) Working= 129" (328 cm)
WIDTH	58" (147 cm)
HEIGHT	57" (145 cm)
WEIGHT	1638 lbs. (743 kg)
MATERIAL	3/8" Steel
MINIMUM PRESSURE	2850 (196 bar)
FLOW	15-20 gpm (57 - 76 l/min)
CONNECTIONS	1-Pressure, 1-Return 1-Case Drain
MAX LOG DIAMETER	22" (56 cm)
MAX LOG LENGTH	12' (3.66 m)
MIN LOG LENGTH	4' (1.21 m)
FIREWOOD CUT LENGTH	Up to 22" (56 cm)
SAW BAR	31" (80cm) Harvester
SAW CHAIN	93 DL .404 pitch/18HX Series
SAW MOTOR	Bent Axis Piston(Industrial)
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	22" (56 cm)
SPLITTER CYLINDER	Custom 4" x 24" Stroke
SPLITTER FORCE	36,138 @ 3000 psi
SPLITTING WEDGE	4-way or 6-way Hydraulically Adjustable
IN-FEED	Sliding Trough Carries Log to Wedge
MOUNTING	Universal Quick Attach SAE Spec J2513
MEASURING	Manual Moveable Device

Made in Northern Minnesota

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-150 Extended Firewood Processor

HWP-150 EXT

Perfect for commercial use, the HWP-150 EXT truly makes the job hassle-free. When attached to a skid steer or other machine, it enables one person operating it to easily and efficiently perform wood cutting and splitting tasks. All from the comfort of the cab. Take the processor to the wood, instead of having to bring the wood to the processor! The mobility and efficiency of these Firewood Processors is a time saver!

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-150 Extended Firewood Processor

Specifications HWP-150 EXT

SPECS	VALUE
LENGTH	Travel= 121" (307 cm) Working= 143" (363 cm)
WIDTH	58" (147 cm)
HEIGHT	57" (145 cm)
WEIGHT	1905 lbs. (864 kg)
MATERIAL	3/8" Steel
MINIMUM PRESSURE	2850 (196 bar)
FLOW	15-20 gpm (57 - 76 l/min)
CONNECTIONS	1-Pressure, 1-Return 1-Case Drain
MAX LOG DIAMETER	22" (56 cm)
MAX LOG LENGTH	12' (3.66 m)
MIN LOG LENGTH	4' (1.21 m)
FIREWOOD CUT LENGTH	Up to 33" (84 cm)
SAW BAR	31" (80cm) Harvester
SAW CHAIN	93 DL .404 pitch/18HX Series
SAW MOTOR	Bent Axis Piston(Industrial)
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	22" (56 cm)
SPLITTER CYLINDER	Custom 4" x 36" Stroke
SPLITTER FORCE	36,138 @ 3000 psi
SPLITTING WEDGE	4-way or 6-way Hydraulically Adjustable
IN-FEED	Sliding Trough Carries Log to Wedge
MOUNTING	Universal Quick Attach SAE Spec J2513
MEASURING	Manual Moveable Device

Made in Northern Minnesota

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-125 Grapple Saw

HWP-125 GS

The HWP-125 Grapple Saw is perfect for: cutting outdoor boiler wood, storm clean up; cutting large diameter logs, and more! When attached to a skid steer or other machine, it allows one person operating to cut wood easily and efficiently from the comfort of the cab.

Harco AG Equipment
5808 HWY 9
Harriston, Ontario N0G1Z0

www.harcoag.ca
(519) 338-2923
sales@harcoag.ca

Industry Favored Leader in Manufacturing Firewood Processors

HWP-125GS Grapple Saw

SpecificationsHWP-125GS

SPECS	VALUES
LENGTH	33" (84 cm)
WIDTH	46" (142 cm)
HEIGHT	41" (104 cm)
WEIGHT	770 lbs. (349 kg)
MATERIAL	3/8" & 5/8" Steel
MINIMUM PRESSURE	2850 (196 bar)
FLOW	15-20 gpm (57 - 76 l/min)
CONNECTIONS	1-Pressure, 1-Return 1-Case Drain
MAX LOG DIAMETER	27" (69 cm)
SAW BAR	31" (80cm) Harvester
SAW CHAIN	93 DL .404 pitch/18HX Series
SAW MOTOR	Bent Axis Piston(Industrial)
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	27" (69cm)
IN-FEED	Grapple
MOUNTING	Universal Quick Attach SAE Spec J2513

Made in Northern Minnesota

Harco AG Equipment
5808 HWY 9
Harriston, Ontario N0G1Z0

www.harcoag.ca
(519) 338-2923
sales@harcoag.ca

HWP-200 Grapple Saw

HWP-200GS

The HWP-200 Grapple Saw is perfect for: cutting outdoor boiler wood, storm clean up; cutting large diameter logs, and more! When attached to a skid steer or other machine, it allows one person operating to cut wood easily and efficiently from the comfort of the cab.

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

HWP-200 Grapple Saw

Specifications HWP-200GS

SPECS	VALUES
OPENING	37.5" (95.25 cm)
LENGTH	48" (122 cm)
WIDTH	33" (84 cm)
HEIGHT	42" (107 cm)
WEIGHT	885 lbs. (401 kg)
MATERIAL	3/8" & 5/8" Steel
MINIMUM PRESSURE	2850 (196 bar)
FLOW	15-20 gpm (57 - 76 l/min)
CONNECTIONS	1-Pressure, 1-Return 1-Case Drain
MAX LOG DIAMETER	27" (69 cm)
SAW BAR	31" (80cm) Harvester
SAW CHAIN	93 DL .404 pitch/18HX Series
SAW MOTOR	Bent Axis Piston(Industrial)
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	27" (69cm)
IN-FEED	Grapple
MOUNTING	Universal Quick Attach SAE Spec J2513

Made in Northern Minnesota

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Pine River, MN 56474

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(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

Hydraulic Power Unit (HPU)

HWP-HPU

The HWP-HPU was designed with Halverson Wood Products' hydraulically driven attachments in mind. This industrial built auxiliary hydraulic unit allows you to add hydraulic horsepower to tractors that do not have enough of their own. This will expand the versatility and value of your tractor.

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205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

Hydraulic Power Unit (HPU)

Specifications HWP-HPU

SPECS	VALUE
Fluid Capacity	25 US Gallon
Dimensions	34.25" x 30.25" x 20"
Pump Flow Rate	21.2 GPM
Pump Max	2,500 PSI
Pump PTO Speed	540 RPM
Hydraulic Cooler	50 GPM
Pressure Relief Valve	2,400 PSI
Hydraulic Cooler Fan & Wiring	12 Volt
Thermostat	Max 185°F (85°C)
3-Point Hitch Catergories	0, 1, & 2
3/4" Connectors	
Filter Assembly & Filter	
Adjustable Legs	

Made in Northern Minnesota

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Industry Favored Leader in Manufacturing Firewood Processors

HWP-100TR-D

HWP-100 TR-Duromax

Perfect for residential and farm use the HWP-100TR-D Firewood Processor truly makes the job hassle-free. Hook up to a 2 inch ball and take the processor to the wood instead of the wood to the processor. The mobility and efficiency of the Firewood Processor is a true time saver!

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Halverson HWP Wood Products, Inc.

HWP-100TR-D

Specifications HWP-100 TR-D

SPECS	VALUE
LENGTH	Travel= 126" (320 cm) Working= 96" (244 cm)
WIDTH	68" (172 cm)
HEIGHT	64" (162.5 cm)
WEIGHT	1260Lbs. lbs (572 kg)
MATERIAL	3/16" Steel
MAX LOG DIAMETER	14" (37 cm)
MAX LOG LENGTH	8' (2.44 m)
MIN LOG LENGTH	4' (1.22 m)
FIREWOOD CUT LENGTH	Up to 16" (33cm - 38 cm)
SAW BAR	18" (64 cm) Versacut
SAW CHAIN	68 DL 3/8 pitch 0.58
SAW MOTOR	Gear
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	14" (37 cm)
SPLITTER CYLINDER	Custom 3.5" x 18" Stroke
SPLITTER FORCE	21,195 @ 2600 psi
SPLITTING WEDGE	2-way or 4-way
IN-FEED	Sliding Trough Carries Log to Wedge
TIRE SIZE	4.8-12
MOUNTING	2" Ball
MOTOR	DuroMax 420CC
FUEL CAPACITY (GAS)	1.75 Gal
OIL CAPACITY	37.2 FL OZ
RPM	3600
PUMP	High Low
GPM	16

Made in Northern Minnesota

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

HWP-100TR-H

HWP-100TR-Honda

Perfect for residential and farm use the HWP-100TR-H Firewood Processor truly makes the job hassle-free. Hook up to a 2 inch ball and take the processor to the wood instead of the wood to the processor. The mobility and efficiency of the Firewood Processor is a true time saver!

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

HWP-100TR-H

Specificatons HWP-100TR-H

SPECS	VALUE
LENGTH	Travel= 126" (320cm) Working= 96" (244 cm)
WIDTH	68" (172 cm)
HEIGHT	64" (162.5 cm)
WEIGHT	1405 Lbs. lbs (637 kg)
MATERIAL	3/16" Steel
MAX LOG DIAMETER	14" (37 cm)
MAX LOG LENGTH	8' (2.44 m)
MIN LOG LENGTH	4' (1.22 m)
FIREWOOD CUT LENGTH	Up to 16" (33cm - 38 cm)
SAW BAR	18" (64 cm) Versacut
SAW CHAIN	68 DL 3/8 pitch 0.58
SAW MOTOR	Gear
SAW OILER	Automatic 2 Qt (1.89 l) Tank
MAX SAW CUT	14" (37 cm)
SPLITTER CYLINDER	Custom 3.5" x 18" Stroke
SPLITTER FORCE	21,195 @ 2600 psi
SPLITTING WEDGE	2-way or 4-way
IN-FEED	Sliding Trough Carries Log to Wedge
TIRE SIZE	4.8-12
MOUNTING	2" Ball
MOTOR	GX630 Honda 20.8 hp 1" Keyed Shaft
FUEL CAPACITY (GAS)	1.5 Gal
OIL CAPACITY	15 Gal
RPM	3600
PUMP	Honor Gear Pump
GPM	16
HYDRAULIC FILTER	Spin On

Made in Northern Minnesota

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Bale Buddy 2000

The Bale Buddy 2000 was designed to allow hay to be baled while there is up to 60% moisture in the hay. When the weather is uncooperative, this will save time waiting for the hay to dry and product with less hay spoilage.

Bale Buddy 2000 Specs

SPECS	VALUE
LENGTH	72" (183cm)
WIDTH	40" (102cm) BASE
	104" (264cm) TOP
HEIGHT	90" (229cm)
WEIGHT	853 lbs. (382 kg)
BALE SIZE	4x5 or 5x6
CONNECTIONS	14 Pin
WRAP	Standard Film Wrap
HYDRAULICS	Auxillary Hydraulics

Made in Northern Minnesota

HARCO Ag EQUIPMENT
5808 Hwy #9
Harriston, On., N0G 1Z0
519-338-2923, sales@harcoag.ca

Halverson Wood Products, Inc.
205 College St
Pine River, MN 56474

www.HalversonWoodProducts.com
(218) 587-2065
sales@halversonwp.com

Rock Removal Equipment
Product Catalogue

Highline

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NT 78 Rock Picker Pick More, Move More.

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NT 60 Rock Picker For the Mid-sized Operation.

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RR 4300 Rock Rake The Perfect Partner to the NT Rock Picker.

OUR MISSION

Our mission is to design, manufacture and distribute the highest quality, most durable and reliable farm equipment in the world, which is affordable and meets or exceeds the expectations of our most demanding customers.

Highline Manufacturing is a division of Bourgault Industries Ltd. and as such shares a common standard of "pursuing perfection" in their business approach. Highline's shared approach is to develop relevant products of the highest quality that exceed the expectations of our most discerning customers.

NT 78/60 ROCK PICKER

THE NT ROCK PICKER

just hook up and GO!

Spring Adjustment/Replacement

Exclusive to the industry, the Highline® coil spring provides uniform loading over the reel operating range combined with the most compact mounting. This ensures that the spring mechanism is protected from rock damage, resulting in years of service. Replacing the springs just got easier with a simple threaded bolt to apply or remove tension to the spring.

The Highline® Tine

The Highline® rock picker tine is designed to follow the reel; this aids in raising rocks while allowing dirt to fall through. As well, the tines are extremely durable as they are hard surfaced on both the top and bottom leading edges.

Drive System

Highline® uses an industry exclusive gearbox that stands the test of time. The hydraulically driven gear case ensures large oil bathed gears set the reel at the desired speed. The hydraulic drive provides the flexibility to turn on, turn off, and reverse the reel from your fingertips.

Why the Highline® Rock Picker is Better?

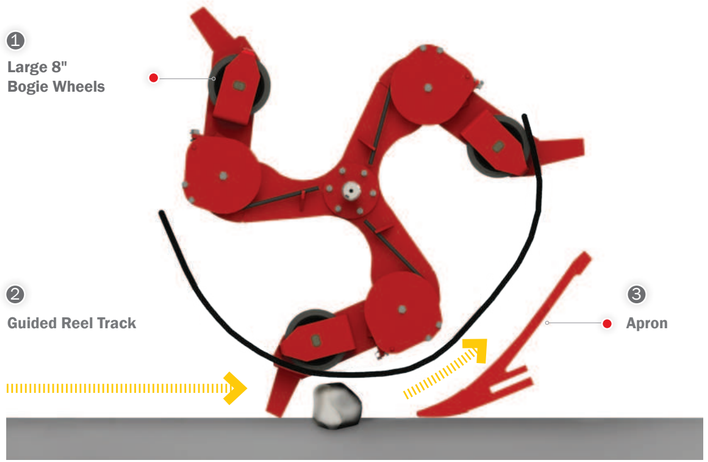
The Secret is in the Guided Reel:

It is as simple as 1, 2, 3!

1. The bogie wheels follow a special track to guide the reel for improved picking action. When the guided reel travels parallel to the ground surface, it pulls the rocks toward the apron rather than pushing down on the rocks.
2. The guided reel lifts the rocks onto the apron.
3. The guided reel delivers the rocks to the center of the bucket and because the reel is guided it follows the same contour as the apron.

Conventional Picker

Conventional round reels have only a few inches of positive picking action. When the round reel contacts a rock on the downward cycle, rather than sweep the rock towards the apron, it pushes down on the rock. 8" and smaller rocks are often missed because the round reel buries the rock.



Two Position Hitch

The Highline® hitch design moves the rock picker fully into view of the operator and the entire picking width is outside the tractor tracks. The hitch also advances the rock picker to a new level of transport convenience with a self-locking hitch. The self-locking design doesn't require any pins or wedges; when you get to the field, the transport lock is required to be opened manually, returning to transport position engages the lock.

Durable Box Frame Construction

Highline® is the only rock picker with a box frame construction. The front frame is built high to let rocks in, yet ensure the structure is strong enough to withstand the most difficult rocks that are removed from the field.

High-Lift Design

The High-Lift minimizes wasted space from low flat rock piles by allowing higher more compact piles, or rocks can be transferred directly to a trailer for removal. For fast and convenient rock removal, Highline® rock pickers (NT 78 and NT 60) have a standard dumping height of 84".

NT 78/60 SPECIFICATIONS

	NT 78	NT 60
Width (Picking)	78” (1.98 m)	60” (1.52 m)
Transport Width with tires (machine centered with tractor)	144” (3.67 m)	121 ¾” (3.09 m)
Working Width: To center of tractor (machine is offset to right of tractor)		
Position 1 - Dual Tractor Tires	186 ½” (4.74 m)	165” (4.19 m)
Position 2 - Single Tractor Tires	167 ½” (4.25 m)	147 ¼” (3.74 m)
Transport Length	242” (6.15 m)	245 ¼” (6.23 m)
Operating Length		
Position 1 - Dual Tractor Tires	228” (5.79 m)	228” (5.79 m)
Position 2 - Single Tractor Tires	238” (6.05 m)	238” (6.05 m)
Height	71 ¼” (1.81 m)	71 ¼” (1.81 m)
Dumping Height	84” (2.13 m)	84” (2.13 m)
Weight	7850 lb (3533 kg)	6910 lb (3110 kg)
Tongue Weight	940 lb (423 kg)	820 lb (369 kg)
Bucket Capacity	3.35 yd3 (2.56 m3)	2.57 yd3 (1.97 m3)
Tire Size	21.5L-16.1	16.5L-16.1
Tire Pressure	24 psi (166 kPa)	24 psi (166 kPa)
Minimum Horsepower	90 hp (67 kW)	70 hp (52 kW)
Maximum Horsepower	150 hp (112 kW)	135 hp (101 kW)
Hydraulic Hitch	Yes	Yes
Hydraulic Drive	Yes	Yes

	NT 78	NT 60
Picking Style	Reel	Reel
Number of Bats	3	3
Minimum Rock Diameter	2” (51 mm)	2” (51 mm)
Maximum Rock Diameter	24” (.61 m)	24” (.61 m)
Lift Cylinder	3.5” x 34” (89 mm x 864 mm)	3.5” x 34” (89 mm x 864 mm)
Recommended Reel Speed	@2 mph (3 km) - 23 rpm @4 mph (6 km) - 47 rpm	@2 mph (3 km) - 23 rpm @4 mph (6 km) - 47 rpm
Hydraulic Outlets Required	3	3
Hydraulic Pressure	2500 psi (17238 kPa)	2500 psi (17238 kPa)
Flow Required	18 gpm (68 l/min)	18 gpm (68 l/min)
Frame Rectangular Tubing	6” x 4” x ¼” (152 mm x 102 mm x 6 mm)	
Replaceable Tines	Yes	Yes
Hard Surfacing	Reel Arm Teeth & Apron Tines (Standard)	
Bucket Bottom is Grated	Yes	Yes
Bucket Back is Grated	Yes	Yes
Clearance Lights	Yes	Yes

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

For the latest product information, please visit: www.highlinemfg.com.

RR 4300 ROCK RAKE

THE RR 4300 ROCK RAKE

clears rocks - SIMPLY!

The RR 4300 rock rake is the perfect partner to the NT 60 and NT 78 rock picker! The RR 4300 rock rake makes fast work of moving rocks into a narrow row that can then be picked with the NT 60 or NT 78 rock picker. The stand-alone rock rake can keep moving while the rock picker is stopped to unload, resulting in more rock removed from a larger area in less time.

The Rotor - the Heart of the Rock Rake

The RR4300 rock rake has an adjustable raking angle of 10 degrees to 30 degrees with up and down positioning for efficiency and convenience. The teeth of the rock rake have a hard surfaced face as well as being designed to be reversible and replaceable.

Transport and Work Mode

Hydraulically switch between transport and work mode with ease!

Transport

Work

RR 4300 SPECIFICATIONS

Raking Width (at 20 degrees working position)	160” (4.07 m)
Rotor Length	171” (4.34 m)
Rake Angle	10 degrees minimum
	30 degrees maximum
Max. Rotor rpm	154
Transport Width	97” (2.48 m)
Working Width - 20 degrees	160” (4.06 m)
Transport Length	239” (6.07 m)
Operating Length - 20 degrees	252” (6.42 m)
Height	72” (1.84 m)
Weight	3990 lb (1810 kg)
Tongue Weight	Transport - 1256 lb (570 kg) Working - 1036 lb (470 kg)
Tire Size	11L - 15F

Tire Pressure (max.)	60 psi (413.7 kPa)
Hydraulic Drive	Yes
Minimum Horsepower	65 hp (49 kW)
Maximum Horsepower	75 hp (56 kW)
Hydraulic Outlets Required	3
Hydraulic Pressure (max. relieved)	3000 psi (20,684 kPa)
Hydraulic Flow Required	20 gpm (76 l/min)
Hydraulic Hitch	Yes
Hydraulic Drive	Yes
Raking Style	Rotor
Number of Replaceable Teeth	100
Replaceable and Reversible Teeth	Yes
Hard Surfacing	Rotor Teeth

Note: Right/left hand is determined by sitting in the tractor seat looking forward

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Highline

YOUR LOCAL PROFESSIONAL HIGHLINE DEALER:

Printed in Canada - 09.22

Highway #27, PO Box 307
Vonda, SK, Canada S0K 4N0

www.highlinemfg.com

Bale Handling Equipment
Product Catalogue

Highline

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OUR MISSION

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On or Off the Strings

It’s Your Choice.

24 Bales - 3’ x 3’
On or Off Strings

18 Bales - 3’ x 4’
On Strings

16 Bales - 3’ x 4’
Off Strings

12 Bales - 4’ x 4’
On or Off Strings

FASTACK™ 1800

The number of bales that can be stacked is determined by the size of bale and the orientation of the bale. The FaStack™ can stack the bales “On Strings”(strings down) or “Off Strings”(strings on the side).

Flexibility in Stacking

With the FaStack™ 1200.

12 Bales - 3’ x 3’
On or Off Strings

12 Bales - 3’ x 4’
On Strings

* Tie Stacking is illustrated above.

8 Bales - 3’ x 4’
Off Strings

8 Bales - 4’ x 4’
On or Off Strings

FASTACK™ 1200

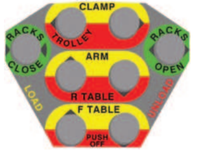
FaStack™ indicates the ability to stack bales from the end of the stack with a rotating table, giving the user more flexibility as to where the bales can be stacked, whether it be in the field or in a shed.

MORE BALES per load

When every second counts, clear the field quickly. The Highline® FaStack™ allows you to do more, faster. With more bales per load than the competition, one operator can effectively retrieve bales from the field and stack them efficiently, making fewer trips, minimizing your costs, and maximizing your productivity.

FASTACK™ 1800 Bale Turn Technology

With the Highline® FaStack™ you have the choice of stacking ‘on’ or ‘off’ strings, all from a hand-held remote with no manual adjustments of the machine. With the flip of a switch, you decide how the bales will stack.

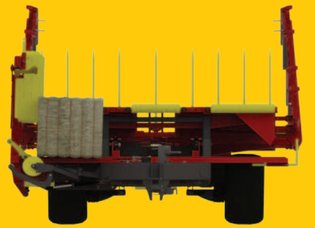


IMPROVED CONTROLS

Taking control of the FaStack™ is easily done. The touch screen and remote control puts all of the unit’s controls in one hand, allowing you to easily drive the tractor and operate the FaStack™ at the same time.

OFF STRING

ON STRING



HI-Flotation Tires

The FaStack™ is equipped with hi-flotation tires allowing for smooth travel over deep ruts and uneven terrain.

One and Done

One tip is all it takes to unload. The load is gently and securely lifted to unload the stack.

Side Rails

Side rails secure the bales to keep them in place.

Bumper

The bumper cushions the impact of the bale to help maintain machine life and keep the integrity of the bale intact.

Clamp

The patented clamp arm grabs and lifts the bales up off the ground preventing scrubbing.

Flipper

Allows flexibility in your stacking, giving you the option to stack on or off the strings, depending on your needs.

Bale Assist

For supporting the bale during lift for a gentle transition from the ground to the table. Minimize stress on the bale during loading.

FS 1800 SPECIFICATIONS

Bale Capacity		
3' x 3' (Max. Weight - 1000 lb/454 kg)		24
3' x 4' On String (Max. Weight - 1400 lb/635 kg)		18
3' x 4' Off String (Max. Weight - 1100 lb/499 kg)		16
4' x 4' (Max. Weight - 1400 lb/635 kg)		12
Maximum Length of Bales		8' (2.44 m)
Length - Deck Lowered		31' 11" (9.73 m)
Length - Deck Raised		35' 1" (10.69 m)
Transport Height (Max)		10' 9" (3.27 m)
Height - Bed Tilted		17' 9" (5.40 m)
Transport Width - With Side Racks		13' 7" (4.14 m)
Transport Width - Without Side Racks		N/A
Width - Arm Lowered (Clamp Closed)		
With Side Racks		18' 8" (5.69 m)
Without Side Racks		N/A
Unloaded Weight		16796 lb (7625 kg)
Hitch Weight Empty		3360 lb (1525 kg)
Hitch Weight - Loaded	**Cat 3**	**Cat 4**
3' x 3'	N/A	7410 lb (3361 kg)
3' x 4' On String	N/A	7300 lb (3311 kg)
3' x 4' Off String	N/A	7340 lb (3329 kg)
4' x 4'	N/A	7150 lb (3243 kg)

The FaStack™ 1800 uses a convenient in cab 12V 15 amp control.

GVW	41996 lb (19066 kg)
Maximum Load Capacity	25200 lb (11441 kg)
Minimum HP	150 hp (112 kW)
Recommended HP	180 hp (134 kW)
Hydraulic Outlets Required	1
Recommended Hyd. Flow	25 GPM @ 3000 psi
	(95 lpm @ 207 Bar)
Controls	Electric over Hydraulic Hand Held
	Joystick with Touch Screen
Spindles	4 x 16000 lb (7264 kg)
	4 spindles, 4" (900 mm) Diameter
Hubs	10 Bolt type
Tires	Four 550 x 45 x 22.5 Flotation
Side Rails	Standard
Tractor Hydraulic System	Open or Closed Center
Picking Orientation	Same Direction as Baling
Minimum Shed Rafter Height	N/A

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change. For the latest product information, please visit: www.highlinemfg.com.

FS 1200 FASTACK

STACKING MADE simple

The FaStack™ 1200 comes equipped with a tandem walking beam axle with high flotation tires and an easy to use joystick and touch screen monitor. The rotating front table (on/off) allows the ability to tie stack. For added security, side rails keep the bales in place for fast stacking.

Two different stacking configurations!

Side stacking with the front table turned off (with the side rack option) gives you faster unloading.

End stacking with the front table turned on gives you a tighter stack.

FS 1200 Advantage

FS 1200 SPECIFICATIONS

Bale Capacity - Cat 3		
3' x 3' (Max. Weight - 1000 lb/454 kg)		12
3' x 4' On String (Max. Weight - 1000 lb/454 kg)		12
3' x 4' Off String (Max. Weight - 1200 lb/544 kg)		8
4' x 4' (Max. Weight - 1200 lb/544 kg)		8
Bale Capacity - Cat 4		
3' x 3' (Max. Weight - 1600 lb/726 kg)		12
3' x 4' On String (Max. Weight - 1600 lb/726 kg)		12
3' x 4' Off String (Max. Weight - 1800 lb/816 kg)		8
4' x 4' (Max. Weight - 1800 lb/816 kg)		8
Maximum Length of Bales		8' (2.44 m)
Length - Deck Lowered		34' 1" (10.38 m)
Length - Deck Raised		38' (11.60 m)
Transport Height (Max)		10' 12" (3.34 m)
Height - Bed Tilted		19' 5" (5.92 m)
Transport Width - With Side Racks		10' 7" (3.21 m)
Transport Width - Without Side Racks		9' 11" (3.02 m)
Width - Arm Lowered (Clamp Closed)		
With Side Racks		15' 8" (4.76 m)
Without Side Racks		14' (4.57 m)
Unloaded Weight		15156 lb (6881 kg)
Hitch Weight Empty		3651 lb (1658 kg)
Hitch Weight - Loaded	**Cat 3 (Tractor Hitch)**	**Cat 4 (Tractor Hitch)**
3' x 3'	5840 lb (2649 kg)	7360 lb (3338 kg)
3' x 4' On String	5840 lb (2649 kg)	7360 lb (3338 kg)
3' x 4' Off String	5940 lb (2694 kg)	7250 lb (3289 kg)
4' x 4'	5940 lb (2694 kg)	7250 lb (3289 kg)

GVW	34356 lb (15598 kg)
Maximum Load Capacity	19200 lb (8717 kg)
Minimum HP	150 hp (112 kW)
Recommended HP	180 hp (134 kW)
Hydraulic Outlets Required	1
Recommended Hyd. Flow	25 GPM @ 3000 psi
	(95 lpm @ 207 Bar)
Controls	Electric over Hydraulic Hand-Held
	Joystick with Touch Screen
Spindles	4 x 16000 lb (7264 kg)
	4 spindles, 4" (900 mm) Diameter
Hubs	10 Bolt type
Tires	Four 550 x 45 x 22.5 Flotation
Side Rails	Optional
Tractor Hydraulic System	Open or Closed Center
Picking Orientation	Same Direction as Baling
Minimum Shed Rafter Height	23' (7.01 m)

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change. For the latest product information, please visit: www.highlinemfg.com.

Highline

PICK FROM both sides

Highline® makes picking bales a breeze. Unloading can be done without ever leaving the cab and with Highline's ingenuity built into every bale mover, you can expect faster bale hauling with only one tractor and operator.

Highline® offers non-stop picking and transporting with only one tractor and operator!

All Bale Mover Models have a standard ¼ turn bale fork to automatically turn bales for non-stop loading from virtually any angle.

Chain Rails Polished chain rails are easily adjusted to match different bale sizes. Chain rails are sloped and factory ground to conform to the curvature of round bales, eliminating the need for cleats and reducing broken twines.

A hydraulic motor controls the chains and eliminates gearboxes, bearings and shafts. (Either row of chains can be operated independently on the Bale Mover 1400 allowing you to fill one side before filling the other or fill randomly and out of sequence on either side.)

ADDITIONAL FEATURES

- In-cab electric over hydraulic controls give full hydraulic control with only two hydraulic outlets on your tractor
- Undercarriage that walks both side to side and front to back
- As the quarter turn lift arm begins to lift the bale, the forward motion slides the bale precisely into position for accurate placement on main bed.
- Load soft or wet bales with ease.
- Bale rows are designed to give the operator good visibility behind the bale mover. Transport lights and a transport safety chain are standard.

From the cab of the tractor, the deck is lifted hydraulically. The tail of the bale mover is designed to skid over the ground during the unloading process which helps facilitate the bale chains transfer of the bales onto the ground.

Fiber wound bushings on chrome shafts.

Unload Without Ever Leaving The Tractor

Back up the Highline® Bale Mover where you want the bales, tilt the bed, engage the conveyor chains and drive slowly forward. Bales are stored in a long, straight row to minimize weathering damage.

BM 1400 SPECIFICATIONS

Configuration	Double Row
Horsepower Required	100 hp (75 kW)
Hydraulic Outlets Required	2
Recommended Hyd. Flow	15 GPM @ 3000 psi
	60 lpm @ 207 Bar
Bale Capacity	16 x 4' (1.22 m), 14 x 5' (1.52 m)
Tongue Weight (Unloaded)	1740 lb (790 kg)
Tongue Weight (Loaded)	3423 lb (1554 kg)*
Shipping Weight (Unloaded)	9660 lb (4386 kg)
GVW	38000 lb (17252 kg)
Tires	Eight 11L-15 12 ply

Bed Length	37' (11.28 m)
Overall Length	43' 9" (13.34 m)
Transport Width	16' 8" (5.08 m)
Width Unloaded	15' 2" (4.61 m)
Transport Height (Max)	12' 3" (3.74 m)
Frame Rails	8" x 3" x ¼ w
Load Arm	6"x 6" (152 mm x 152 mm)
Cylinders Bale Lift	3½" x 13" (89 mm x 330 mm)
Cylinders Bed Lift	3½" x 16" (89 mm x 406 mm)
Bale Chain	2062 H
Lights & Safety Chain	Standard
Full Load Indicator	Standard

* *If there are no bales behind the rear axle of the bale mover, the partially loaded hitch weight can exceed the fully loaded hitch weight even though the overall total is less than fully loaded.*

All weights and transport dimensions are estimates and are subject to change.

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change. For the latest product information, please visit: www.highlinemfg.com.

BM 605/607 BALE MOVER

BALE MOVING
made easy

Highline's BM 605 and BM 607 features benefits such as narrow transport and the Auto Bale Shuttle to shift your bales while loading. These features help make bale moving fast and easy, saving you time and money.

Auto Shuttle Feature Adds Convenience & Efficiency

Auto Shuttle is a design feature that allows the operator to automatically shift the last loaded bale back exactly one position so you can load the next bale without shuttling the load manually. As you lower the loading arm, the flow of hydraulics are moving the chains back to allow room to load the next bale. This is conveniently done in one easy step.

BM 605/607 SPECIFICATIONS

MODEL	BM 605	BM 607
Configuration	Single Row	Single Row
Horsepower Required	80 hp (60 kW)	90 hp (67 kW)
Hydraulic Outlets Required	2	2
Recommended Hyd. Flow	15 GPM @ 3000 psi	15 GPM @ 3000 psi
	60 lpm @ 207 Bar	60 lpm @ 207 Bar
Bale Capacity	6 x 4' (1.22 m), 5 x 5' (1.52 m)	8 x 4' (1.22 m), 7 x 5' (1.52 m)
Tongue Weight (Unloaded)	1372 lb (623 kg)	13750lb (613 kg)
Tongue Weight (Loaded)	2255 lb (1024 kg)*	2283 lb (1036 kg)*
Shipping Weight (Unloaded)	5272 lb (2393 kg)	5826 lb (2645 kg)
Tires	Four 280-70R15 12 ply	Four 280-70R15 12 Ply
GVW	15840 lb (7191 kg)	15840 lb (7191 kg)
Bed Length	26' 9" (8.15 m)	37' 4" (11.39 m)
Overall Length	33' 5" (10.19 m)	44' 1" (13.44 m)
Transport Width	8' 4" (2.55 m)	8' 4" (2.55 m)
Transport Width - With Axle Extension	9' (2.74 m)	9' (2.74 m)
Width Unloaded	8' 4" (2.55 m)	8' 4" (2.55 m)
Transport Height (Max)	13' 2" (4.01 m)	13' 2" (4.01 m)
Bed Height	3' 5" (1.04 m)	3' 5" (1.04 m)
Frame Rails	8" x 3" x ¼" w (203 mm x 76 mm x 6 mm)	8" x 3" x ¼" w (203 mm x 76 mm x 6
Load Arm	6" x 6" (152 mm x 152 mm)	6" x 6" (152 mm x 152 mm)
Cylinders Bale Lift	5" x 14" (127 mm x 356 mm)	5" x 14" (127 mm x 356 mm)
Cylinders Bed Lift	3" x 10" (76 mm x 254 mm)	3" x 10" (76 mm x 254 mm)
Bale Chain	2062 H	2062 H
Lights & Safety Chain	Standard	Standard
Full Load Indicator	Standard	Standard

Each model uses a convenient in cab 12V 15 amp control.

If there are no bales behind the rear axle of the bale mover, the partially loaded hitch weight can exceed the fully loaded hitch weight even though the overall total is less than fully loaded.

All weights and transport dimensions are estimates and are subject to change.

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change. For the latest product information, please visit: www.highlinemfg.com.

Highline

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Printed in Canada - 06.23

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Livestock Feeding Equipment

Product Catalogue

Highline

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AMX 520T Perfect for the smaller to mid-size farm!

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AMX 690T Low profile loading height.

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AMX 850T Simple. Reliable. Cost Effective.

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BP 965 Bale Pro® Process Square or Round Bales - Adds Flexibility When Using Multiple Bale Types.

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The Bale Pro® modular system The Bale Pro®, Feed Chopper™ and Grain Tank.

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AMX 1000S Allows one operator to perform all cattle feeding with a single machine.

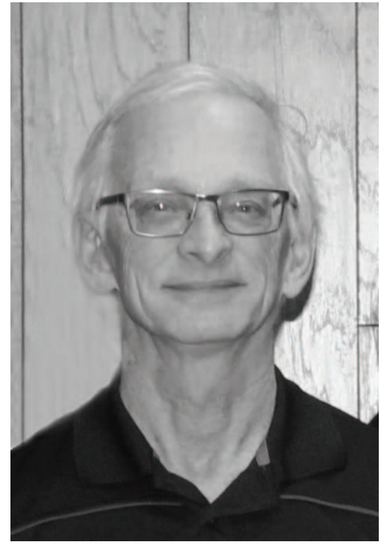
OUR MISSION

Our mission is to design, manufacture and distribute the highest quality, most durable and reliable farm equipment in the world, which is affordable and meets or exceeds the expectations of our most demanding customers.

Highline Manufacturing is a division of Bourgault Industries Ltd. and as such shares a common standard of "pursuing perfection" in their business approach. Highline's shared approach is to develop relevant products of the highest quality that exceed the expectations of our most discerning customers.

PRECISION feeding

Much of the dialogue within the animal production community is about efficiency in utilization of resources and conversations on how consumers will buy product in the future. Both are future oriented but efficiency has an immediate effect and can be implemented with known methodology and existing technology. The beef industry is by nature an activity conducted on the fringe of agricultural inputs. Historically marginal grasslands were the main areas for animal production as they were largely available, and mixed farming was growing. Beef cows can successfully consume medium and low quality forages which are lower in cost than other available ingredients. However, changes in technology and specialization began to favour crop production due to yield increases. Over decades of time costs for crop inputs rose the equation became favourable again to beef production on marginal lands and is now strongly showing that producers who are committed to learning the Best Farming Practices for Beef will gain record returns for beef this year. Those who are rebuilding their herds may wait until next year but some are paying high prices for breeding stock already in anticipation of consumer demand staying strong and national herd numbers remaining tight at historically low numbers of cows not seen since the sixties. The emphasis at the farm level is to look at incorporating technology to improve the bottom line. Highline™ is positioned well to assist farmers with various levels of technology in feeding and mixing. Bale Pro's equipped with a chopper can improve utilization of medium and low quality forages thereby letting the forage supply give more feeding days by reducing waste. Mixers can blend forages to achieve more accurate formulations and expand the range of formulations to achieve strategic feeding plans. Highline™ is set with information and an expanded product line to meet the challenges at the farm gate for dairy and beef producers. We look forward to working with dealers and farmers to increase efficiency and improve farmers' profitability wherever possible.



CORPORATE RUMINANT NUTRITIONIST

John Maltman, M.Sc., P.Ag.

For further details on Precision Feeding visit: www.highlinemfg.com

BALE PRO®

models

4 MODELS - each with unique advantages.

The Bale Pro® series from Highline® allows you to efficiently process round and square bales (model dependent). With 4 options to choose from there's one that is the best fit for your cattle operation. The Bale Pro® modular system allows you to expand your machine as your operation evolves.

Dual Feed Roller Processor
Requires Minimal Maintenance

BP 660 Bale Pro®

PAGE 10

Chain & Slat Processor
Offers Ease of Use

BP 661 Bale Pro®

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Delivers Effective Bedding and Coverage
Solutions for Agriculture and Construction

BP 663 TOP GUN®

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Process Square or Round Bales - Adds Flexibility
When Using Multiple Bale Types

BP 965 Bale Pro®

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PROCESS this way

The BP 660 Bale Pro® is a great option for cattle operations looking for a durable, well-engineered bale processor. The BP 660 Bale Pro® has a dual feed roller processing chamber with a centrally driven flail drum. Expand your BP 660 by adding a Feed Chopper™ and Grain Tank (See page 36 for additional information on the Bale Pro® modular system).

PRECISION feeding

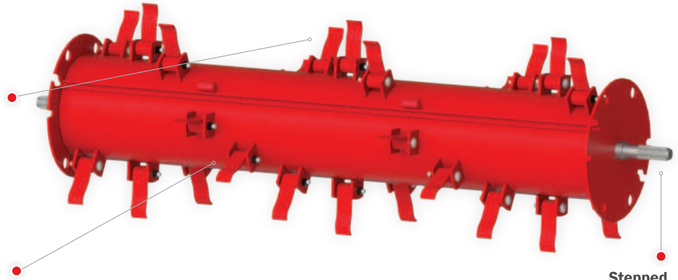
The **Dual Feed Roller Processing Chamber** of the **BP 660 Bale Pro®**

Dual feed roller processing chamber also on the BP 663 TOP GUN® and BP 965 Bale Pro®.

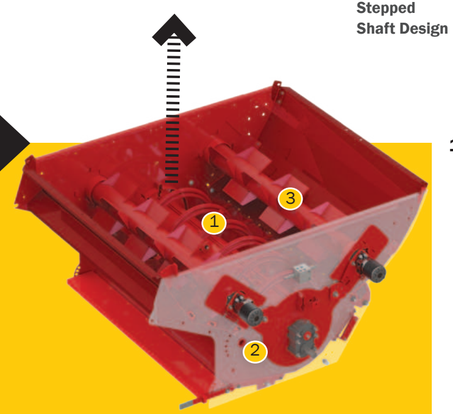
The Highline® flails efficiently "bite" into the bale for uniform feed processing. The flails are optimally sized to grab the bale.

The stepped shaft design is machined from a single length of material vastly improving strength and durability of the drum.

The flails are designed in a spiral formation. This spiral formation ensures that the bale is continuously pulled and processed resulting in consistent feed. Also, the flail drum is digitally balanced for smooth performance and long bearing life.



Stepped Shaft Design



1 Guard Rods

The bale sits partially on the guard rods. The flails protrude through the guard rods grabbing the bale and pulling it through. The guard rods are shaped to provide a very uniform rate of processing.

Additional guard rods can easily be added for more bale control while processing.

2 Adjustable Aggression

Bales can be processed more or less aggressively depending on your needs. Processing can be set in a range of 1-5, with 1 being the slowest and 5 being the fastest processing rate. Flails engage the bale from 1/8" up to 1 3/4" for faster processing.

3 Feed Rollers

Highline® feed rollers come with four rows of steel paddles. This design pulls the feed through for more consistent processing and reduced build up of material. The dual feed rollers allow the flail drum to be centrally located in the chamber providing up to 60' (18.3 m)* of material discharge distance.

** Contingent on environmental and operating conditions.*

Fork Position Indicator

For improved positioning when loading the second bale.

Fork Length

Fork length of 67 ½" (1.71 m) for full bale engagement.

Adjustable Forks (up to 50" between inside faces)

Lift bales from the smallest silage up to 6' (1.83 m). Lift from the row and load them into the Bale Pro®.

Adjustable Axles

Adjust to a wide stance in uneven terrain for stability, or adjust to a narrow stance for passing through gates and narrow barn doors.

Rear Deflectors

Standard on all models.

Screen Design

For better material containment.

Hi-Flotation Tires

Each Bale Pro® model is designed with appropriately sized hi-flotation tires allowing for easy maneuverability through challenging terrain.

Dual Feed Roller Processing Chamber

(See page 13).

Hose Holder

Keep hoses protected and out of the mud! Quickly hook up to the tractor with the hoses now located conveniently beside the tractor remotes. The hose holder locks out of the way during hook up or for shipping.

Axle Twine Guard

The Axle Twine Guard eliminates the nuisance of twine getting tightly wrapped around the wheel axle.

Discharge Door

The singular, flat smooth top allows for easy cleaning. The magnetic curtain retainers break free when obstructed.

Motor Protection Valve

Reduces pressure spikes increasing the motor life and durability.

BP 660 SPECIFICATIONS

	Base 660 Bale Pro®	Base 660 Bale Pro® with Feed Chopper™	Base 660 Bale Pro® with Grain Tank	Base 660 Bale Pro® with FC* & GT**
PTO Minimum HP	85 hp (64 kW)	125 hp (94 kW)	100 hp (75 kW)	125 hp (94 kW)
PTO Recommended HP	100 hp (75 kW)	140 hp (105 kW)	125 hp (94 kW)	140 hp (105 kW)
Transport Width	112" (2.84 m)	112" (2.84 m)	141 ½" (3.59 m)	141 ½" (3.59 m)
Transport Height	130 ½" (3.31 m)	130 ½" (3.31 m)	130 ½" (3.31 m)	130 ½" (3.31 m)
Working Height Maximum	152" (3.86 m)	152" (3.86 m)	152" (3.86 m)	152" (3.86 m)
Length to End of Tires	174" (4.42 m)	174" (4.42 m)	174" (4.42 m)	174" (4.42 m)
Length to End of Forks Down	223 ½" (5.68 m)	223 ½" (5.68 m)	223 ½" (5.68 m)	223 ½" (5.68 m)
Discharge* **	Right Hand	Right Hand	Right Hand	Right Hand
Weight	5050 lb (2291 kg)	5820 lb (2640 kg)	6090 lb (2762 kg)	6860 lb (3112 kg)
Tongue Weight (Unloaded)	1610 lb (730 kg)	1890 lb (857 kg)	1975 lb (896 kg)	2225 lb (1009 kg)
Hydraulics	3 Remote	3 Remote	3 Remote	3 Remote
Driveline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline
Tires	16.5L x 16.1	16.5L x 16.1	16.5L x 16.1	16.5L x 16.1
Size of Bales	Up to 6' (1.83 m) diameter	Up to 6' (1.83 m) diameter	Up to 6' (1.83 m) diameter	Up to 6' (1.83 m) diameter
Discharge End Curtains, Top and Rear Deflectors	Standard	Standard	Standard	Standard
2 Hydraulic Remote	Option	Option	Option	Option

** FC - Feed Chopper*
*** Grain Tank capacity - 45 bushels (1587 L)*

**** Right/left hand is determined by sitting in the tractor seat looking forward.*

All weights and transport dimensions are estimates and are subject to change.

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

If livestock is being fed, it is the operator's responsibility to ensure that the materials in the processed feed mix are suitable. Some of the wrapping material (twine, net wrap or other materials) may be discharged with the feed if the wrapping materials are not removed prior to processing.

For the latest product information, please visit: www.highlinemfg.com.

BP 661 BALE PRO®

PROCESS that way

The BP 661 Bale Pro® is also a great option for cattle operations looking for a durable, well-engineered bale processor. An alternative to the BP 660 Bale Pro®, the 661 Bale Pro® has a slat and chain processing chamber with an offset flail drum. Expand your BP 661 by adding a Feed Chopper™ and Grain Tank (See page 36 for additional information on the BP modular system).

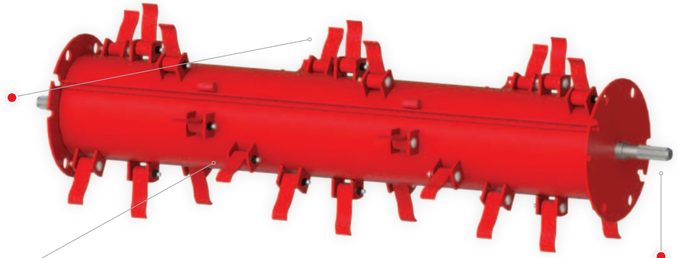
PRECISION feeding

The **Slat & Chain Processing Chamber**
of the **BP 661 Bale Pro®**

The Highline® flails efficiently "bite" into the bale for uniform feed processing. The flails are optimally sized to grab the bale.

The stepped shaft design is machined from a single length of material vastly improving strength and durability of the drum.

The flails are designed in a spiral formation. This spiral formation ensures that the bale is continuously pulled and processed resulting in consistent feed. Also, the flail drum is digitally balanced for smooth performance and long bearing life.



Stepped Shaft Design

1 Guard Rods

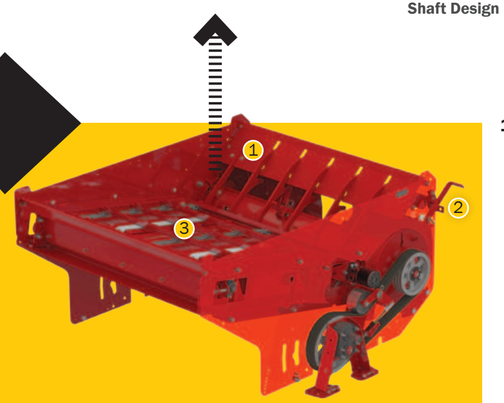
Guard rods are designed for uniform processing from beginning to end.

2 Adjustable Aggression

Bales can be processed more or less aggressively depending on your needs. Processing can be set in a range of 1-5, with 1 being the slowest and 5 being the fastest processing rate. Flails engage the bale from 1/8" up to 1 1/2" for faster processing.

3 Slat & Chain Feeder

The Highline® Slat & Chain feed system is designed utilizing durable 2080H chain with no center bearing on the feeder chain rollers.



Fork Position Indicator

For improved positioning when loading the second bale.

Fork Length

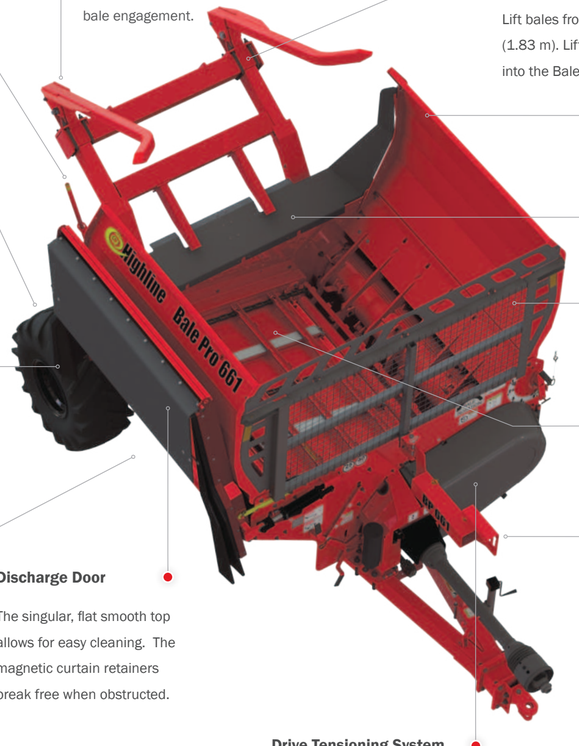
Fork length of 67 ½" (1.71 m) for full bale engagement.

Adjustable Forks (up to 50" between inside faces)

Lift bales from the smallest silage up to 6' (1.83 m). Lift from the row and load them into the Bale Pro®.

Adjustable Axles

Adjust to a wide stance in uneven terrain for stability, or adjust to a narrow stance for passing through gates and narrow barn doors.



Side Shields

Contoured to match large bale profiles for improved flail engagement.

Rear Deflectors

Standard on all models.

Screen Design

For better material containment.

Hi-Flotation Tires

Each Bale Pro® model is designed with appropriately sized hi-flotation tires allowing for easy maneuverability through challenging terrain.

Slat & Chain Processing Chamber

(See page 19).

Hose Holder

Keep hoses protected and out of the mud! Quickly hook up to the tractor with the hoses now located conveniently beside the tractor remotes. The hose holder locks out of the way during hook up or for shipping.

Axle Twine Guard

The Axle Twine Guard eliminates the nuisance of twine getting tightly wrapped around the wheel axle.

Discharge Door

The singular, flat smooth top allows for easy cleaning. The magnetic curtain retainers break free when obstructed.

Drive Tensioning System

Easy and simple to use tensioner keeps the belt tight to avoid slippage.

BP 661 SPECIFICATIONS

	Base 661 Bale Pro®	Base 661 Bale Pro® with Feed Chopper™	Base 661 Bale Pro® with Grain Tank	Base 661 Bale Pro® with FC* & GT**
PTO Minimum HP	85 hp (64 kW)	125 hp (94 kW)	100 hp (75 kW)	125 hp (94 kW)
PTO Recommended HP	100 hp (75 kW)	140 hp (105 kW)	125 hp (94 kW)	140 hp (105 kW)
Transport Width	112" (2.84 m)	112" (2.84 m)	148 ½" (3.77 m)	148 ½" (3.77 m)
Transport Height	130 ½" (3.31 m)	130 ½" (3.31 m)	130 ½" (3.31 m)	130 ½" (3.31 m)
Working Height Maximum	152" (3.86 m)	152" (3.86 m)	152" (3.86 m)	152" (3.86 m)
Length to End of Tires	181" (4.60 m)	181" (4.60 m)	181" (4.60 m)	181" (4.60 m)
Length to End of Forks Down	230" (5.84 m)	230" (5.84 m)	230" (5.84 m)	230" (5.84 m)
Discharge* **	Right Hand	Right Hand	Right Hand	Right Hand
Weight	5685 lb (2579 kg)	6430 lb (2917 kg)	6710 lb (3044 kg)	7465 lb (3386 kg)
Tongue Weight (Unloaded)	1935 lb (878 kg)	2175 lb (987 kg)	2280 lb (1034 kg)	2480 lb (1125 kg)
Hydraulics	3 Remote	3 Remote	3 Remote	3 Remote
Driveline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline
Tires	16.5L x 16.1	16.5L x 16.1	16.5L x 16.1	16.5L x 16.1
Size of Bales	Up to 6' (1.83 m) diameter	Up to 6' (1.83 m) diameter	Up to 6' (1.83 m) diameter	Up to 6' (1.83 m) diameter
Discharge End Curtains, Top and Rear Deflectors	Standard	Standard	Standard	Standard
2 Hydraulic Remote	Option	Option	Option	Option

** FC - Feed Chopper*
*** Grain Tank capacity - 45 bushels (1587 L)*

**** Right/left hand is determined by sitting in the tractor seat looking forward.*

All weights and transport dimensions are estimates and are subject to change.

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

If livestock is being fed, it is the operator's responsibility to ensure that the materials in the processed feed mix are suitable. Some of the wrapping material (twine, net wrap or other materials) may be discharged with the feed if the wrapping materials are not removed prior to processing.

For the latest product information, please visit: www.highlinemfg.com.

BP 663 TOP GUN®

DELIVERING EFFECTIVE
bedding solutions

The Highline® BP 663 TOP GUN® is a rugged, highly effective agricultural implement for bedding and feeding applications, as well as coverage solutions for environmental and land reclamation. It provides uniform coverage as it throws material up to 80 feet (24.3 meters)*, or feeds by gently dropping a windrow from its side discharge.

** Contingent on environmental and operating conditions.*

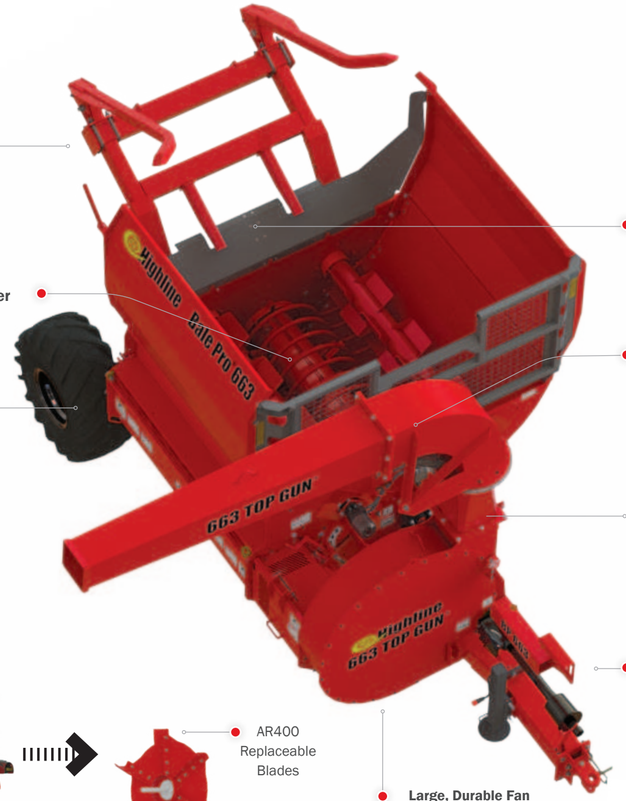
PRECISION feeding

Fork Design
Ability to load round bales.

Dual Feed Roller Processing Chamber

(See page 13).

Hi-Flotation Tires
Each Bale Pro® model is designed with appropriately sized hi-flotation tires allowing for easy maneuverability through challenging terrain.



Rear Deflectors

Easily Maneuvered, High Discharge Chute
Allows you to distribute product to the right or the left of the machine.

AR400 wear resistant material.

Hose Holder
Keep hoses protected and out of the mud! Quickly hook up to the tractor with the hoses now located conveniently beside the tractor remotes. The hose holder locks out of the way during hook up or for shipping.

AR400 Reversible Wear Liner

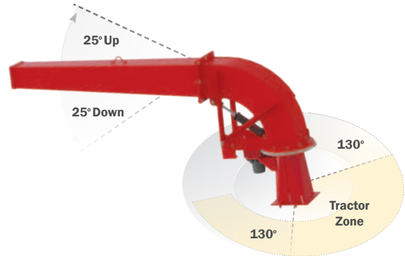
AR400 Replaceable Blades

Large, Durable Fan and Auger Assembly

3 CHUTE OPTIONS AVAILABLE

Curved Discharge Chute

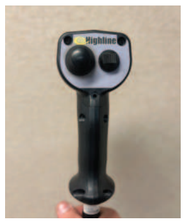
Long Discharge Chute



Curved Discharge Chute with End Deflector

Joystick Control (optional)

The joystick control option is an easy to use single remote control for all functions including bale load, bale rotation and discharge chute control both horizontally and vertically. This option results in less operator fatigue with very little effort to perform all hydraulic functions of the machine.



Easily and accurately position the discharge chute from the tractor cab for accurate placement of feed or bedding. With a wide range of motion (chute rotates 130 degrees left and 130 degrees right, as well as 25 degrees up and down), the discharge chute (84" (2.13 m) long, 11' (3.35 m) high nozzle) can be directed to throw material up to 80' (24.3 m)*.

NOTE: Right/Left hand is determined by sitting in the tractor seat looking forward.

** contingent on environmental and operating conditions.*

The Most Efficient Way to Put Out Bedding.

The TOP GUN® can easily reach over the top of bunks and fences to blow straw into pens to bed cattle.

The TOP GUN® makes feeding and bedding a quick and comfortable process for both the cattle and yourself.

TOP GUN® SPECIFICATIONS

PTO Recommended HP	165 hp (124 kW)
Transport Width	108 ½" (2.75 m)
Transport Height	131 ½" (3.34 m)
Working Height Maximum (Nozzle Extended)	165" (4.19 m)
Length to End of Tires	203 ½" (5.17 m)
Length to End of Forks Down	250 ½" (6.37 m)
Weight	7780 lb (3518 kg)
Tongue Weight (Unloaded)	2815 lb (1277 kg)
Discharge	Left/Center/Right
Hydraulics	3 Remote
Driveline	1000 PTO 1 ⅜" 21 Spline with over-running clutch

Tires	16.5L x 16.1
Size of Bales	Up to 6' (1.83 m) diameter
Top Deflectors	Standard
Rear Deflector	Standard
Rear Facing Lights	Option
1 Remote Joystick	Option
Hydraulic Aggression Control	Option

All weights and transport dimensions are estimates and are subject to change.

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

If livestock is being fed, it is the operator's responsibility to ensure that the materials in the processed feed mix are suitable. Some of the wrapping material (twine, net wrap or other materials) may be discharged with the feed if the wrapping materials are not removed prior to processing.

For the latest product information, please visit: www.highlinemfg.com.

REAL flexibility

Ideal for feeding and bedding - the BP 965 Bale Pro® offers all of the proven design features found on the Highline® Bale Pro® series with the added flexibility to process round or square bales as desired...as well as other beneficial design features like a 9' (2.74 m) flail drum which increases processing rate.

PRECISION feeding

SIMPLE
Design.

Loads large square bales lengthwise.

ROUND OR SQUARE . . IT DON'T CARE!

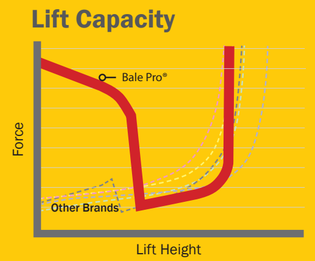
Adjustable forks for round or square bales:

The low profile fork cradles easily slide under the square bale allowing a single bale to be loaded without backing while the high outer edges account for misalignment by funneling the bale in between the two forks.

Loading rounds from a tight row? Simply pull a pin on each fork to collapse the extensions, allowing you to load without contacting the bale behind.

EXTREME
Lifting Power.

With the highest breakout force in the industry, the Highline® Vertical Lift design allows you to release even the most stubbornly frozen bales from the ground with ease. Also, because the bale is lifted straight up off of the ground, the scrubbing action against the bale stack is minimized, reducing bale damage and waste.



EFFICIENT LENGTHWISE PROCESSING
of Square Bales.

One of the challenges of processing square bales is maintaining both a high loading efficiency AND high processing efficiency (the competition fails to deliver on either one or the other). The BP 965 Bale Pro® capable of processing a 4' x 4' x 9' **(1.2 x 1.2 x 2.7 m) bale in minutes! The Twine Sickle™ Bale Prepping System on the BP 965 helps with this efficiency.*

The vertical bale lift is a 2 stage lift system where the first stage of the process lifts the bale straight off of the ground. Little space is required to accommodate this design.

The bale is lifted.

The bale is aligned with the flail drum for efficient processing.

The Twine Sickle™ cuts the twine and the bale is dropped loosely into the tub (the loose consistency helps with uniform processing).

Bale processing times are contingent on bale type, aggression setting and tractor horsepower.
***Forages may react differently when the twine pressure is removed.*

HOW IT WORKS:

As the square bale is lifted, it slides down into the cutting bar where its weight engages the Twine Sickle™ sections. A hydraulic cylinder is actuated from the cab which slides the sections through the end of the bale and cuts the twine, prior to dumping the bale in the processing chamber. The cutting of the twine prior to loading the bale in the tub results in faster processing.

EASILY CUT THROUGH TWINE

WITH THE TWINE SICKLE™ BALE PREPPING SYSTEM

(for square bales)

The Twine Sickle™ - The Bale Prepping System uses the weight of the square bale to effectively cut the twine prior to processing.

Fork Position Indicator

For improved positioning when loading the second bale.

Adjustable Axles

Adjust to a wide stance in uneven terrain for stability, or adjust to a narrow stance for passing through gates and narrow barn doors.

Hi-Flotation Tires

Each Bale Pro® model is designed with appropriately sized hi-flotation tires allowing for easy maneuverability through challenging terrain.

Axle Twine Guard

The Axle Twine Guard eliminates the nuisance of twine getting tightly wrapped around the wheel axle.

Twine Sickle™

Effectively cut the twine on square bales. See pages 32-33.

Discharge Door

The singular, flat smooth top allows for easy cleaning. The magnetic curtain retainers break free when obstructed.

Fork Design

Adjustable length fork design for round or square bales.

Rear Deflectors

Standard on all models.

Screen Design

For better material containment.

Dual Feed Roller Processing Chamber

(See page 13).

Hose Holder

Keep hoses protected and out of the mud! Quickly hook up to the tractor with the hoses now located conveniently beside the tractor remotes. The hose holder locks out of the way during hook up or for shipping.

Motor Protection Valve

Reduces pressure spikes increasing the motor life and durability.

BP 965 SPECIFICATIONS

	Base 965 Bale Pro®	Base 965 Bale Pro® with Feed Chopper™	Base 965 Bale Pro® with Grain Tank	Base 965 Bale Pro® with FC* & GT**
PTO Minimum HP	100 hp (75 kW)	140 hp (105 kW)	100 hp (75 kW)	140 hp (105 kW)
PTO Recommended HP	115 hp (86 kW)	165 hp (122 kW)	125 hp (94 kW)	165 hp (122 kW)
Transport Width	112" (2.84 m)	112" (2.84 m)	141 ½" (3.59 m)	141 ½" (3.59 m)
Transport Height	136" (3.45 m)	136" (3.45 m)	136" (3.45 m)	136" (3.45 m)
Working Height Maximum	189 ½" (4.81 m)	189 ½" (4.81 m)	189 ½" (4.81 m)	189 ½" (4.81 m)
Length to End of Tires	210" (5.33 m)	210" (5.33 m)	210" (5.33 m)	210" (5.33 m)
Length to End of Forks Down	302" (7.67 m)	302" (7.67 m)	302" (7.67 m)	302" (7.67 m)
Discharge* **	Right Hand	Right Hand	Right Hand	Right Hand
Hydraulics	3 Remote	3 Remote	3 Remote	3 Remote
Driveline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline	1000 rpm PTO 1⅜" 21 Spline
Weight	7375 lb (3345 kg)	8390 lb (3806 kg)	8480 lb (3847 kg)	9495 lb (4307 kg)
Tongue Weight (Unloaded)	2400 lb (1088 kg)	2760 lb (1252 kg)	2715 lb (1232 kg)	3070 lb (1393 kg)
Tires	16.5L x 16.1	16.5L x 16.1	16.5L x 16.1	16.5L x 16.1
Max. Size of Bales **Round** **Square**	6' (1.83 m) 4' x 4' x 9' (1.2 x 1.2 x 2.7 m)	6' (1.83 m) 4' x 4' x 9' (1.2 x 1.2 x 2.7 m)	6' (1.83 m) 4' x 4' x 9' (1.2 x 1.2 x 2.7 m)	6' (1.83 m) 4' x 4' x 9' (1.2 x 1.2 x 2.7 m)
Twine Sickle™, Discharge End Curtains, Top and Rear Deflectors	Standard	Standard	Standard	Standard
2 Hydraulic Remote	Option	Option	Option	Option

** FC - Feed Chopper*
*** Grain Tank capacity - 45 bushels (1587 L)*

**** Right/left hand is determined by sitting in the tractor seat looking forward.*

All weights and transport dimensions are estimates and are subject to change.

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

If livestock is being fed, it is the operator's responsibility to ensure that the materials in the processed feed mix are suitable. Some of the wrapping material (twine, net wrap or other materials) may be discharged with the feed if the wrapping materials are not removed prior to processing.

For the latest product information, please visit: www.highlinemfg.com.

the Bale Pro® MODULAR SYSTEM

The Bale Pro® modular system adds flexibility to your Bale Pro® system allowing you to add components as your operation requirements shift.

1 THE Base Bale Pro®

Highline® Bale Pros® aggressively spin and loosen the bale for uniform feeding into the flail processing chamber, allowing for range or bunk feeding.

2 Feed Chopper™

The Highline® Feed Chopper™ is a secondary processing option that allows you to produce a consistent, shorter cut length; the shorter cut length creates a more consistent feed output and gets rid of long stems.

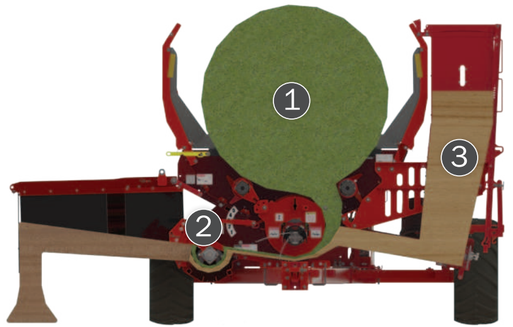
3 Grain Tank

The hydraulically driven Grain Tank boasts a 45 bushel (1587 l) tank. The grain is inserted, rather than dropped onto the forage resulting in an evenly mixed feed ration.

= Bale Pro® BP

How the BP System Impacts the Bottom Line - Analyze The Numbers
The Bale Pro® System:

- Reduces the labor requirements to provide proper nutrition. This provides the greatest benefits at calving season—no chop pails or rolled grain wagons, no necessity for 2 operators and 2 tractors.
- Eliminates the cost to own or rent a tub grinder.
- Eliminates waste from spoilage of batch processing.
- Ability to run bedding through the Feed Chopper™ increases absorption in various indoor applications.



*looking from the front of the Bale Pro®

1. The bale is processed.
2. The Feed Chopper™ slices processed forage, cracks grain and blends the mix into a ration.
3. Metered grain is inserted into the feed stream.

1 the BASE BALE PRO®

BP 660 / BP 661 / BP 663 TOP GUN® / BP 965

Highline's Bale Pros® chop and mix round or square bales (model dependent), reducing sorting and waste.

The Bale Pro® advantages:

Discharge Door

Accommodate a wide range of bunks or windrowing with this lengthened, one piece discharge door.

Extremely Durable Construction

The durable, 6 X 4 A-Frame design and continuous tube structure of all Bale Pros® handles heavy loads. The continuous frame member eliminates weld stress points when operating in harsh environments.

2 Stage Bale Lift

The 2 stage vertical lift reduces the bale being lifted from "scrubbing" on the bales in the bale stack, as well as eliminates the need to clutch the tractor between bales.

1 the BASE BALE PRO®

BP 660 / BP 661 / BP 663 TOP GUN® / BP 965

Rear Deflectors

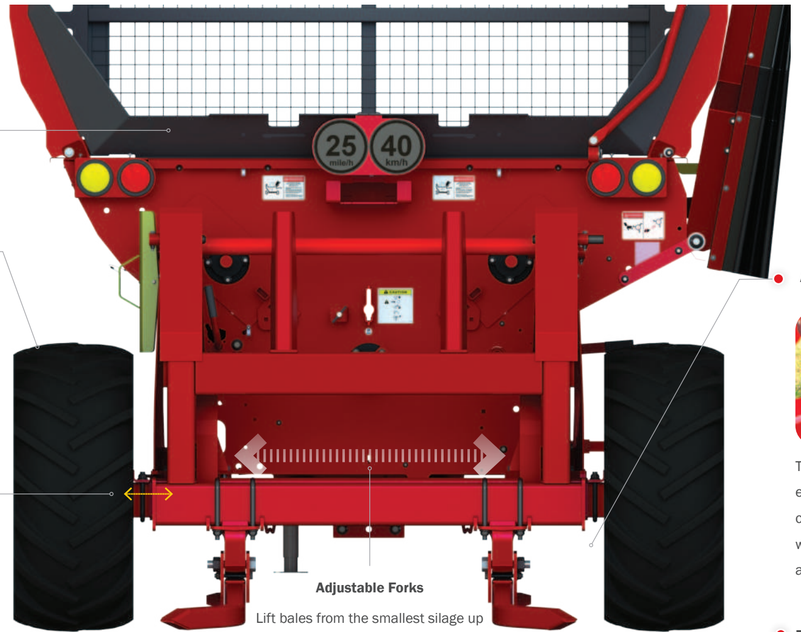
Standard on all models.

Hi-Flotation Tires

Each Bale Pro® model is designed with appropriately sized hi-flotation tires allowing for easy maneuverability through challenging terrain.

Adjustable Axles

Adjust to a wide stance in uneven terrain for stability, or adjust to a narrow stance for passing through gates and narrow barn doors.



Adjustable Forks

Lift bales from the smallest silage up to 6' (1.83 m). Lift from the row and load them into the Bale Pro®.

Axle Twine Guard

The Axle Twine Guard eliminates the nuisance of twine getting tightly wrapped around the wheel axle.

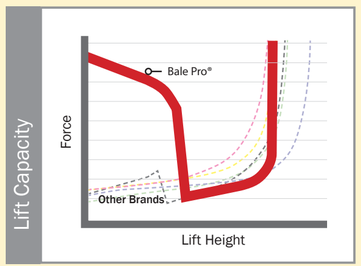
Fork Length

Fork length of 67 ½" (1.71 m) for full bale engagement.

Vertical Bale Lift

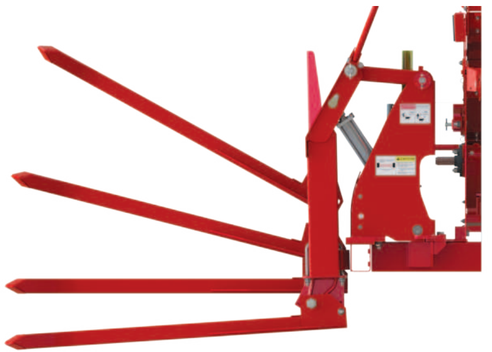
The Bale Pro® vertical bale lift has the highest breakout force of any bale processor on the market today. This force allows you to easily remove bales that are frozen to the ground. Vertical lift reduces the bale being lifted from “scrubbing” on the bales in the bale stack, as well as eliminates the need to clutch the tractor between bales.

The vertical bale lift is a 2 stage lift system where the first stage of the process lifts the bale straight off of the ground. Little space is required to accommodate this design. The competitors lack the 2 stage system. On competitors' systems, the bale rotation into the tub is started immediately resulting in limited force, as well as the need to pull ahead when loading a bale from a stack.



STAGE 1

STAGE 2



1 the BASE BALE PRO®

BP 660 / BP 661 / BP 663 TOP GUN® / BP 965

The image above shows what happens when feed is not placed in a windrow. Instead of standing and eating, the cattle wander around trampling and wasting valuable feed, as well as consuming additional energy.

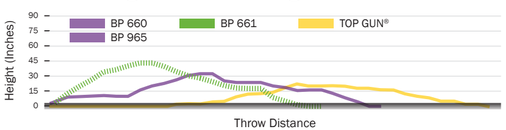
Feeding in the Field.

Feeding cattle in a bunk or a windrow in the field reduces corral cleaning costs in spring; as well, the nutrients from the manure benefit the field biology.

Hydraulic Discharge Door.

The hydraulically operated discharge door "contains" the outputted material in a high, uniform mound. This high mound reduces the amount of sorting the cattle will do, and also deters excess walking and wasting of valuable energy.

Bedding Profiles of Highline Bale Pros®



The graph on the left represents the bedding profiles of each of the different Highline® Bale Pros® in ideal conditions *(reaching maximum height and distance).* The results were taken while each Bale Pro® was stationary with each Bale Pro® processing one complete round bale. (*While feed and weather conditions can alter these measurements, the general pattern of each Bale Pro® remains consistent.)*

Efficient Processing

The Bale Pro® allows you to do double-duty; process one bale while carrying another on the forks. This saves time by allowing for continued operation before having to load again.

Loading bales is a simple one person operation from the comfort of the tractor cab.

Even Bedding

Create an even and lofty spread using a Highline® Bale Pro®. Quality bedding is produced while using less straw, saving on input costs.

2 the FEED CHOPPER™

BP 660 / BP 661 / BP 965

a Feed Chopper™ Blades

The Feed Chopper™ is designed with 128 blades spinning at 3,000 rpm to provide a uniform blend of shorter cut lengths of roughage. The blades are sharpened on both sides; if a blade is worn out or damaged, simply flip the blade over for a sharpened edge.

b Spring Tensioner

The spring tensioner has a wide setting range and this ensures adequate tension on the belt throughout its life. It is a maintenance free design, simply check the tension sight window to verify it's within operating conditions and go!

Additional Benefits

Finished feeding and need to bed? The Feed Chopper™ can be easily disengaged and your throw profile adjusted by simply removing the 2 hair pins on either side of the Feed Chopper™ and adjusting the angle of the deflector pan for bedding purposes.

The Feed Chopper™

The Feed Chopper™, exclusively from Highline®, is a secondary processing option to create shorter cut lengths. Rather than stationary knives that pulverize or drag leaves off of stems, the Highline® Feed Chopper™ truly slices through the hay creating an optimal consistency. The Feed Chopper™ is a great alternative to tub grinders.

- **Improves Whole Plant Intake**

  Chopping reduces particle size of the whole plant improving intake of the stem portion. This is the part cows and sheep sort against. The efficiency of forage utilization improves, reducing the amount of forages for winter feeding the herd.

- **Reduces Waste While Increasing Palatability**

  Cattle have preferences in what they eat. For example, longer coarse feed and low quality hay may have adequate nutritional value, but are not eaten, creating feed waste. By chopping low quality hay, intake of feed is increased, cattle will clean up the windrow or feed bunks.

- **Minimizes Sorting**

  Consistent shorter cut length hay from the Feed Chopper™ ensures cattle do not sort different length material or grain. Now full feed utilization can occur while the cattle are eating the intended rations.

- **Flexibility of Feed Types**

  The Highline® Feed Chopper™ excels at cutting a wide range of bales including silage, corn or old straw bales. Feed sources can include: Corn Stover, Canola Straw, Green Feed, Alfalfa and Silage Bales, processed to an appropriate blend of cut lengths.

The Feed Chopper™ can be added as a field installed option to the BP 660, BP 661 and BP 965 Bale Pros®.

3 the GRAIN TANK

BP 660 / BP 661 / BP 965

The Grain Tank is a variable speed hydraulic drive feed system that allows for even and consistent flow.

Unique to bale processing, the Highline® metering system ensures uniform mixes each and every time...regardless of feed conditions! Even distribution of grain or pellets within the hay is critical to ensure a good combined feed mix. Because cattle prefer grain to hay, they will sort out the grain and leave the hay if possible. The hydraulic drive feed system inserts the grain directly into the hay stream (as opposed to placing it on top) ensuring an optimal mix. Feeding grain is critically important to cattle in cold weather, backgrounding and during the final stages of gestation. Proper nutrition is required if the cattle body condition is to be maintained which relates directly to healthy calving and desired weight gains.

Auger
Hydraulic motor with ample power along with a proportional valve for precise rate control.

Axle
The speed sensor offsets in the rim keeping it away from mud & twine.

Hydraulic Drive Feed System
With no complex driveline, evenly distribute your grain or pellets.

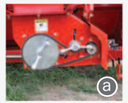
Grain Tank Features

Controlling Rations

It is vital to ensure that the amount of grain added into a ration is controlled. The amount of grain components in the ration needs to match up with the rumen's ability to utilize the grains. Increasing the grain components too quickly can result in acidosis and the animals going off feed. The Highline® hydraulic drive feed system precisely distributes the grain or pellets into the hay or straw windrow.

The hydraulic drive feed system now allows for stationary processing with precise grain addition – perfect for pre-processing for wagon or mixer feeding!

Control System Display
Easily set your rate for any feeding scenario. Enter the output you want, the calibration value, and start feeding.



Variable Speed Hydraulic Drive
Hydraulically driven metering can be instantly adjusted from the cab – no more distance meter or changing sprockets.

Gauge Windows
Easily view current grain levels through multiple gauge windows and confirm with the weight estimate on the display.

Electrical Ground Speed Sensing
No more complex auger driveline. Ground speed is determined from a speed sensor on the axle.

Tank Lid & Ladder
Large, 45 bushel (1587 L) tank with remote opener and a flip-down ladder to easily access the large 2' x 6' (.61 x 1.83 m) tank opening.

The Grain Tank can be added as a field installed option to the BP 660, BP 661 and BP 965 Bale Pros®.

TMR MIXER models

4 MODELS - one to meet your needs.

Highline® Manufacturing is focused on ensuring the equipment we offer is part of a complete solution to feeding livestock in the most efficient and effective way possible.

Perfect for the smaller to mid-size farm

AMX 520T Mixer

PAGE 50

Low profile loading height

AMX 690T Mixer

PAGE 54

Simple. Reliable. Cost Effective

AMX 850T Mixer

PAGE 58

Allows one operator to perform all cattle feeding with a single machine

AMX 1000S Mixer

PAGE 62

AMX 520T MIXER

EASY
to operate

The AMX 520T single screw mixer is perfect for the smaller to mid-size farm! With features like a wide 58” door and three conveyor options offered, this compact mixer would be an essential part of your feeding program.

AMX 520T Features

Single Vertical Mixing Screw

Screw comes standard with 10 knives installed.

Load Cell Configuration

Four load cells that measure the tub and conveyor to provide accurate measurements.

Unload Door

An industry leading 58" wide front unload door for fast and even feed delivery. The larger door means fewer tractor stops and an optimal clean out.

Aggression Plates

To aid in a shorter cut length of material.

2 speed Gear Box (optional)

Manual shift or Power shift.

Durable A Frame

The continuous frame member eliminates weld stress points when operating in harsh environments.

Hubs

Heavy duty 10 bolt hubs.

Axle and Tires

Single axle and high flotation tires (445/50R-22.5) are standard equipment to meet the extremes of North American weather.

Conveyors

Three different conveyor options available to meet your needs - Hydraulic Fold, Dogleg and Flat.

AMX 520T SPECIFICATIONS

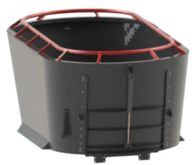
Tub

Tub Capacity / with 10" extension	451 ft³ (12.7 m³) / 520 ft³ (14.7 m³)
Number of Screws	1
Screw Speed	39 rpm @ 1000 PTO
Screw Thickness and Material	⅝" (15.9 mm) Steel
Tub Wall Thickness and Material	¼" (6.4 mm) AR200 Steel
Tub Floor Thickness and Material	¾" (19 mm) Steel
Aggression Plates	Yes
Weigh System	4 Point Weighing System

Unloading

Conveyors	Chain with Steel Slats
Unload Height Flat	32" (813 mm)
Unload Height Dogleg	46" (1168 mm)
Unload Height Hydraulic	32" - 56" (813 mm - 1422 mm)
Unload Door Width	58" (1473 mm)

Hay Ring (Optional)



Drivetrain

PTO Minimum HP	100 hp (75 kW)
PTO Drive	1 ⅜" PTO Yoke, Cat 6 PTO, Shear Protection, 1000 rpm
Tires	Two 445/50-22.5
Suspension	Single Axle, HD 10 Bolt Hubs

Dimensions and Weight

Unloaded Weight	10600 lb (4818 kg)
Max Payload	10040 lb at 20 mph (6382 kg at 32 kph)
Length	227" (5.77 m)
Height - Standard	117" (2.97 m)
Height - With 10" Extension	127" (3.23 m)
Width - Flat Conveyor	109" (2.77 m)
Wheel Track Width	100" (2.54 m)

All weights and transport dimensions are estimates and are subject to change.
While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

If livestock is being fed, it is the operator's responsibility to ensure that the materials in the processed feed mix are suitable. Some of the wrapping material (twine, net wrap or other materials) may be discharged with the feed if the wrapping materials are not removed prior to processing.

For the latest product information, please visit: www.highlinemfg.com.

LOW profile

The AMX 690T has a low profile loading height making it easier to load materials into the mixer. The low profile gives you the ability to easily maneuver through low barn door openings.

AMX 690T Features

Twin Vertical Mixing Screws

Each screw comes standard with 10 knives installed.

Load Cell Configuration

Four load cells that measure the tub and conveyor to provide accurate measurements.

Unload Door

An industry leading 58" wide front unload door for fast and even feed delivery. The larger door means fewer tractor stops and an optimal clean out.

Dividers

Prominent dividers in the tub means minimal mixing dead spots with exceptional clean out.

2 speed Gear Box (optional)

Manual shift or Power shift.

Hubs

Heavy duty 10 bolt hubs.

Axle and Tires

Single axle and high flotation tires (445/50R-22.5) are standard equipment to meet the extremes of North American weather. A tandem walking axle option is available.

Aggression Plates

To aid in a shorter cut length of material.

Conveyors

Three different conveyor options available to meet your needs - Hydraulic Fold, Dogleg and Flat.

AMX 690T SPECIFICATIONS

Tub

Tub Capacity / with 6" extension	625 ft³ (17.7 m³) / 692 ft³ (19.5 m³)
Number of Screws	2
Screw Speed	33 rpm @ 1000 PTO
Screw Thickness and Material	⅝" (15.9 mm) Steel
Tub Wall Thickness and Material	¼" (6.4 mm) AR200 Steel
Tub Floor Thickness and Material	⅝" (15.9 mm) Steel
Aggression Plates	Yes
Weigh System	4 Point Weighing System

Unloading

Conveyors	Chain with Steel Slats
Unload Height Flat	34" (864 mm)
Unload Height Dogleg	48" (1220 mm)
Unload Height Hydraulic	34" - 58" (864 mm - 1473 mm)
Unload Door Width	58" (1473 mm)

Hay Ring (Optional)

Drivetrain

PTO Minimum HP	120 hp (90 kW)
PTO Drive	1 ⅜" PTO Yoke, Cat 6 PTO, Shear Protection, 1000 rpm
Tires - Single Axle	Two 445/50-22.5
Tires - Tandem Axle	Four 550/45-22.5 20 ply
Suspension	Single Axle, HD 10 Bolt Hubs or Tandem Walking Beam

Dimensions and Weight

Unloaded Weight	16680 lb (7582 kg)
Max Payload - Single or Tandem	19000 lb at 20 mph (8618 kg at 32 kph)
Length	316" (8.03 m)
Height - Standard	103" (2.62 m)
Height - With 6" Extension	109" (2.77 m)
Width - Flat Conveyor	109" (2.77 m)
Wheel Track Width	102" (2.59 m)

All weights and transport dimensions are estimates and are subject to change.
While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

If livestock is being fed, it is the operator's responsibility to ensure that the materials in the processed feed mix are suitable. Some of the wrapping material (twine, net wrap or other materials) may be discharged with the feed if the wrapping materials are not removed prior to processing.

For the latest product information, please visit: www.highlinemfg.com.

AMX 850T MIXER

SIMPLE. RELIABLE.
and cost effective

Highline® Manufacturing is focused on ensuring the equipment we offer is part of a complete solution to feeding livestock in the most efficient and effective way possible. The AccuMix™ AMX 850T towed feed mixer is another tool in our lineup that is simple, reliable and cost effective.

AMX 850T Features

Twin Vertical Mixing Screws

Each screw comes standard with 10 knives installed.

Load Cell Configuration

Four load cells that measure the tub and conveyor to provide accurate measurements.

Unload Door

An industry leading 58" wide front unload door for fast and even feed delivery. The larger door means fewer tractor stops and an optimal clean out.

Dividers

Prominent dividers in the tub means minimal mixing dead spots with exceptional clean out.

Mud Flaps (Optional on the 850T, 690T and 520T models)

To prevent material throw from the tractor tires onto the front unload conveyor.

Hubs

Heavy duty 10 bolt hubs.

2 speed Gear Box (optional)

Manual shift or Power shift.

Axles and Tires

Dual axles and high flotation tires (550/45-22.5 20 ply) are standard equipment to meet the extremes of North American weather. A single axle option is available.

Aggression Plates

To aid in a shorter cut length of material.

Conveyors

Three different conveyor options available to meet your needs - Hydraulic Fold, Dogleg and Flat.

AMX 850T SPECIFICATIONS

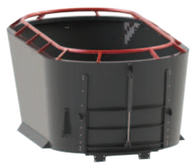
Tub

Tub Capacity / with 10" extension	745 ft³ (21 m³) / 850 ft³ (24 m³)
Number of Screws	2
Screw Speed	33 rpm @ 1000 PTO
Screw Thickness and Material	⅝" (15.9 mm) Steel
Tub Wall Thickness and Material	¼" (6.4 mm) AR200 Steel
Tub Floor Thickness and Material	¾" (19 mm) Steel
Aggression Plates	Yes
Weigh System	4 Point Weighing System

Unloading

Conveyors	Chain with Steel Slats
Unload Height Flat	36" (914 mm)
Unload Height Dogleg	50" (1270 mm)
Unload Height Hydraulic	36" - 60" (914 m - 1524 mm)
Unload Door Width	58" (1473 mm)

Hay Ring (Optional)



Drivetrain

PTO Minimum HP	150 hp (112 kW)
PTO Drive	1 ⅜" PTO Yoke, Cat 6 PTO, Shear Protection, 1000 rpm
Tires - Single Axle	Two 445/50-22.5
Tires - Tandem Axle	Four 550/45-22.5 20 ply
Suspension	Single Axle, HD 10 Bolt Hubs or Tandem Walking Beam

Dimensions and Weight

Unloaded Weight	20200 lb (9182 kg)
Max Payload - Single Axle	17000 lb at 20 mph (7711 kg at 32 kph)
	24000 lb at 7 mph (10886 kg at 11 kph)
Max Payload - Tandem Axle	24000 lb at 20 mph (10886 kg at 32 kph)
Length	316" (8.03 m)
Height - Standard	114" (2.90 m)
Height - With 10" Extension	124" (3.15 m)
Width - Flat Conveyor	109" (2.77 m)
Wheel Track Width	107" (2.72 m)

All weights and transport dimensions are estimates and are subject to change.
While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

If livestock is being fed, it is the operator's responsibility to ensure that the materials in the processed feed mix are suitable. Some of the wrapping material (twine, net wrap or other materials) may be discharged with the feed if the wrapping materials are not removed prior to processing.

For the latest product information, please visit: www.highlinemfg.com.

AMX 1000S MIXER

TOUGH. ACCURATE.
and reliable

The AccuMix™ model AMX 1000S Self Loading Self Propelled Feed Mixer allows one operator to perform all cattle feeding with a single machine, without leaving the seat. It is the only North American designed and manufactured machine of its kind.

AMX 1000s Features

Engine

The Cummins B6.7 six cylinder diesel engine delivers 310 HP, offering the highest torque in the industry.

Sliding rear engine cover provides quick and easy hassle-free access for service.

Drive

Built for Here™, the AMX 1000S boasts aggressive high-flotation tires, fully hydrostatic AWD, leaf-spring suspension for a comfortable ride, three steering modes for easy maneuvering, and two operating modes - work and travel.

The Loading Arm

The self-loading arm option allows for a single operator to do all the feeding with one machine.

Hydraulics

Highline® uses proven brand name hydraulic pumps, motors and valves for ultimate reliability.

Tub

The mixing tub contains two hydraulically driven vertical screws, with three user-customized speeds, from 1-50 rpm.

Milling Head

Load your feed quickly and efficiently into the tub. The milling head speed is adjustable from 0 to 600 rpm.

Cab With A View!

The spacious cab offers air ride, heated seats, heated front windshield, auxiliary diesel heater, sun shade, a buddy seat, standard scale head with Bluetooth capability and heated mirrors.

All that with an amazing view!

Side Discharge

Standard front LHS conveyor OR drop-chute and optional rear conveyor OR drop-chute (LHS or RHS).

Controls

Touchscreen display and ergonomic joystick allows the operator to easily control the functions of the machine.

Cab Access

The stairs extend out when the park brake is applied and fold away when brake is disengaged. This feature allows for improved access and safety to the cab area, in addition to narrower machine width.

AMX 1000S SPECIFICATIONS

Tub	
Tub Capacity	1000 ft³ (28.3 m³)
Screw Speed	3 Adjustable Presets, Range 1-50 rpm
Screw Thickness and Material	⅝" (15.9 mm) 44W Steel
Tub Wall Thickness and Material	¼" (6.4 mm) AR200 Steel
Tub Floor Thickness and Material	¾" (19 mm) 44W Steel
Engine	
Engine	Cummins B6.7 Six Cylinder Diesel - Tier 4 Final
Engine Power	310 HP (232 kW)
Loading Arm	
Milling Head Power	150 HP (112 kW)
Milling Head Speed	Variable 0-600 rpm
Milling Head Width	92" (2.34 m)
Max. Load Height	260" (6.6 m)
Unloading	
Conveyors	Chain with Steel Slats
Positions - Standard	Standard front LHS conveyor OR drop-chute
Positions - Optional	Optional rear conveyor OR drop-chute (LHS or RHS)
Maximum Feedout Height	42" (1.06 m)
Cab and Cooling Features	
Engine Cooler	Flexxaire Auto Reversing Fan
Hydraulic Cooler	Hydac Cooler with Auto Reversing Fan
Cameras	Back up, Tub and Right Side View (Optional 360˚ Birds-eye View)
Mirrors	Heated and Motorized
Seat	Adjustable Air-ride
Climate	Auto Heat, A/C and Diesel Cab Heater with Auto-start Timer)
Electrical System	12V
Drivetrain	
Drive Modes	Work (4 Adjustable Speed Ranges - max 25 km/h) and Travel (max 40 km/h)
Speed Ranges	4 in Work Mode
Max. Speed	25 mph (40 km/h)
Transmission	Full Hydrostatic (AWD)
Tires	600/55R26.5 - 70 psi (483 kpa)
Suspension	Mechanical - Leaf Springs & Stabilizer Bars
Steering	Front, Circle and Crab
Dimensions and Weight	
Unloaded Weight with Arm	46000 lb (20909 kg)
Unloaded Weight without Arm	40000 lb (18182 kg)
Max Payload	26000 lb (11793 kg)
Length - With Loading Arm	478" (12.14 m)
Length - Without Loading Arm	380" (9.65 m)
Height - Top of Cab Antenna	137" (3.47 m)
Width - LHS Conveyor Only (Up/Down)	132" (3.35 m) / 141" (3.58 m)
Width - Conveyor both sides (Up/Down)	138" (3.50 m) / 171" (4.34 m)
Width - LHS Drop Chute Only (Up/Down)	126" (3.20 m) / 126" (3.20 m)
Width - Drop Chute Both Sides (Up/Down)	127" (3.22 m) / 133" (3.37 m)
Wheel Base	275" (6.99 m)
Ground Clearance	19" (.48 m)

YOUR LOCAL PROFESSIONAL HIGHLINE DEALER:

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Vonda, SK, Canada S0K 4N0

www.highlinemfg.com

Mowing Equipment
Product Catalogue

Highline

OUR MISSION

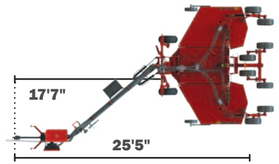
Our mission is to design, manufacture and distribute the highest quality, most durable and reliable farm equipment in the world, which is affordable and meets or exceeds the expectations of our most demanding customers.

Highline Manufacturing is a division of Bourgault Industries Ltd. and as such shares a common standard of "pursuing perfection" in their business approach. Highline's shared approach is to develop relevant products of the highest quality that exceed the expectations of our most discerning customers.

THE RCH™ HYDRO
within ReaCH

The next generation of the RCH™ Hydro Mower is compact with exceptional maneuverability. The unique hydraulic drive system provides the benefits of minimal maintenance and extended blade life which both increase your daily cutting time. Just ask one of our current operators!

An industry exclusive feature of a Highline® mower is the integrated Radial Contouring Hitch (RCH™). The RCH™ is designed to keep the tractor on the road and the Operator safe while achieving a quality cut.



Versatility - Mow on Both Sides of the Road Without Switching Configurations

Mow to the left or the right, or behind on flat areas. The mower can ReaCH either side without requiring a configuration change. The mower can be easily manipulated for backing up and turning around in tight spaces.

Independent Wing Lift

Mow in areas that are restricted for space by lifting each wing independently.
The ability to turn off the deck motors and lift the wings independently is exclusive to a hydraulic mower.

Wing Lift is 90° for compact road transport.

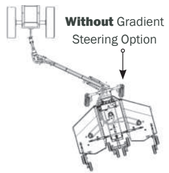
Save **TIME** and **INCREASE** Productivity.

Greasing and maintenance have always been time consuming and cumbersome tasks. Care and greasing on traditional, mechanically-driven ditch mowers can take from 30 minutes up to an hour of preparation time every day! With the RCH™ Hydro Mower greasing and maintenance takes approximately 10 minutes.

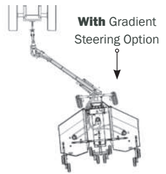
In a mowing season of 100 days this translates into an extra 100 miles (160 kms) of mowing!

Gradient Steering

The gradient steering, available on the RCH™ Hydro Mower, in steep application minimizes side drag on tractor and excessive tractor tire wear

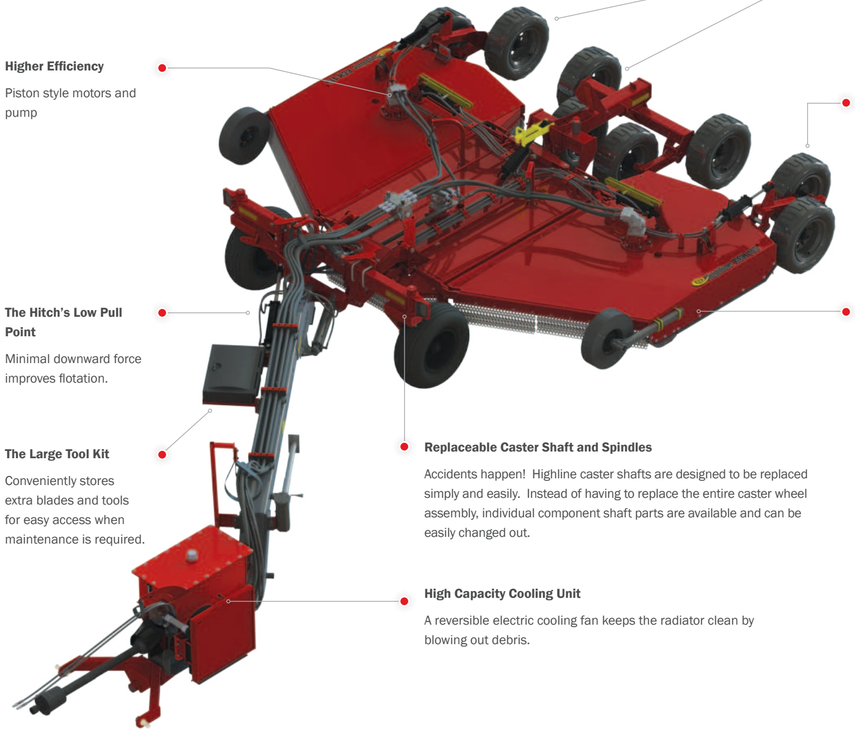


In this illustration the front wheels are free to caster and the mower is skewed noticeably.



In this illustration, the front wheels are steering the mower up the ditch, so the skew is reduced.

With conventional mowers, daily greasing is a tedious, laborious task. With the RCH™ Hydro, greasing of a single driveline is all that it takes to be up and running!



Rear and Wing Tires (Standard)

27 x 10.5, 15" Skid Steer

Higher Efficiency

Piston style motors and pump

Walking Axle

Experience a smoother ride and better contouring with the walking axle on the wings.

The Hitch's Low Pull Point

Minimal downward force improves flotation.

Redesigned Skid Plates

Are made from durable abrasion resistant steel. Skid Plates may be exchanged from side to side for extended life and are replaceable.

The Large Tool Kit

Conveniently stores extra blades and tools for easy access when maintenance is required.

Replaceable Caster Shaft and Spindles

Accidents happen! Highline caster shafts are designed to be replaced simply and easily. Instead of having to replace the entire caster wheel assembly, individual component shaft parts are available and can be easily changed out.

High Capacity Cooling Unit

A reversible electric cooling fan keeps the radiator clean by blowing out debris.

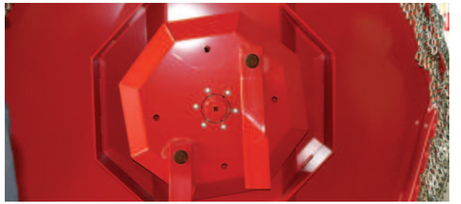
EXTREME
Maneuverability.

No need to steer the tractor around stop signs or obstacles — just use the hydraulic controls to maneuver the mower. Large front tires assist in ground contouring and provide excellent flotation.

The RCH™ HYDRO MOWER

THE OPTIONAL JOYSTICK
IS SIMPLY MORE INSTINCTIVE!

With all hydraulic functions on one control, the Operator can easily operate the RCH™ Hydro Mower with minimum effort. Operators are raving about the ease of use the joystick provides.



LARGE, SMOOTH
UNDERSIDE SHREDS MULCH.

A depth of 11" from the underside of the deck to the blade allows for a larger volume of material to be mulched, resulting in a better cut.

The deck protection rings protect the underdecks from damage due to the rotary blade, flying rocks, or debris.

THE HYDRAULIC DRIVE
ADVANTAGE

The hydraulic drive advantage translates into less time doing maintenance and more time operating! This is because the hydraulic drive system eliminates a number of moving parts including slip clutches which can wear over time reducing overall performance. Also, when a mower blade hits an obstacle, the hydraulic pressure is relieved, reducing force being applied on the blade and potential damage.

The hydraulic drive system reduces the number of PTO drive shafts which means less time greasing.

Drive your tractor on a safe footing while ReaCHing into more difficult places with the mower. The RCH™ design allows the tractor to remain on the road on a safe level footing. There is no need to run dual tires to increase stability. No more tractors stuck in soft ditches. Gone are the days of putting your foot on the tractor window to keep yourself in the seat, reducing driver fatigue.

RCH 415 SPECIFICATIONS

Cutting Swath	180" (4.57 m)
Cutting Capacity	3 ½" (89 mm)
Cutting Height	2" to 15" (51 mm to 381 mm)
Overall Width (to outside of wings lowered)	196" (4.98 m)
Overall Length	392" (10 m)
Transport Width	120" (3.05 m)
Weight	9735 lb (4416 kg)
Blade Size	½" x 4" (13 mm x 102 mm)
Wing Working Range	25° Down, 55° Up
Double Safety Chains All Round	Standard
Minimum Recommended HP	140 hp (104 kW)

Deck Thickness	3/16" High Impact Resistant
Blade Tip Speed	15250 FPM (4650 mpm)
Standard Front Tires	32 x 11.5 x 15 22 Ply
Rear Tires (Wing)	27 x 10.5, 15" Skid Steer (Standard)
Rear Tires (Center)	27 x 10.5, 15" Skid Steer (Standard)
Hydraulic Fluid	AW68
Oil Capacity	20 Imp Gal (94 L)
Deck to Blade Clearance	11" (279 mm)
Tongue Weight	1275 lb (578 kg)
Driveline	Cat 4 1000 PTO -1 3/8" 21 Spine

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

For the latest product information, please visit: www.highlinemfg.com.

Highline

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IDEAL

2024 PRODUCT CATALOG

POST POUNDERS | 3-POINT | ATV

idealfarmequipment.com

ABOUT US

IDEAL is where innovation meets durability in compact commercial-grade implements designed for both agricultural and industrial applications. Our commitment to customer satisfaction is reflected in our dedication to producing a broad assortment of products that combine quality and affordability. With years of experience and unwavering dedication to excellence, IDEAL Farm Equipment remains your trusted partner in enhancing productivity and driving success in the field.

Our product line began in 2018 with post pounders and since 2020 encompasses a wide array of essential equipment, including rotary cutters, mowers, ground-breaking implements, gravel grading and smoothing tools, snow pushers, and a variety of UTV and ATV implements. Whether you're tending to a growing farm or tackling construction projects, our equipment is engineered to deliver optimal performance, efficiency, and reliability, ensuring you get the job done with precision and ease.

SINCE 2018

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100 SERIES
POST POUNDERS

The 100 Series Vibrating Post Drivers makes a tough job simple, saving time and money. Featuring up to a 1,150 ft-lb rating for easy operation in a variety of ground conditions, and up to 900 blows per minute makes quick work of any job.

	ID100	ID110
WEIGHT	1144 LBS	1250 LBS
ENERGY CLASS	750 FT-LB	1150 FT-LB
MIN. LIFTING CAPACITY	2500 LBS.	2500 LBS.
OIL FLOW REQUIRED	11-24 GPM	13-24 GPM
WORKING PRESSURE	2000 PSI	2200 PSI
BLOW RATE (BPM)	UP TO 800	UP TO 900
SHAFT DIAMETER	2.68"	3"
DOMED CUP DIAMETER	8"	9"

SIMPLE REMOTE OPERATION

TAVID TILT ATTACHMENT

Adding a TAVID Tilt Attachment to your skid steer gives the ID100 series post pounders added tilt correction for uneven ground or a 3rd range of motion when using other implements.

WEIGHT	382 LBS
TILT (LEFT OR RIGHT)	15°

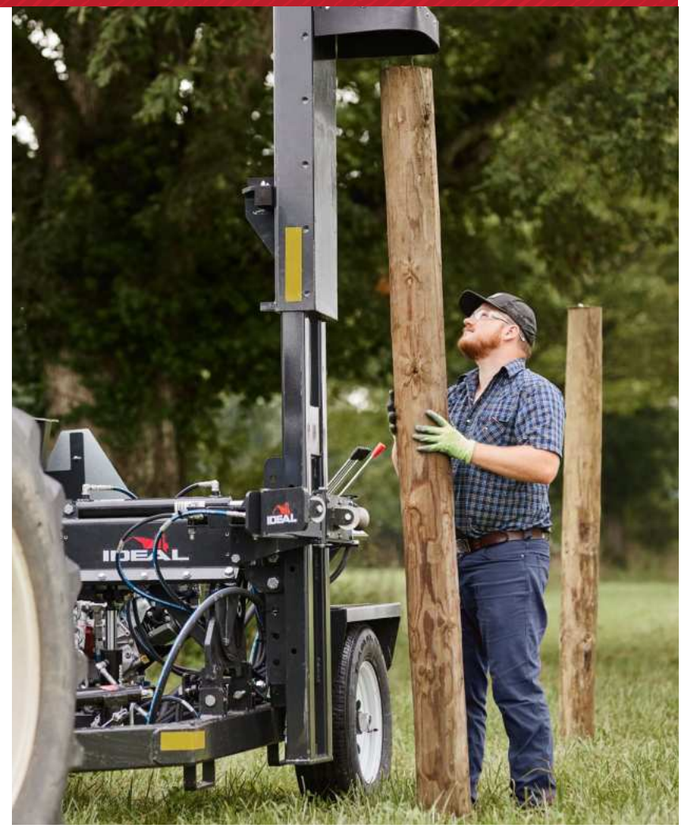
200 SERIES

POST POUNDERS

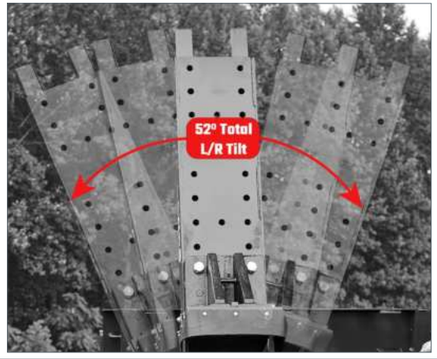
A powerful 14hp commercial Kohler engine powers a hydraulic operated mast with a 750 lb. hammer. Sixteen inches of travel ensures accurate post placement and can drive a 12″ diameter post up to 12′ long. A simple joystick operation and large post bin lets you work quickly.

	ID205 & ID210
WEIGHT	3300 LBS
TILT (LEFT OR RIGHT)	30°
TILT (FRONT/BACK)	27°
HAMMER WEIGHT	750 LBS.
TRANSPORT HEIGHT	98″
TRANSPORT WIDTH	93″
TRANSPORT LENGTH	118″
TOTAL MAST STROKE	67″
DRIVE OPTIONS	14HP KOHLER
HAMMER HEIGHT (MAX)	156″
HAMMER HEIGHT (MIN)	46″
TIRES	ST225 / 75R15

Note: The ID205 is electric start, while the ID210 is pull start.



ADJUSTABLE POSITIONING FOR ANY TERRAIN



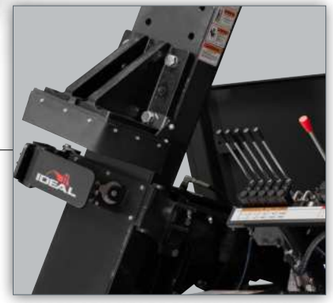
LARGE 1/4″ TO 1/2″ STEEL POST BIN

COMMERCIAL GRADE KOHLER ENGINE

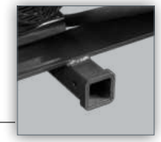
EASY TO USE JOYSTICK CONTROLS

CLEVIS STYLE HITCH WITH SAFETY CHAIN

REMOVABLE JACK STAND



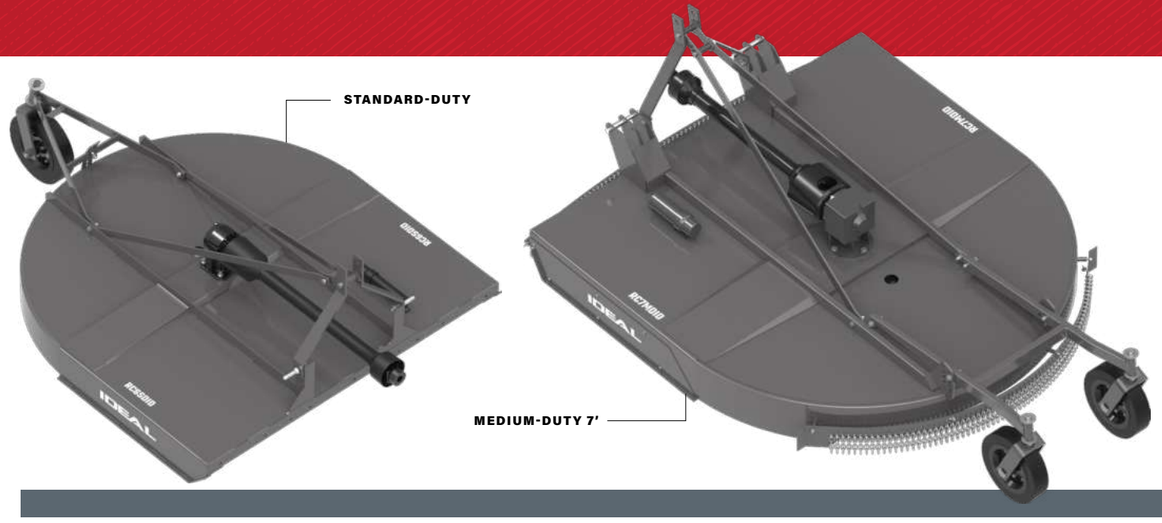
HUGGER ARM HOLDS POSTS SECURLY



REAR HITCH

ROTARY CUTTERS

IDEAL Farm Equipment's Rotary Cutter is designed for cutting rough plant material. Thick grass and saplings are no match for this implement. Use it to create trails, mow fields and clear for wildlife. The heat-treated 2-inch blades can easily handle branches. A stump jumper prevents any potential gearbox or blade damage.



NEW

DESCRIPTION	LIGHT-DUTY 4' ROTARY CUTTER	STANDARD-DUTY 5' ROTARY CUTTER	STANDARD-DUTY 6' ROTARY CUTTER	MEDIUM-DUTY 6' ROTARY CUTTER	MEDIUM-DUTY 7' ROTARY CUTTER
ITEM #	RC4LDID	RC5SDID	RC6SDID	RC6MDID	RC7MDID
TRACTOR HORSEPOWER REQUIRED	18-45	20-50	25-60	28-65	45-90
APPROX. WEIGHT	463 LBS.	530 LBS.	623 LBS.	761 LBS.	1,100 LBS.
LENGTH (INCLUDES TAILWHEEL)	77"	86"	93"	112"	124"
WIDTH (OVERALL)	51"	64"	75"	75"	88"
CUTTING WIDTH	48"	60"	72"	72"	84"
CUTTING HEIGHT	1.5-9"	1.5-9"	1.5-9"	1.5-9"	3-11"
CUTTING CAPACITY	UP TO 1"	UP TO 1"	UP TO 1"	UP TO 1"	UP TO 1"
DECK HEIGHT	7.5"	7.5"	7.5"	7.5"	9.8"
DECK MATERIAL THICKNESS	12 GA.	12 GA.	12 GA.	11 GA. WITH 3/16" REINFORCED SIDES	10 GA.
HITCH	CAT 1	CAT 1	CAT 1	CLEVIS STYLE CAT 1	CLEVIS STYLE CAT 1 & 2
QUICK HITCH COMPATIBLE	YES	YES	YES	YES	YES
POWER TAKE-OFF SPEED	540	540	540	540	540
GEARBOX	45 HP CAST IRON HOUSING, PRECISION FORGED STEEL GEARS	45 HP CAST IRON HOUSING, PRECISION FORGED STEEL GEARS	45 HP CAST IRON HOUSING, PRECISION FORGED STEEL GEARS	65 HP HD CAST IRON HOUSING, PRECISION FORGED STEEL GEARS	65 HP HD CAST IRON HOUSING, PRECISION FORGED STEEL GEARS
GEARBOX LUBRICATION	EP 80-90W GEAR OIL	EP 80-90W GEAR OIL	EP 80-90W GEAR OIL	EP 80-90W GEAR OIL	EP 80-90W GEAR OIL
GEARBOX LUBRICATION CAPACITY	23 OZ.	23 OZ.	23 OZ.	23 OZ.	23 OZ.
STUMP JUMPER	1/8" THICK, ROUND 22.3" PAN-TYPE	1/8" THICK, ROUND 22.3" PAN-TYPE	1/8" THICK, ROUND 22.3" PAN-TYPE	HD 28.5" DIAMETER BLADE PAN	HD 32.5" DIAMETER BLADE PAN
BLADES	1/2" X 3" HEAT-TREATED FREE SWINGING W/ SUCTION LIFT	1/2" X 3" HEAT-TREATED FREE SWINGING W/ SUCTION LIFT	1/2" X 3" HEAT-TREATED FREE SWINGING W/ SUCTION LIFT	1/2" X 3" HEAT-TREATED FREE SWINGING W/ FULL LENGTH SUCTION LIFT	0.5" X 4" HEAT-TREATED FREE SWINGING W/FULL LENGTH SUCTION LIFT
BLADE TIP SPEED	9,982 FT./MIN.	12,478 FT./MIN.	14,974 FT./MIN.	14,955 FT./MIN.	14,380 FT./MIN.
DRIVELINE	ASAE CAT 4 SHEAR BOLT PROTECTION	ASAE CAT 4 SHEAR BOLT PROTECTION	ASAE CAT 4 SHEAR BOLT PROTECTION	HD SLIP CLUTCH PTO W/ ERGONOMIC QUICK COUPLER	HD SLIP CLUTCH PTO W/ ERGONOMIC QUICK COUPLER
DRIVELINE PROTECTION OPTIONS	SHEAR BOLT	SHEAR BOLT	SHEAR BOLT	SLIP CLUTCH	SLIP CLUTCH
TAILWHEEL	15" LAMINATED TIRE	15" LAMINATED TIRE	15" LAMINATED TIRE	15" LAMINATED TIRE	DUAL 15" LAMINATED TIRE
SAFETY GUARDS	OPTIONAL RUBBER FRONT/ METAL REAR	OPTIONAL RUBBER FRONT/ METAL REAR	OPTIONAL RUBBER FRONT/ METAL REAR	FRONT AND REAR CHAIN GUARDS (STANDARD)	FRONT AND REAR CHAIN GUARDS (STANDARD)
SHEAR BOLT	1/2" X 3-1/2" GRD 2 HEX BOLT	1/2" X 3-1/2" GRD 2 HEX BOLT	1/2" X 3-1/2" GRD 2 HEX BOLT	-	-

FINISH MOWERS

Looking for a perfectly-manicured lawn? Look no further than the IDEAL Farm Equipment Finish Mower. This finish mower works best in ankle-deep grass, and includes a free-floating hitch to guarantee the contours of the land don't affect its ability to mow evenly.

DESCRIPTION	STANDARD-DUTY 5' FINISH MOWER	STANDARD-DUTY 6' FINISH MOWER
ITEM #	FM5SDID	FM5SDID
TRACTOR HORSEPOWER REQUIRED	20-60	20-60
APPROX. WEIGHT	628 LBS.	670 LBS.
LENGTH	71"	73"
CUTTING WIDTH	60"	72"
HEIGHT	34"	34"
GEARBOX	CAST IRON HOUSING W/ HEAT-TREATED GEARS	CAST IRON HOUSING W/ HEAT-TREATED GEARS
BLADE SPINDLES	3 CAST IRON HOUSINGS / GREASABLE BEARINGS	3 CAST IRON HOUSINGS / GREASABLE BEARINGS
DISCHARGE	REAR	REAR
CUTTING HEIGHT	.75-5.25" ADJUSTABLE BUSHINGS	.75-5.25" ADJUSTABLE BUSHINGS
PTO SPEED	540 RPM	540 RPM
CASTER WHEEL	10" DIAMETER TIRES X 3.15" WIDE WITH NYLON BUSHING	10" DIAMETER TIRES X 3.15" WIDE WITH NYLON BUSHING
HITCH	CAT 1	CAT 1
QUICK HITCH COMPATIBLE	YES	YES

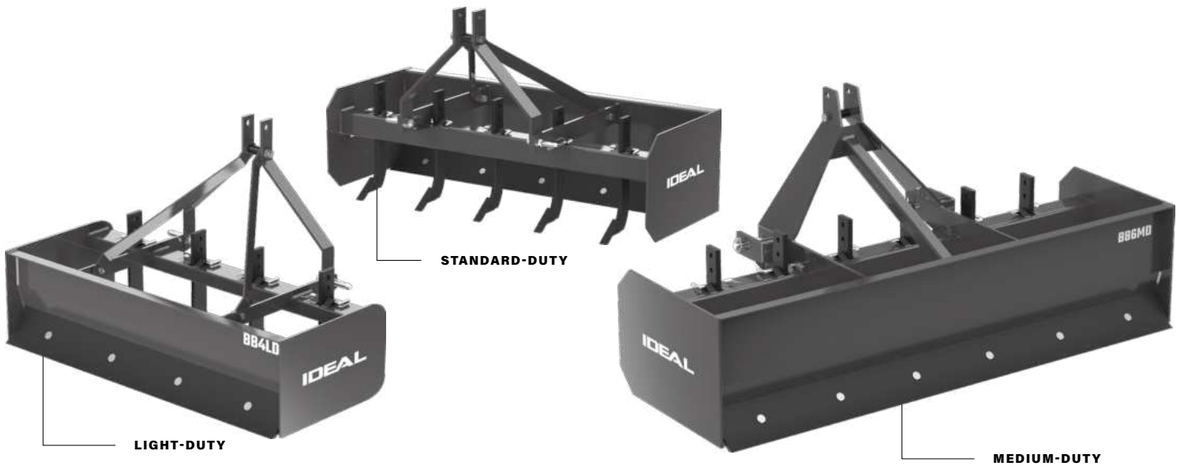
DISC MOWERS

IDEAL Equipment's Disc Mower is the best option for efficiently cutting hay. This implement gives you a clean, even cut over rough ground with no clogging. Each oval shaped disc with two knives gives you maximum overlap and the blades are easy to remove and replace. The mower's design allows the cutter bar to ride evenly over rough terrain.

DESCRIPTION	MEDIUM-DUTY 7' DISC MOWER	MEDIUM-DUTY 8' DISC MOWER	MEDIUM-DUTY 9' DISC MOWER
ITEM #	DM7DMID	DM8DMID	DM9DMID
TRACTOR HORSEPOWER REQUIRED	40-150	45-150	55-150
APPROX. WEIGHT	874 LBS.	975 LBS.	1,144 LBS.
PTO DRIVE	540 RPM	540 RPM	540 RPM
DISC COUNT	5	6	7
KNIVES	10	12	14
CUTTING WIDTH	6'6"	7'9"	9'
HITCH	CAT 1 AND 2	CAT 1 AND 2	CAT 2

BOX BLADES

IDEAL's Box Blades will fit your every need. They're great for work on driveways, potholes, washouts and ruts. The heavy-duty ripper shanks are adjustable to break up even the hardest dry ground. They work in reverse with the same great results.



NEW

DESCRIPTION	LIGHT-DUTY 4' BOX BLADE	STANDARD-DUTY 5' BOX BLADE	STANDARD-DUTY 6' BOX BLADE	MEDIUM-DUTY 6' BOX BLADE	MEDIUM-DUTY 7' BOX BLADE	MEDIUM-DUTY 8' BOX BLADE
ITEM #	BB4LDID	BB5SDID	BB6SDID	BB6MDID	BB7MDID	BB8MDID
TRACTOR HORSEPOWER REQUIRED	15-28	18-35	20-45	20-50	25-65	25-65
APPROX. WEIGHT	245 LBS.	395 LBS.	445 LBS.	459 LBS.	495 LBS.	611 LBS.
WORKING WIDTH	49.25"	60.75"	72.75"	73.5"	85.5"	97"
HEIGHT	31"	34"	34"	34"	34"	34"
HEIGHT OF MOLD BOARD	12.75"	17"	17"	17"	17"	17"
DEPTH OF BUCKET	18"	22"	22"	22"	22"	24"
A-FRAME MATERIAL	0.375" STEEL	0.5" STEEL	0.5" STEEL	0.375" STEEL	0.375" STEEL	0.375" STEEL
HITCH	LIMITED CAT 1	CAT 1	CAT 1	CAT 1	CAT 1	CAT 1
QUICK HITCH COMPATIBLE	YES	YES	YES	YES	YES	YES
CUTTING EDGES	2- 3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	2- 3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	2- 3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	2- 3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	2- 3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	2- 3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)
VERTICAL SHANK POSITION	3 POSITION / AND REMOVABLE (1.5" INCREMENTS FROM 3"- 9" BELOW SIDE PLATES)	4 POSITION (1.5" INCREMENTS FROM 2.7" ABOVE SIDEPLATES TO 1.8" BELOW)	4 POSITION (1.5" INCREMENTS FROM 2.7" ABOVE SIDEPLATES TO 1.8" BELOW)	4 POSITION (1.5" INCREMENTS FROM 2.7" ABOVE SIDEPLATES TO 1.8" BELOW)	4 POSITION (1.5" INCREMENTS FROM 2.7" ABOVE SIDEPLATES TO 1.8" BELOW)	4 POSITION (1.5" INCREMENTS FROM 2.7" ABOVE SIDEPLATES TO 1.8" BELOW)
SHANK BEAM	2"X4" RECTANGLE TUBING 1/4" THICK	4" SQUARE TUBING 1/4" THICK	4" SQUARE TUBING 1/4" THICK	4" SQUARE TUBING 1/4" THICK	4" SQUARE TUBING 1/4" THICK	4" SQUARE TUBING 1/4" THICK
NUMBER OF SHANKS	4	5	6	6	6	7
SIDE PANELS	1/4" THICK	5/16" THICK	5/16" THICK	5/16" THICK	5/16" THICK	5/16" THICK

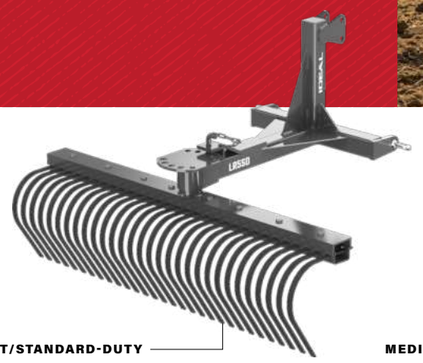
LAND GRADERS

IDEAL's Land Grader is the perfect implement to maintain a gravel driveway or road, smooth over a horse arena or level a garden. With it's two forward-cutting blades: our Land Grader expertly turns, mixes and shifts gravel and dirt.

DESCRIPTION	LIGHT-DUTY 4.5' LAND GRADER	STANDARD-DUTY 5' LAND GRADER	STANDARD-DUTY 6' LAND GRADER	MEDIUM-DUTY 8' LAND GRADER
ITEM NUMBER	LG4.5LDID	LG5SDID	LG6SDID	LG8MDID
WORKING WIDTH	54"	60"	72"	96"
OVERALL WIDTH	58"	65"	76"	100"
OVERALL HEIGHT	33"	35"	35"	35"
OVERALL LENGTH	48"	48"	48"	54"
HEIGHT TO HITCH PINS	14"	16"	16"	16"
APPROX. WEIGHT	278 LBS.	430 LBS.	465 LBS.	582 LBS.
TRACTOR HORSEPOWER	18-30	25-50	35-50	40-90
SIDE PANEL LENGTH	44"	44"	44"	50"
SIDE PANEL HEIGHT	12"	14.5"	14.5"	14.5"
SIDE PANEL THICKNESS	.18" WITH FORMED EDGES	.25" WITH FORMED EDGES	.25" WITH FORMED EDGES	.25" WITH FORMED EDGES
ADJUSTABLE SKID SHOE THICKNESS	.25"	.375"	.375"	.375"
MAIN (FRONT) BEAM	2" X 4" X .25" TUBING	4" X 4" X .25" TUBING	4" X 4" X .25" TUBING	4" X 4" X .25" TUBING
NUMBER OF CUTTING EDGES	2	2	2	2
CUTTING EDGE FEATURES	REVERSIBLE AND REPLACEABLE, .375" X 6" HIGH CARBON HEAT-TREATED BLADES	REVERSIBLE AND REPLACEABLE, .375" X 6" HIGH CARBON HEAT-TREATED BLADES	REVERSIBLE AND REPLACEABLE, .375" X 6" HIGH CARBON HEAT-TREATED BLADES	REVERSIBLE AND REPLACEABLE, .375" X 6" HIGH CARBON HEAT-TREATED BLADES
CUTTING EDGE PLACEMENT	TWO PARALLEL GRADING BLADES POSITIONED AT A 10 DEGREE ANGLE	TWO PARALLEL GRADING BLADES POSITIONED AT A 10 DEGREE ANGLE	TWO PARALLEL GRADING BLADES POSITIONED AT A 10 DEGREE ANGLE	TWO PARALLEL GRADING BLADES POSITIONED AT A 10 DEGREE ANGLE
SKID SHOE ADJUSTMENT	INFINITELY ADJUSTABLE BLADE DEPTH FROM 0 TO -1.5" VIA SKID SHOES	INFINITELY ADJUSTABLE BLADE DEPTH FROM 0 TO -1.5" VIA SKID SHOES	INFINITELY ADJUSTABLE BLADE DEPTH FROM 0 TO -1.5" VIA SKID SHOES	INFINITELY ADJUSTABLE BLADE DEPTH FROM 0 TO -1.5" VIA SKID SHOES
HITCH STYLE	CLEVIS WITH PIN	CLEVIS WITH PIN	CLEVIS WITH PIN	CLEVIS WITH PIN
HITCH CATEGORY	CAT 1 LIMITED	CAT 1	CAT 1	CAT 1 & 2
QUICK HITCH COMPATIBLE	YES	YES	YES	YES CAT 1 & 2

LANDSCAPE RAKES

A versatile and easy to use rake, the IDEAL Farm Equipment Landscape Rake makes raking, smoothing and contouring gravel or soil easy. The curved C-tines protect your field while moving items such as rocks easily. Order an optional wheel kit to set your depth and improve maneuverability.



LIGHT/STANDARD-DUTY

MEDIUM-DUTY

NEW

DESCRIPTION	LIGHT-DUTY 4' LANDSCAPE RAKE	STANDARD-DUTY 5' LANDSCAPE RAKE	STANDARD-DUTY 6' LANDSCAPE RAKE	STANDARD-DUTY 7' LANDSCAPE RAKE	MEDIUM-DUTY 6' LANDSCAPE RAKE	MEDIUM-DUTY 7' LANDSCAPE RAKE	MEDIUM-DUTY 8' LANDSCAPE RAKE
ITEM #	LR4LDID	LR5SDID	LR6SDID	LR7SDID	LR6MDID	LR7MDID	LR8MDID
TRACTOR HORSEPOWER REQUIRED	15-32	19-40	19-45	25-45	20-60	25-65	30-65
APPROX. WEIGHT	175 LBS.	195 LBS.	215 LBS.	238 LBS.	272 LBS.	287 LBS.	324 LBS.
WIDTH	48"	60"	72"	84"	72"	84"	96"
HEIGHT	11"	14.5"	14.5"	14.5"	14.5"	14.5"	14.5"
HITCH	LIMITED CAT 1	CAT 1	CAT 1	CAT 1	CAT 1	CAT 1	CAT 1
QUICK HITCH COMPATIBLE	YES	YES	YES	YES	YES	YES	YES
NUMBER OF TEETH	24	30	36	42	36	42	48
TEETH SPACING	1" GAP	1" GAP	1" GAP	1" GAP	1" GAP	1" GAP	1" GAP
ANGLE AND POSITION	5 FWD / 5 REV UP TO 45 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 45 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 45 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 45 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 30 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 30 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 30 DEGREE RIGHT OR LEFT

OPTIONAL WHEEL KIT AVAILABLE

LRWKID

GRADER BLADES

A go-to for scraping dirt, snow, sand or gravel, IDEAL Farm Equipment's ultra-tough Grader Blade makes quick work of leveling and backfilling. The blades are easily adjustable so you can move material exactly where you need it to go.

LIGHT/STANDARD-DUTY

MEDIUM-DUTY

NEW

DESCRIPTION	LIGHT-DUTY 4' REAR GRADER BLADE	STANDARD-DUTY 5' REAR GRADER BLADE	STANDARD-DUTY 6' REAR GRADER BLADE	STANDARD-DUTY 7' REAR GRADER BLADE	MEDIUM-DUTY 6' REAR GRADER BLADE	MEDIUM-DUTY 7' REAR GRADER BLADE	MEDIUM-DUTY 8' REAR GRADER BLADE
ITEM #	GB4LDID	GB5SDID	GB6SDID	GB7SDID	GB6MDID	GB7MDID	GB8MDID
TRACTOR HORSEPOWER REQUIRED	15-32	20-45	20-45	25-45	20-50	25-65	30-65
APPROX. WEIGHT	178 LBS.	197 LBS.	213 LBS.	232 LBS.	332 LBS.	348 LBS.	380 LBS.
WORKING WIDTH	48"	60"	72"	84"	72"	84"	96"
HEIGHT OF MOLD BOARD	12.5"	15"	15"	15"	15"	15"	15"
MOLD BOARD THICKNESS	0.25"	0.25"	0.25"	0.25"	0.25"	0.25"	0.25"
HITCH	LIMITED CAT 1	CAT 1	CAT 1	CAT 1	CAT 1	CAT 1	CAT 1
QUICK HITCH COMPATIBLE	YES	YES	YES	YES	YES	YES	YES
CUTTING EDGES	3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	3/8" X 6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	3/8"X6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)	3/8"X6" HIGH CARBON HEAT-TREATED BLADES (REPLACEABLE)
ANGLING	5 FWD / 5 REV UP TO 45 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 45 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 45 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 45 DEGREE RIGHT OR LEFT	5 FWD / 5 REV UP TO 30 DEGREE RIGHT OR LEFT + TILT & OFFSET	5 FWD / 5 REV UP TO 30 DEGREE RIGHT OR LEFT + TILT & OFFSET	5 FWD / 5 REV UP TO 30 DEGREE RIGHT OR LEFT + TILT & OFFSET

DISC HARROWS

The IDEAL Farm Equipment Disc Harrows are truly the IDEAL way to get your garden ready to grow. The harrow is quick and versatile. Its heavy-duty steel blades are precisely placed for perfect soil break-up, aerating it nicely prior to planting. This is the best way to prepare your soil for planting.

LIGHT-DUTY

STANDARD-DUTY

MEDIUM-DUTY

DESCRIPTION	LIGHT-DUTY	STANDARD-DUTY 6' DISC HARROW	MEDIUM-DUTY 7' DISC HARROW
ITEM #	DH5LDID	DH6SDID	DH7MDID
TRACTOR HORSEPOWER REQUIRED	18-32	22-40	30-55
IMPLEMENT TYPE	DISC HARROW	DISC HARROW	DISC HARROW
APPROX. WEIGHT	407 LBS.	553 LBS.	846 LBS.
LENGTH	53"	50"	53.5"
CULTIVATION WIDTH	62.5"	75"	85"
HEIGHT	32"	41"	41"
NUMBER OF DISC BLADES	16	20	20
DISC BLADE SPACING	7.5"	7.5"	7.5"
DISC BLADE TYPES	14"X3MM NOTCHED	10- 18", 3MM NOTCHED/10- 18", 3MM SMOOTH	10- 18", 3MM NOTCHED / 10- 18", 3MM SMOOTH
BEARING TYPE	REPLACEABLE SEALED, 2 PER GANG	REPLACEABLE SEALED, 2 PER GANG	REPLACEABLE SEALED, 2 PER GANG
GANG AXLE	2.5-15 DEGREE	2.5-15 DEGREE	2-22 DEGREE FRONT GANG, 11-22 DEGREE REAR GANG
HITCH	CAT 0 SPACING	CAT 1	CAT 1
QUICK HITCH COMPATIBLE	NO	YES	YES

MOLDBOARD PLOWS

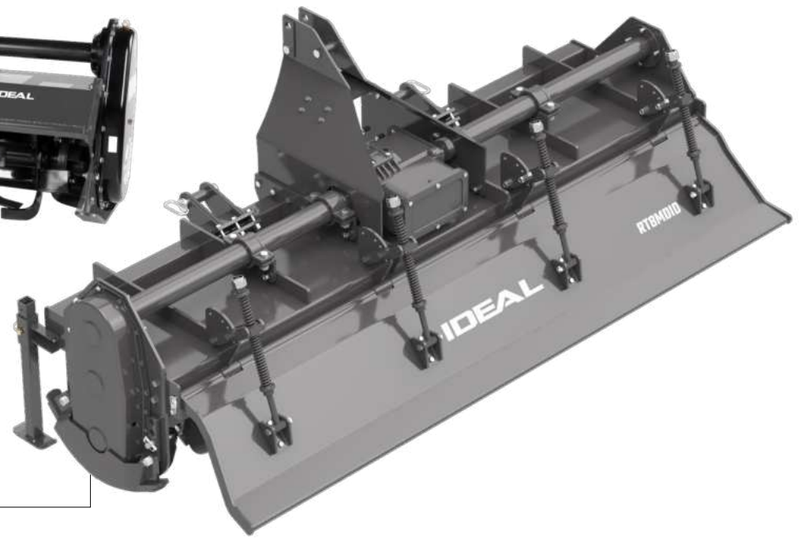
These IDEAL Farm Equipment Moldboard Plows flip and slice the soil, moving residue from past crops to create a nutrient-rich layer of topsoil for a new garden. This helps control insects and weeds as well. These heavy-duty turning plows feature replaceable 14-inch shins and plowshares.

DESCRIPTION	ONE BOTTOM STANDARD DUTY	TWO BOTTOM STANDARD DUTY
ITEM #	MP1SDID	MP2SDID
TRACTOR HORSEPOWER REQUIRED	25-50	25-50
IMPLEMENT TYPE	PLOW	PLOW
APPROX. WEIGHT	256 LBS.	479 LBS.
NUMBER OF MOLD BOARDS	1	2
MOLD BOARD/ TINE DIMENSIONS	14" (W) X 21" (L) X 16" (H)	14" (W) X 21" (L) X 16" (H)
HITCH	CAT 1	CAT 1
QUICK HITCH COMPATIBLE	NO	NO

ROTARY TILLERS

IDEAL Farm Equipment's Rotary Tiller can take on the big jobs, and handle acres of dirt with no worries. This implement boasts thick-steel cutting tines that work hard to break up and mix hardened soil into soft, workable land. The tines can be adjusted to three depth levels, perfect for landscaping, gardening and nurseries.

STANDARD-DUTY



MEDIUM-DUTY

DESCRIPTION	LIGHT-DUTY 4' ROTARY TILLER	STANDARD DUTY 5' ROTARY TILLER	STANDARD-DUTY 6' ROTARY TILLER	NEW STANDARD-DUTY 7' ROTARY TILLER	NEW MEDIUM-DUTY 8' ROTARY TILLER
ITEM #	RT4LDID	RT5SDID	RT6SDID	RT7SDID	RT8MDID
TRACTOR HORSEPOWER REQUIRED	15-35	25-50	30-50	40-50	70-80
APPROX. WEIGHT	470 LBS.	638 LBS.	718 LBS.	800 LBS.	1,322 LBS.
WIDTH	51.5"	64"	76"	89"	
WORKING WIDTH	46.5"	58.75"	70.59"	82.43"	98.4"
MAX. WORKING DEPTH	7"	7"	7"	7"	7"
HITCH	LIMITED CAT 1	CAT 1	CAT 1	CAT 1 &2	
QUICK HITCH COMPATIBLE	YES	YES	YES	YES	
DRIVELINE	540 RPM SLIP CLUTCH PROTECTION	540 RPM SLIP CLUTCH PROTECTION	540 RPM SLIP CLUTCH PROTECTION	540 RPM SLIP CLUTCH PROTECTION	MULTI (4 SPEED) WITH SLIP CLUTCH PROTECTION
ROTOR ROTATION	REVERSIBLE (FWD/ REV)	REVERSIBLE (FWD/ REV)	REVERSIBLE (FWD/ REV)	REVERSIBLE (FWD/ REV)	FWD ONLY
ROTOR SHAFT SPEED	211 RPM @ 540 RPM PTO	211 RPM @ 540 RPM PTO	211 RPM @ 540 RPM PTO	211 RPM @ 540 RPM PTO	
NUMBER OF FLANGES ON ROTOR	6	7	9	10	10
NUMBER OF TINES PER FLANGE	4	6	6	6	6
SKID SHOES	ADJUSTABLE (0.4", 1.4", 2.4")	ADJUSTABLE (0.4", 1.4", 2.4")	ADJUSTABLE (0.4", 1.4", 2.4")	ADJUSTABLE (0.4", 1.4", 2.4")	
TOP GEARBOX CONSTRUCTION	CAST IRON HOUSING, PRECISION FORGED STEEL GEARS	CAST IRON HOUSING, HARDENED STEEL GEARS	CAST IRON HOUSING, HARDENED STEEL GEARS	CAST IRON HOUSING, HARDENED STEEL GEARS	
SIDE GEARBOX CONSTRUCTION	FORMED STEEL HOUSING, HARDENED STEEL GEARS	FORMED STEEL HOUSING, HARDENED STEEL GEARS	FORMED STEEL HOUSING, HARDENED STEEL GEARS	FORMED STEEL HOUSING, HARDENED STEEL GEARS	
GEARBOX LUBRICATION	EP 80-90W GEAR OIL	EP 80-90W GEAR OIL	EP 80-90W GEAR OIL	EP 80-90W GEAR OIL	

MIDDLE BUSTER & SUBSOILER

The IDEAL Farm Equipment Middle Buster is a great time- and labor-saving tool for both plowing and planting. It digs deep to help your garden grow. This buster includes a double-wing cutting blade to cut through even the hardest soil. The subsoiler digs more than a foot deep, so it can break up dense soil, get rid of standing water, and accelerate plant growth.

DESCRIPTION	MIDDLE BUSTER	SUBSOILER	MIDDLE BUSTER SUBSOILER COMBO
ITEM #	FC1SDID	SSSDID	SSLDID
TRACTOR HORSEPOWER REQUIRED	25-45	22-45	17-25
APPROX. WEIGHT	70 LBS.	86 LBS.	35 LBS.
LENGTH	15"	16"	12"
WIDTH	32"	32.5"	27"
HEIGHT	33"	49"	31"
MOLD BOARD/ TINE DIMENSIONS	15"X11" DOUBLE-WING CUTTING BLADE	2.5625"X12" REVERSIBLE RECTANGLE POINT	12"X11" DOUBLE-WING CUTTING BLADE. CAN REPLACE WITH SUBSOILER POINT
HITCH	CAT 1	CAT 1 SPACING	CAT 0 SPACING (CAT 1 PINS INSTALLED)
QUICK HITCH COMPATIBLE	YES	YES	YES

FIELD CULTIVATORS

The IDEAL Farm Equipment Field Cultivators are the ultimate planting and weed-fighting tool. Its steel tines have both reversible and replaceable curved metal tips to break up clumped soil. The staggered rows of tines are adjustable. This is a great tool for small row crops such as tomatoes, peppers and corn, since it can easily tine the soil on both sides of the crop.

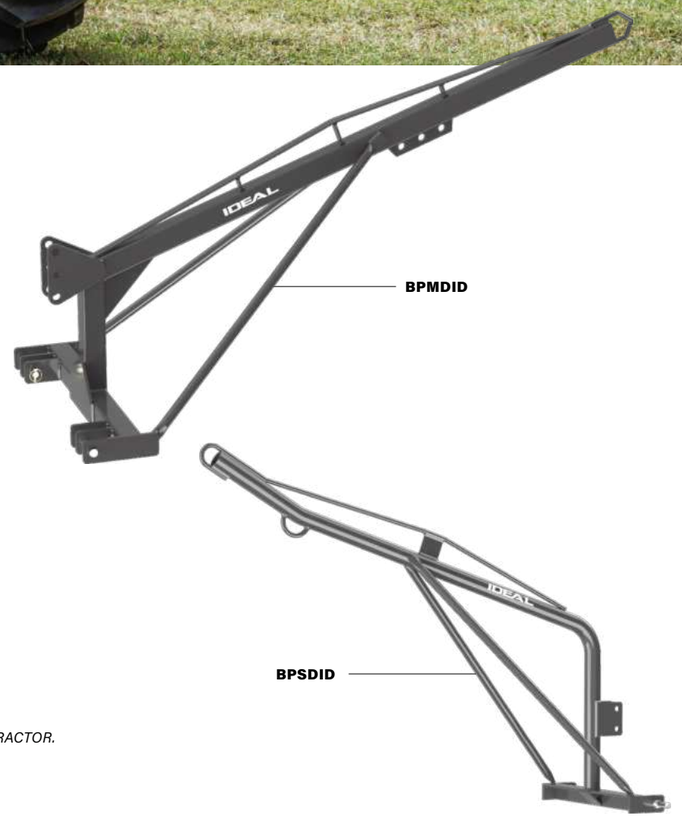
DESCRIPTION	ONE-ROW STANDARD DUTY	THREE-BAR STANDARD DUTY
ITEM #	FC1SDID	FC3SDID
TRACTOR HORSEPOWER REQUIRED	19-45	25-45
APPROX. WEIGHT	139 LBS.	267 LBS.
LENGTH	37"	37.5"
WIDTH	50.5"	73.25"
HEIGHT	36"	39"
HITCH	CAT 1	CAT 1
QUICK HITCH COMPATIBLE	YES	YES

BOOM POLES

Need help with your heavy lifting chores? Save your back with the strength of the IDEAL Farm Equipment Boom Pole. This quick and easy solution for loading items, pulling up fence posts and hauling logs, farm equipment and engines will soon become your new best friend.

DESCRIPTION	STANDARD-DUTY BOOM POLE	MEDIUM-DUTY BOOM POLE
ITEM #	BPSDID	BPMDID
TRACTOR HORSEPOWER REQUIRED	20 MINIMUM	20 MINIMUM
APPROX. WEIGHT	66 LBS.	150 LBS.
LENGTH	85.5"	95"
WIDTH	32"	40"
HEIGHT	25.5"	24.5"
LIFT CAPACITY*	1000 LBS. (REAR LOOP)/ 500 LBS. (FRONT LOOP)	2000 LBS. (REAR POINTS)/ 1000 LBS. (FRONT LOOP)
HITCH	CAT 1	CAT 1 & 2
QUICK HITCH COMPATIBLE	NO	YES
FEATURES	MULTIPLE WELDED LIFTING LOOPS	HD CATEGORY 1 AND 2 HITCH PINS, MULTIPLE WELDED LIFTING POINTS

*IMPLEMENT CAPACITY ONLY. DO NOT EXCEED LIFT CAPACITY OF TRACTOR.



CARRY ALL

Heavy feed bags, sod and equipment can be difficult to move. The IDEAL Farm Equipment Carry All excels at moving these objects and more. Pre-drilled holes mean you can easily attach a platform to load up large and unwieldy items.

DESCRIPTION	CARRY ALL STANDARD DUTY
ITEM #	CASDID
TRACTOR HORSEPOWER REQUIRED	20 MINIMUM
APPROX. WEIGHT	86 LBS.
LIFT CAPACITY	1,000 LBS.
LENGTH	36"
WIDTH	33"
HEIGHT	36"
HITCH	CAT 1
QUICK HITCH COMPATIBLE	YES

*IMPLEMENT CAPACITY ONLY. DO NOT EXCEED LIFT CAPACITY OF TRACTOR.

TRAILER MOVER

For easy hook-up and go, the IDEAL Farm Equipment Trailer Mover is all you need. It hauls wagons and trailers up to 3,000 pounds. With a 2-5/16" ball on top for gooseneck trailers and a two-inch receiver on the bottom, this is the perfect tool for all types of trailers.

DESCRIPTION	TRAILER MOVER STANDARD DUTY
ITEM #	TMSDID
LIFT CAPACITY	3,000 LBS.
APPROXIMATE WEIGHT	47 LBS.
HEIGHT	28"
WIDTH	33"
LENGTH	8.25"
HITCH	CAT 1
QUICK HITCH COMPATIBLE	YES
FEATURES	2-5/16" GOOSENECK BALL INCLUDED, 2" RECEIVER FOR STANDARD PULL TYPE TRAILER

**IMPLEMENT CAPACITY ONLY. DO NOT EXCEED LIFT CAPACITY OF TRACTOR.*

FERTILIZER SPREADERS

The IDEAL Fertilizer Spreader and Seeder is equipped with a seamless, 1-piece hopper that holds 850 lb. for the metal tub, or 500 lb. for the poly tub. The reversible lift arm pins accommodate different size tractors, and a PTO driven spin broadcast with super-treated spreading disc ensure an even and consistent spread.

DESCRIPTION	STANDARD-DUTY FERTILIZER SPREADER & SEEDER	STANDARD-DUTY POLY TUB FERTILIZER SPREADER & SEEDER
ITEM #	FSID	PFSID
TRACTOR HORSEPOWER REQUIRED	24 MINIMUM	18 MINIMUM
EMPTY UNIT WEIGHT	135 LBS.	75 LBS.
TUB CAPACITY	850 LBS.	500 LBS.
TUB DIAMETER	40"	37"
HEIGHT	42"	36"
MAJOR CONSTRUCTION	STEEL TUBING FRAME, FORMED METAL TUB	STEEL TUBING FRAME, POLYMER MOLDED TUB
SPREADING RANGE	1685 LBS./13 ACRE	1686 LBS./13 ACRE
SPREADING MEDIA	FERTILIZER / SEED	FERTILIZER / SEED
SPREADING WIDTH	12'-60'	12'-60'
OPERATING SPEED	2.5-8 MPH	2.5-8 MPH
HITCH	CAT 1	CAT 1
QUICK HITCH COMPATIBLE	NO	NO
AGITATOR	OPTIONAL	OPTIONAL

WIRE UNROLLER

Trouble on the fence line is not uncommon on a farm. Whether your herd took down a section of fence, or you need to extend a paddock into additional space, IDEAL Equipment's UTV Wire Unroller makes it easy. Our Wire Unroller holds various wire sizes, and is the quickest, most cost-effective way to quickly unroll that fence wire you are repairing or replacing.

DESCRIPTION	UTV WIRE UNROLLER 2" RECEIVER	UTV WIRE UNROLLER
ITEM #	UWU2ID	UWUID
IMPLEMENT TYPE	WIRE UNROLLER	WIRE UNROLLER
APPROX. WEIGHT	26 LBS.	32 LBS.
LENGTH	23"	25"
HEIGHT	12"	12"
WIDTH	24"	24"
QUICK HITCH COMPATIBLE	NO	NO

WIRE FENCE STRETCHER

IDEAL Farm Equipment's Wire Stretcher unrolls, stretches and holds wire fencing up to 62 inches tall. Even better – it only takes one person to set up and use this Wire Stretcher. And there's no need to worry about tangling!

DESCRIPTION	WIRE STRETCHER STANDARD DUTY
ITEM #	WSSDID
APPROX. WEIGHT	183 LBS.
LENGTH	45"
WIDTH	32"
HEIGHT	71"
HITCH	CAT 1
QUICK HITCH COMPATIBLE	NO
FRAME MATERIAL	3X1.375" STEEL CHANNEL
WIRE ROLL CAPACITY	62" TALL X 24" DIAMETER

HAY FORKS

The Standard-Duty Hay Fork effortlessly lifts large round hay bales weighing up to 1,500 pounds*, thanks to its heat-treated upper spear and welded stabilizer bars that offer additional support. Meanwhile, the Medium-Duty Hay Fork swiftly handles 2,000-pound loads* with its heat-treated upper spear and lower welded stabilizer bars, ensuring a secure hold throughout the lifting and moving process.

HF1SDID

HF1MDID

DESCRIPTION	STANDARD-DUTY HAY FORK	MEDIUM-DUTY HAY FORK
ITEM #	HF1SDID	HF1MDID
LIFT CAPACITY	1,500 LBS.	2,000 LBS.
APPROXIMATE WEIGHT	64 LBS.	98 LBS.
SPEAR OVERALL LENGTH	48.75"	48.75"
SPEAR DIAMETER	1.8" TAPERED	1.8" TAPERED
HITCH	CAT 1	CAT 1 AND 2
QUICK HITCH COMPATIBLE	YES	YES
NUMBER OF SPIKES	1 MAIN / 2 STABILIZER	1 MAIN / 2 STABILIZER
STABILIZER SPIKE	2 - 1.25" DIAMETER WELDED	2 - 1.25" DIAMETER WELDED

IMPLEMENT CAPACITY ONLY. DO NOT EXCEED LIFT CAPACITY OF TRACTOR.

HAY SPEARS

IDEAL Equipment offers two front-attach hay spears for large hay bales. The Bucket Single Spear lifts a ton with a single bolt mounting, stabilizing up to 2,000* pounds. The Front Single Spear handles 2,000-pound round bales with replaceable stabilizer bars and a heat-treated spear, designed for lasting use on farms and ranches.

HFF1ID

HFB1ID

DESCRIPTION	FRONT SINGLE SPEAR	BUCKET SINGLE SPEAR
ITEM #	HFF1ID	HFB1ID
ROUND BALE CAPACITY	2,000 LBS.	2,000 LBS.
APPROX. WEIGHT	167 LBS.	68 LBS.
SPEAR LENGTH	48.75"	48.75"
SPEAR DIAMETER	1.8" TAPERED	1.8" TAPERED
NUMBER OF SPIKES	1 MAIN / 2 STABILIZER	1 MAIN / 2 STABILIZER
STABILIZER SPIKE	2-1.25 DIAMETER REPLACEABLE	2-1.25 DIAMETER WELDED
ATTACHMENT	UNIVERSAL QUICK-ATTATCH	BOLTS TO BUCKET

IMPLEMENT CAPACITY ONLY. DO NOT EXCEED LIFT CAPACITY OF TRACTOR.

PALLET FORK

Need to move firewood, fence posts, lumber, logs or heavy hay bales? IDEAL Equipment's Pallet Fork is a quick attach implement that works great on compatible tractors and skid steer loaders. Hook up to the front of your tractor and you've got lifting power like no other. It will also solve your heavy-lifting problems quickly, and doubles as a helper for clearing brush and debris on your farm.

DESCRIPTION	PALLET FORK, 3,000LB 42"
ITEM #	PF342ID
APPROX. WEIGHT	368 LBS.
LENGTH	48"
HEIGHT	34.5"
WIDTH	45.5"
LIFT CAPACITY	3,000 LBS.
FORK LENGTH	42"
FORK CROSS SECTION	1.25" X 4" ITA HEAT-TREATED
HITCH	UNIVERSAL QUICK-ATTACH

**IMPLEMENT CAPACITY ONLY. DO NOT EXCEED LIFT CAPACITY OF TRACTOR.*

SHOWN WITH OPTIONAL BACK DRAG KIT

SNOW PUSHERS

IDEAL's Front Attach Snow Pusher clears out an area faster than a snow plow. This implement efficiently and evenly pushes snow straight ahead in any environment without missing a spot. There's no need to worry about damaging the pavement with the pusher's 8" replaceable and adjustable rubber cutting edge guards. The optional back drag kit allows you to get in tight spots and pull snow away. Compatible with front-end loaders, skid steers, and compact track loaders.

DESCRIPTION	SNOW PUSHER 6' STANDARD DUTY	SNOW PUSHER 7' STANDARD DUTY	SNOW PUSHER 8' STANDARD DUTY
ITEM #	SP6SDID	SP7SDID	SP8SDID
SKID STEER HORSEPOWER	30-60	35-80	40-80
TRACTOR HORSEPOWER	30-75	45-90	55-100
HITCH	UNIVERSAL QUICK-ATTACH	UNIVERSAL QUICK-ATTACH	UNIVERSAL QUICK-ATTACH
WEIGHT	448 LBS.	568 LBS.	605 LBS.
WORKING WIDTH	69"	79"	91"
MOLD BOARD HEIGHT	30"	37"	37"
MOLD BOARD THICKNESS	10 GAUGE ROLLED STEEL	10 GAUGE ROLLED STEEL	10 GAUGE ROLLED STEEL
SIDE PANELS	1/4" X 31" X 33" REINFORCED STEEL	1/4" X 38" X 39" REINFORCED STEEL	1/4" X 38" X 39" REINFORCED STEEL
WEAR EDGE	1.5" X 8" RUBBER (REPLACEABLE)	1.5" X 8" RUBBER (REPLACEABLE)	1.5" X 8" RUBBER (REPLACEABLE)
SKID SHOES	1/4" FORMED STEEL (REPLACEABLE)	3/8" GRADE 50 FORMED STEEL (REPLACEABLE)	3/8" GRADE 50 FORMED STEEL (REPLACEABLE)

DESCRIPTION	6' BACK DRAG KIT	7' BACK DRAG KIT	8' BACK DRAG KIT
ITEM #	SP6BDK	SP7BDK	SP8BDK
WEIGHT	145 LBS	230 LBS	267 LBS
HEIGHT	13.58"	13.625"	13.625"
LENGTH	17.47"	18.875"	18.875"
WIDTH	69.8"	80.25"	92.25"

BUCKET RAKE

If you’re looking to remove rocks or brush, this rake picks it out easily and perfectly. Use it with your loader, tractor, skid steer or anything that has a bucket to remove everything from roots and small trees to brush and rocks. This works like magic to prepare a garden, clear a field or work on driveways. Available in 52” or 68” size, and includes the steel cables and ratchet straps you’ll need to attach it

DESCRIPTION	52" BUCKET RAKE	68" BUCKET RAKE
ITEM #	BR52SDID	BR68SDID
APPROX. WEIGHT	83 LBS.	100 LBS.
LENGTH	52"	68"
HEIGHT	8"	8"
WIDTH	10"	10"
TOP TEETH	4" X 4.75"	4" X 4.75"
BOTTOM TEETH	1.25" X 2.5"	1.25" X 2.5"
CONSTRUCTION	1/2" GRADE 50 LASER CUT STEEL	1/2" GRADE 50 LASER CUT STEEL
HARDWARE	HEAVY-DUTY RATCHET STRAPS AND STEEL CABLES	HEAVY-DUTY RATCHET STRAPS AND STEEL CABLES
QUICK HITCH COMPATIBLE	NO	NO

MANURE SPREADER

This is the perfect solution for small horse farm owners. IDEAL Equipment’s UTV Manure Spreader is sturdy and dependable. With a 12 cubic foot capacity, this spreader attaches to any ATV, UTV or small tractor with ease. Simply flip the lever on the chain-driven agitator system when you’re ready to spread. The steel frame and extruded aluminum drum are designed for longevity and reliability.

DESCRIPTION	UTV MANURE SPREADER
ITEM #	UMS10ID
APPROX. WEIGHT	207 LBS.
LENGTH	76"
WIDTH	49"
HEIGHT	28"
CAPACITY	12 CUBIC FEET, APPROX. 10 BUSHELS
HITCH	STANDARD ½” PIN
QUICK HITCH COMPATIBLE	NO
CONSTRUCTION	1-1/2”SQ. X 3/16”STEEL TUBULAR FRAME AND 1/8” STEEL HOPPER
TIRES	TRACTOR TREAD SOLID TIRES
AGITATOR	CHAIN DRIVEN STEEL AGITATOR
SPREADING DRUM	1PC. EXTRUDED ALUMINUM W/ SPREADING VANES

DISC CULTIPACKER

This is your all-in-one soil implement combo for UTVs, ATV's and even small tractors. With IDEAL Equipment's UTV Disc/Cultipacker Combo, you'll have a garden ready to grow in no time. This implement has an eight-blade tillage disc and an adjustable cultipacker, giving you versatility and options as you prepare your soil and start seeding. The two-way ratchet gives you leeway to adjust height based on the weight of the load.

DESCRIPTION	UTV DISC/CULTIPACKER COMBO 5'
ITEM #	UDC5ID
APPROXIMATE WEIGHT	711 LBS.
HEIGHT	34"
WIDTH	76"
WORKING WIDTH	48"
LENGTH	93"
HITCH	REQUIRES A 2" BALL FOR HOOKUP
QUICK HITCH COMPATIBLE	NO
DISC BLADES	ADJUSTABLE 16", 3.175 MM NOTCHED
NUMBER OF DISC BLADES	8
DISC BLADE SPACING	7.5"
DISC AXLE BEARING TYPE	REPLACEABLE SEALED, 2 PER GANG
NUMBER OF GANGS	2
GANG TUBE	2X2 SQUARE TUBING
GANG ANGLE	4 HOLE ADJUSTMENT (0, 7.5, 15, 22.5 DEGREES)
CULTI-PACKER WHEELS	22
CULTI-PACKER BEARINGS	2

UTV DISC HARROW

IDEAL Equipment's UTV Disc Harrow is one of the most useful garden implements you'll ever own. Perfect for tilling the soil for a garden, or to chop up unwanted weeds and old crops, this Disc Harrow attaches to UTVs, ATVs and small tractors with a simple 2" ball hookup. The 16" blades are adjustable and cut deep even in tough soil. You'll have four feet of cutting width, and can easily adjust the wheel height with a ratchet.

DESCRIPTION	UTV DISC HARROW 5'
ITEM #	UDH5ID
APPROX. WEIGHT	430 LBS.
LENGTH	61"
WIDTH	76"
HEIGHT	30"
WORKING WIDTH	48"
HITCH	REQUIRES A 2" BALL FOR HOOKUP
QUICK HITCH COMPATIBLE	NO
NUMBER OF DISC BLADES	8
DISC BLADES	ADJUSTABLE 16", 3.175 MM NOTCHED
DISC BLADE SPACING	7.5"
NUMBER OF GANGS	2
DISC AXLE BEARING TYPE	REPLACEABLE SEALED, 2 PER GANG
GANG TUBE	2X2 SQUARE TUBING
GANG ANGLE	4 HOLE ADJUSTMENT (0, 7.5, 15, 22.5 DEGREES)

FLIP DISC

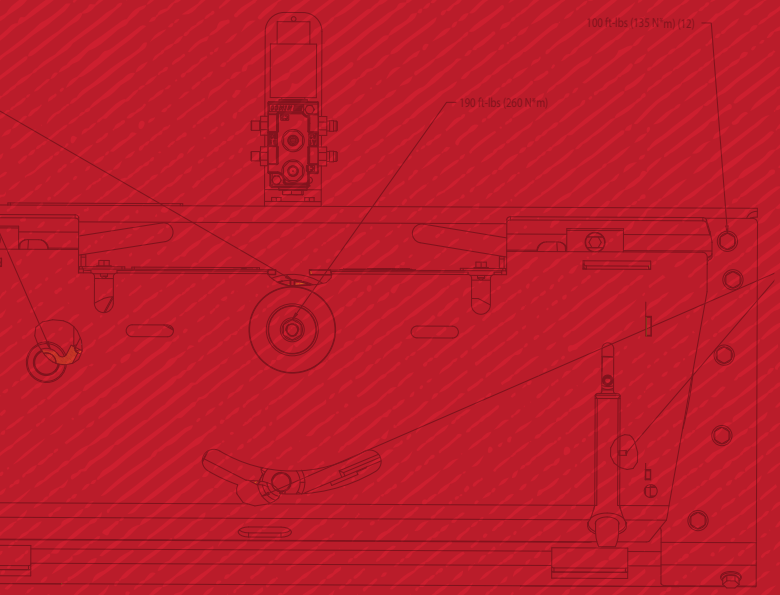
IDEAL Equipment's Flip Disc is an 8-blade tilling dream. It's easy to use with your UTV or small tractor. With 16-inch blades and a 20-degree cutting angle, it's one of the most efficient ways to prep your garden or small plot in very little time – plus digging deeper is simple, just weight the solid steel top bracket and go. You'll cover 55 inches with each pass. A simple hitch allows you to flip over for quick transport on the wheel side.

DESCRIPTION	UTV FLIP DISC 5'
ITEM #	UFD5ID
APPROX. WEIGHT	231 LBS.
LENGTH	62"
WIDTH	54.62"
HEIGHT	29.5"
HITCH	CLEVIS PIN
QUICK HITCH COMPATIBLE	NO
WORKING WIDTH	54"
DISC BLADES	16", 3.175 MM NOTCHED
DISC BLADE SPACING	7"
DISC AXLE BEARING TYPE	REPLACEABLE SEALED, 2 PER GANG
NUMBER OF DISC BLADES	8
NUMBER OF GANGS	2
GANG AXLE	20 DEGREE
TIRES	4.10"-6"

FERTILIZER SPREADER

This lightweight, easy-to-pull spreader will send seed, feed, fertilizer and/or other free-flowing material up to 20 feet across your garden or field. You can load up to five bushels (300) pounds in the spreader, allowing you to cover nearly 65,000 square feet in one run. This implement's adjustable flow window and easy-to-read spreading chart ensures you're dispensing just the right amount of fertilizer.

DESCRIPTION	UTV FERTILIZER SPREADER
ITEM #	UFSID
APPROX. WEIGHT	166 LBS.
HOPPER WIDTH	35"
WIDTH (OUTSIDE WHEEL TO OUTSIDE WHEEL)	42.5"
LOADING HEIGHT	51"
BALL HITCH	2"
HITCH	REQUIRES A 2" BALL FOR HOOKUP
QUICK HITCH COMPATIBLE	NO
TIRES	16" X 6.50-8"



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