



BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR AGRICULTURE, LIGHT INDUSTRIAL & MUNICIPAL USE

HOW TO CHOOSE THE RIGHT BOOM MOWER FOR YOUR NEEDS



T350S



T350SI



T250A - T320A



T380D-T430D-T430DR



T460



TM



TP



TST



TXV



TSKID



TSKQ



SIMPLY. THE MOWER

HOW TO CHOOSE THE RIGHT BOOM MOWERS FOR YOUR NEEDS

		TRACTORS HP												
Models		20	25	30	35	40	50	60	70	80	90	100	110	120
Ferri range for USA	T250A		██████████											
	T320A		██████████											
	T380D					██████████								
	T430D						██████████							
	T460						██████████							
	TM46						██████████							
	TP490							██████████						
	TP600								██████████					
	TST50										██████████			
	TXV50									██████████				
	TXV60										██████████			

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				up to 2" 1/4"
		shrubs				
		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		-	-	-	04
T350SI	11'10"	15 - 50	 	-	-	-	06
T250A - T320A	8'3" - 10'7"	20 - 40	 		-	-	08
T380D - T430D	12'7" - 14'2"	40 - 70	 			-	10
T460	15'1"	50-70				-	10
TM	18' - 21'6"	50 - 70	 			-	12
TP	15'9" - 19'5"	60-90	 			-	16
TST	19'9"	90 - 110				-	18
TXV Vision Energy	15'5" - 20'6"	80 - 110				-	20

Model.	min  max m	min HP max	Cutting flails			Page
TSKID	7'1" - 7'8"	55 - 100			-	22
TSKQ/F	5'3" - 5'11"	70 - 120		-	-	24
TSKQ/A	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.



FERRI[®]

SIMPLY. THE MOWER

T350S

HP 8 available cutter bar

**BOOM MOWERS WITH HEDGES CUTTERBAR
FOR GREEN AREA MAINTENANCE**



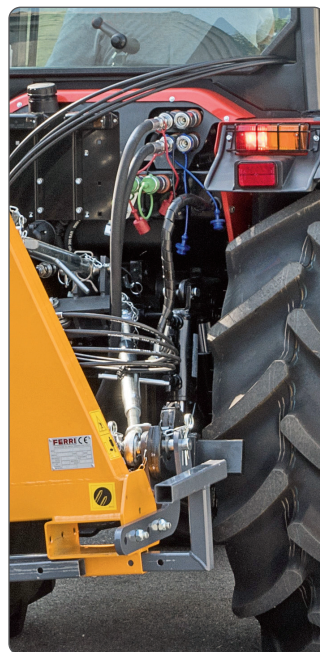
Left hand operation



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.



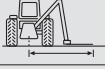




Arms with circular section H.T.R. (High Torsion Resistance).

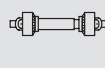





Cutter bar for hedges CS150.

BOOM MOWERS & HEDGES CUTTERBAR

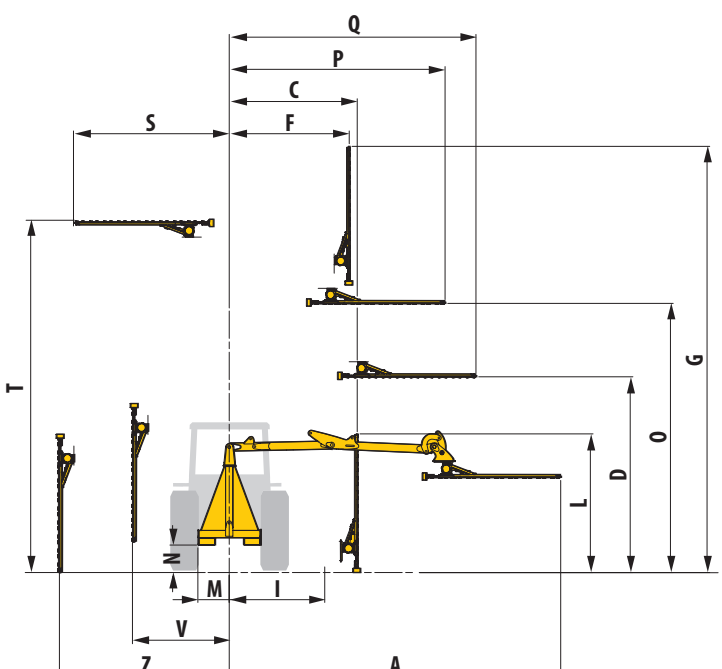
TECHNICAL DATA

Model			min  max		
	ft	ft	HP	ft	lb
T350S	11'10"	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"



Equipped with:

- 3 point ISO universal linkage CAT 1 and 2.

- Dependent 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.

FLAILS

Model	CS 150			
		in	lb	Ø Max in
Cutter bar for hedges		4.92	110	1/2"

FERRI®

SIMPLY. THE MOWER

T350SI

HP 10 available cutter bar

BOOM MOWERS WITH HEDGES CUTTERBAR FOR GREEN AREA MAINTENANCE



Left hand operation



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 equipped 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).

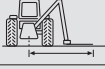






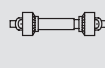



Cutter bar for hedges CS150.



BOOM MOWERS & HEDGES CUTTERBAR

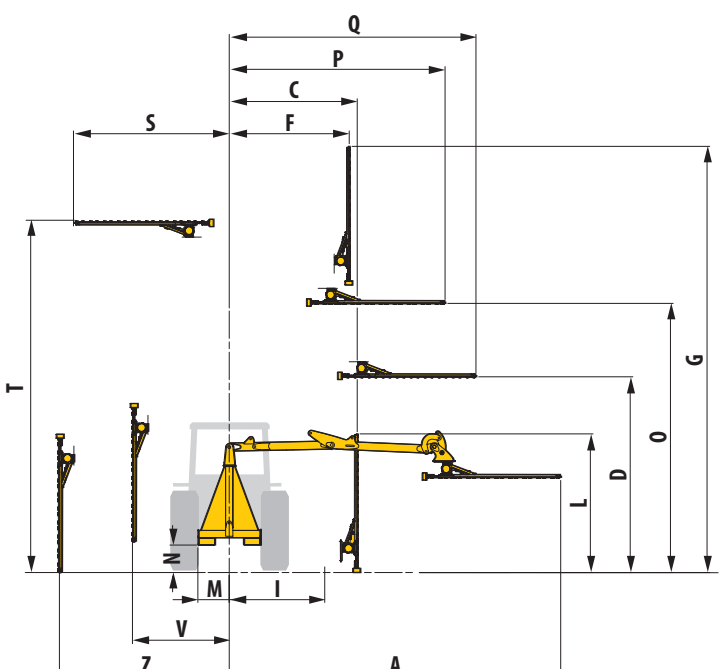
TECHNICAL DATA

Model			min  max		
	ft	ft	HP	ft	lb
T350SI	11'10"	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"



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 hydraulic pumps 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.

FLAILS

Model	CS 150 S2			 Ø Max
		in	lb	in
Cutter bar for hedges		4.92	110	1/2"



SIMPLY. THE MOWER

T250A

T320A

T320A/R

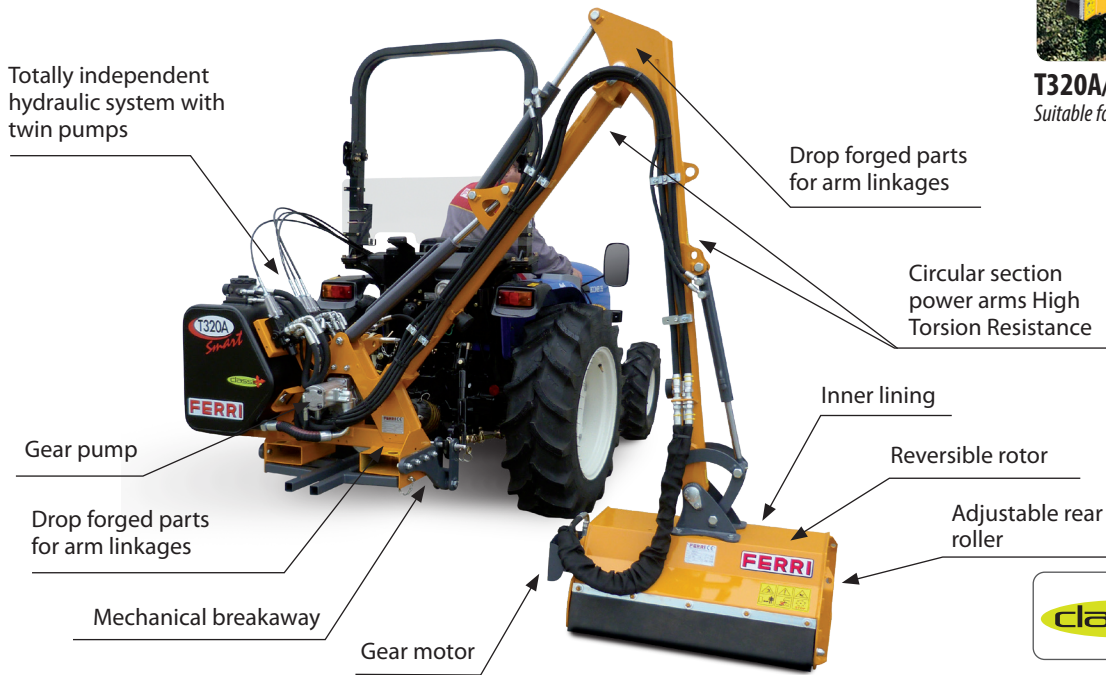
HP 20 available to the rotor
HP 31 max to hydraulic motor

BOOM MOWERS FOR AGRICULTURE AND LIGHT GREEN MAINTENANCE



T320A/R

Suitable for tractors with reversible drive.



Totally independent hydraulic system with twin pumps

Drop forged parts for arm linkages

Circular section power arms High Torsion Resistance

Gear pump

Inner lining

Reversible rotor

Drop forged parts for arm linkages

Adjustable rear roller

Mechanical breakaway

Gear motor



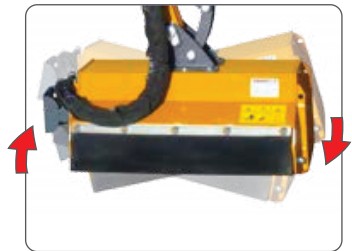
The new series of hydraulic flail mowers T250A, T320A and T320A/R for reversible drive, is the result of extensive design changes that has improved functionality and performance. These new models are particularly suitable as entry-level range for the market dedicated to farms of medium size and to maintenance 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).



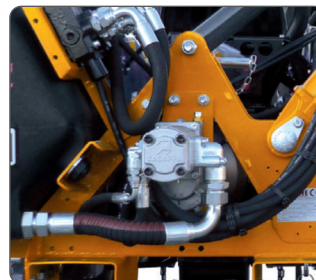
Drop forged parts for arm linkages.



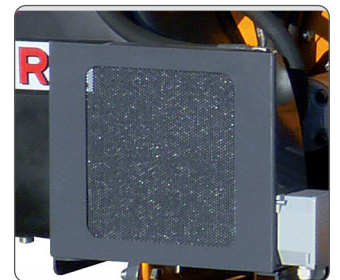
Floating head system.



Adjustable rear roller.



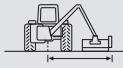




Aluminium rotor drive hydraulic pump.

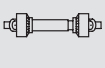







Oil cooler with thermostat (option).

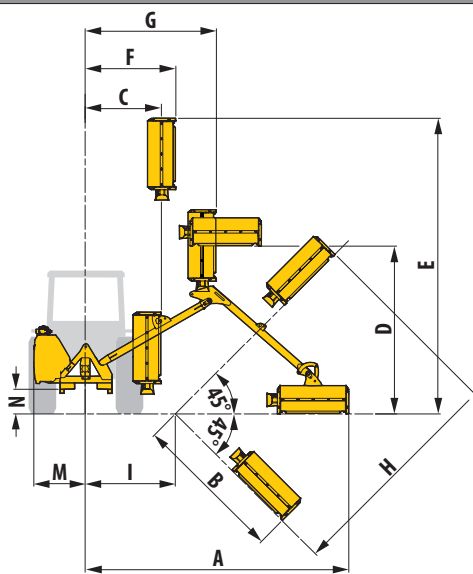
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR COMPACT TRACTORS

TECHNICAL DATA

Model						
	ft	TME60	TME80	HP	MIN ft	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	T320A
	ft	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.

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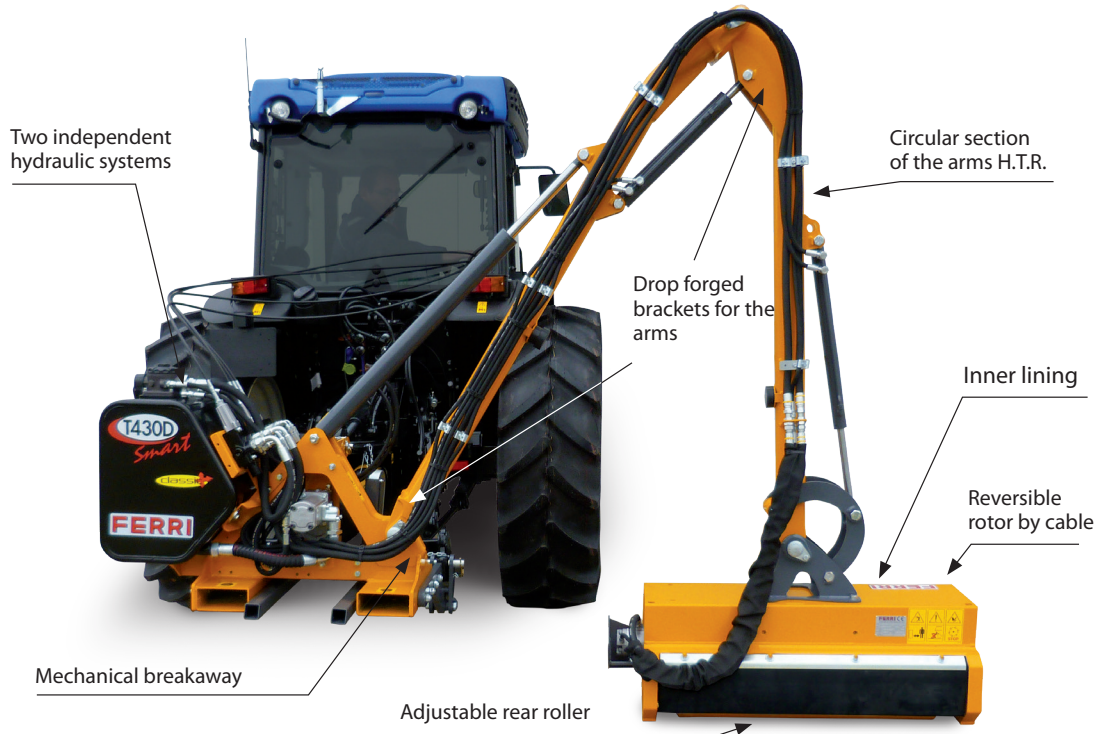
T380D

T430D

T430DR

HP 20 available to the rotor
HP 31 max to hydraulic motor

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.



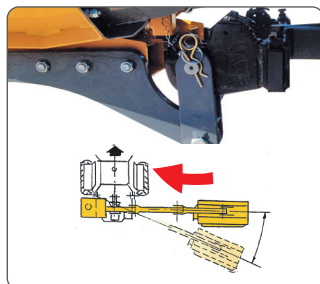
Drop forged parts.



Circular section of the arms H.T.R. (High Torsion Resistance).



Floating head system.



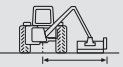




Mechanical breakaway (arm protection in case of obstacles).

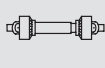







Oil cooler with thermostat (option).

BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

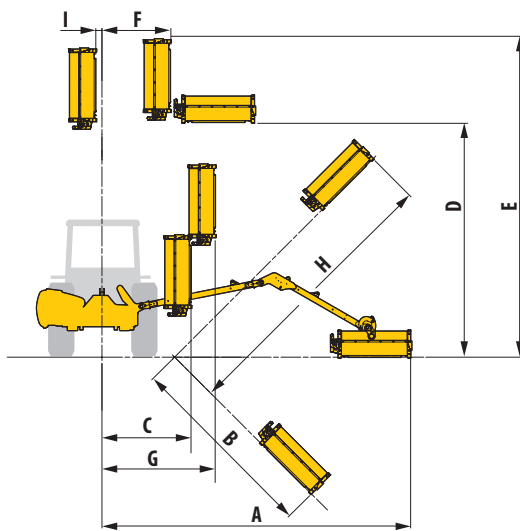
TECHNICAL DATA

Model	 ft	 ft	 min max HP	 MIN ft	 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		T380D	T430D	T430DR	 Ø in
	Interchangeable on the same rotor			No.	No.	
0901158+ 0901159	Multi-use and straight blades 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.

**BOOM MOWERS FOR AGRICULTURE
AND GREEN AREAS**



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.



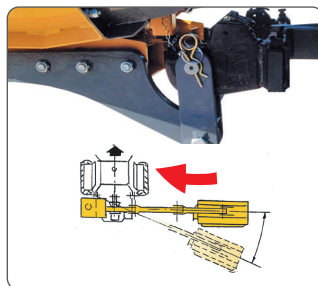
Drop forged parts.



Floating head system.



Group 3 cast iron hydraulic rotor pump.



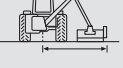




Mechanical breakaway (arm protection in case of obstacles).

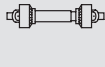







Oil cooler with thermostat (option).

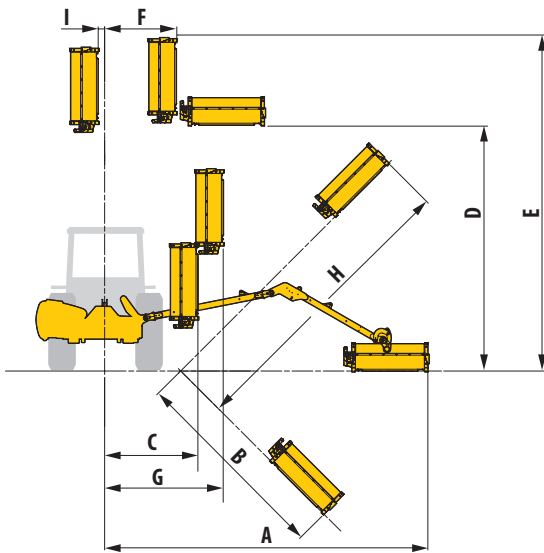
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model			min  max		
	ft	ft	HP	ft	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		T460	
	Interchangeable on the same rotor		No.	∅ in
0901158+ 0901159	Multi-use and straight blades 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 tractor.
- Delta yoke for stabilizers.
- Stabilizers for Delta yoke
- Top link.
- Oil cooler with thermostat.
- Lift float.
- Bumpers with illumination system.

BOOM MOWERS FOR AGRICULTURE AND GREEN AREAS



The term "multifunctionality" is the most appropriate for the TM hydraulic reach mower series.

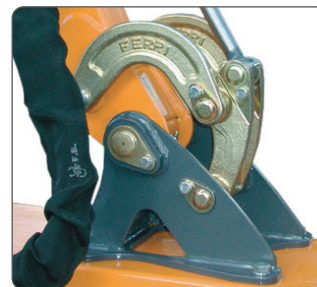
Thanks to a maximum horizontal reach of 14.76 ft, TM46 model is widely used in landscaping and grounds maintenance care.

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.



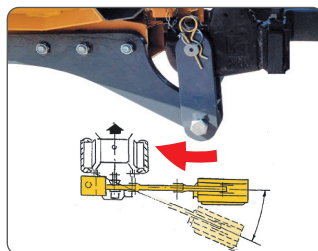
Drop forged brackets for the arms.



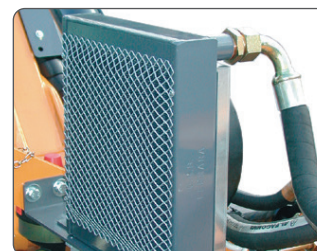
Drop forged lever for flail head rotation.



Floating head system.



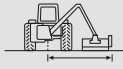




Mechanical breakaway (arm protection in case of obstacles).

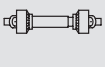







Oil cooler with thermostat (option).

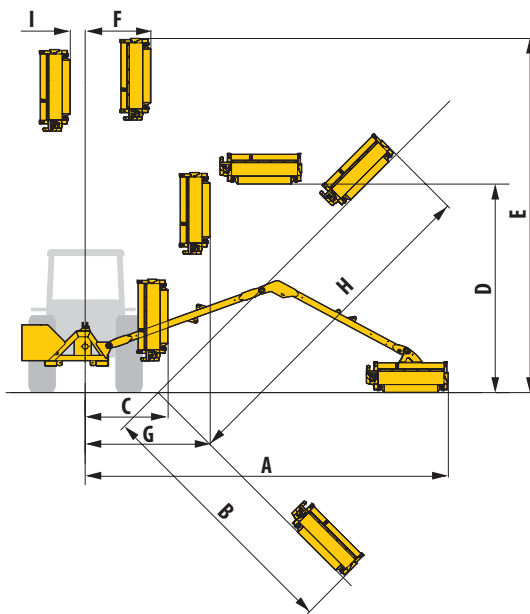
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model			min  max		
	ft	ft	HP	ft	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"

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.





FLAIL HEAD

T1 120
Direct drive



Model	
	lbs
T1 120	463

FLAILS

Cod.	Model		TM46	
	Interchangeable on the same rotor		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"

In the flailhead section: Interchangeable implements, special functions and technical information.

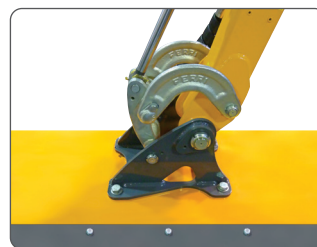
BOOM MOWERS FOR AGRICULTURE AND GREEN AREAS



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.



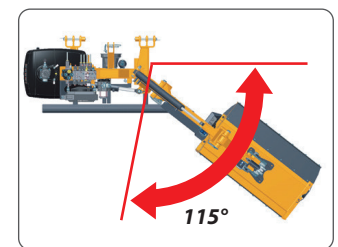
Floating head system.



New design bolt on and pressurized oil tank (Classic).








New design bolt on and pressurized oil tank with hinged cover to protect the hydraulic distributor (EG-Tronic).

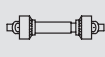







Hydraulic breakaway on power slew ram with maximum pressure valve (protects arms in the event of obstacles).

BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

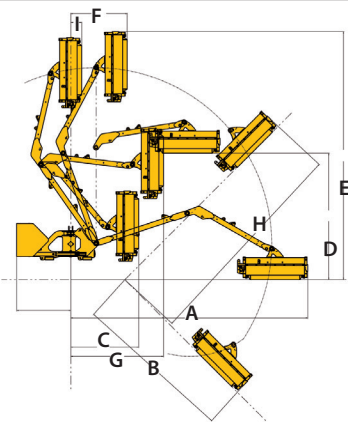
TECHNICAL DATA

Model					
	ft	ft	HP	ft	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	190°	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"


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.





FLAIL HEAD

TI 120
Direct drive

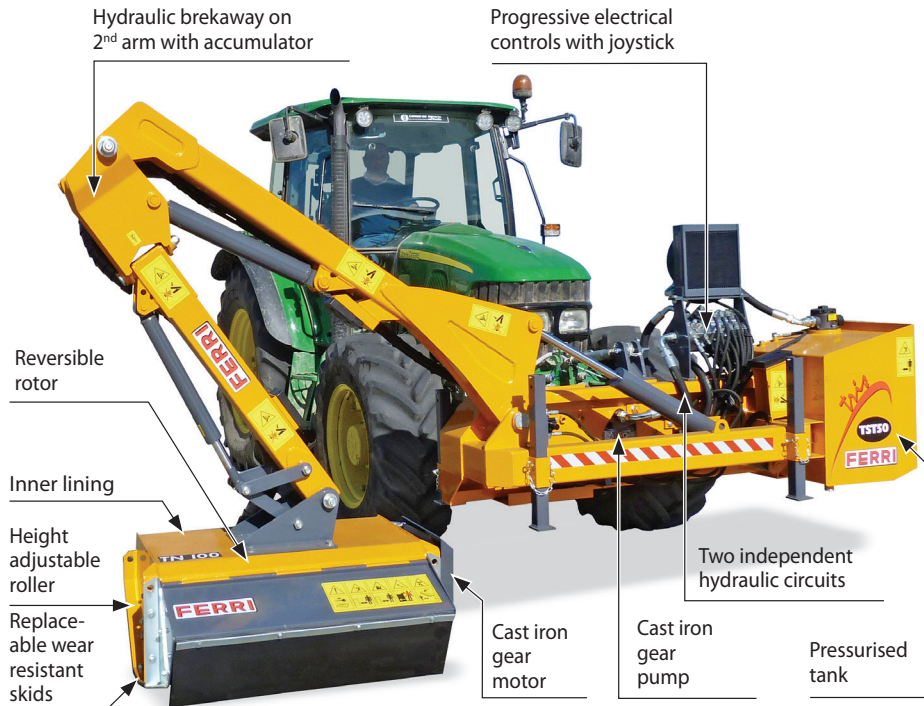


Model	
	lbs
TI 120	463

FLAILS

Cod.	Model		TP490	TP600	
	Interchangeable on the same rotor		No.	No.	
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"

HYDRAULIC REACH MOWERS FOR TRACTORS WITH REVERSIBLE DRIVING POSITION OR FRONT POWER LIFT AND PTO



Total visibility both when in operation and during transport



The TST50 hydraulic reach mowers, were developed 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.

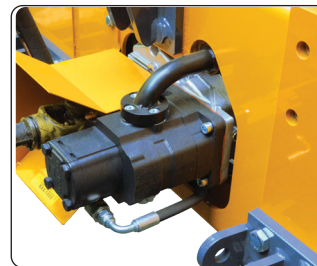
The design of the arm allows the operator to fold it in a compact way to allow greater visibility for the operator during transfers.

Equipped with a hydraulic break back system on the second arm, the TST50 model is also equipped with an automatic anti-tilting device.

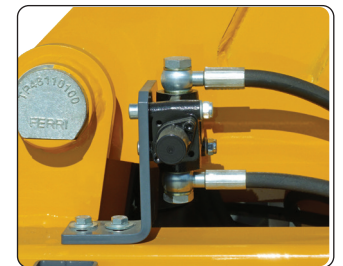
The TST50 is also equipped with an oilcooler, which allows for greater operational efficiency.



Road transport position.



Gear pump.



Single acting- double acting automatic switch.



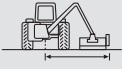




Lift float nitrogen accumulator.

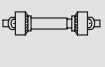







Hydraulic breakaway on second arm with accumulator controlled autoreset facility.

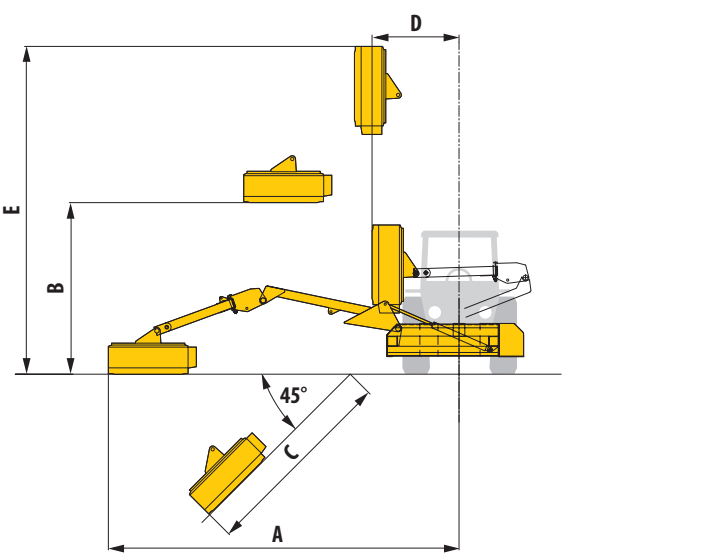
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model	 ft	 ft	 min HP max	 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

T1 120
Direct drive



Model	 lbs
T1 120	463

FLAILS

Cod.	Model		TST 50	
	Interchangeable on the same rotor		No.	Ø in
0901146	Multise "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 facility 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 included in TST50 pricing. Contact FERRI if you need a source for these components .

**PROFESSIONAL BOOM MOWERS
FOR MUNICIPAL GROUNDS MAINTENANCE**

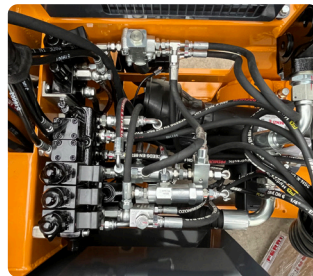


The TXV reach mower series which is a proven product for Ferreri is designed for the municipal and ground care operators.

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.

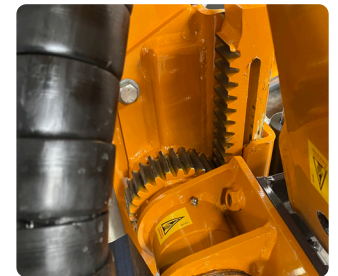
The TXV hydraulic reach mowers combine two uses: traditional position of the flailhead or advanced position of the flailhead for better visibility.



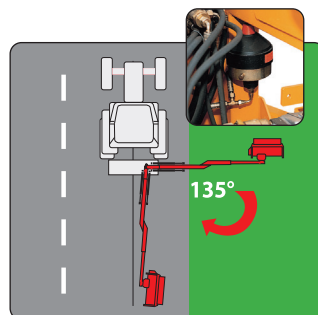
High Power Gear hydraulic system.



Oil cooler with thermostat.



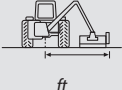




Rear mounted flailhead with rack and pignon gear to ensure the most precise cutting position.

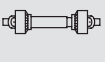







Hydraulic breakaway with accumulator controlled autoreset facility (SRA).

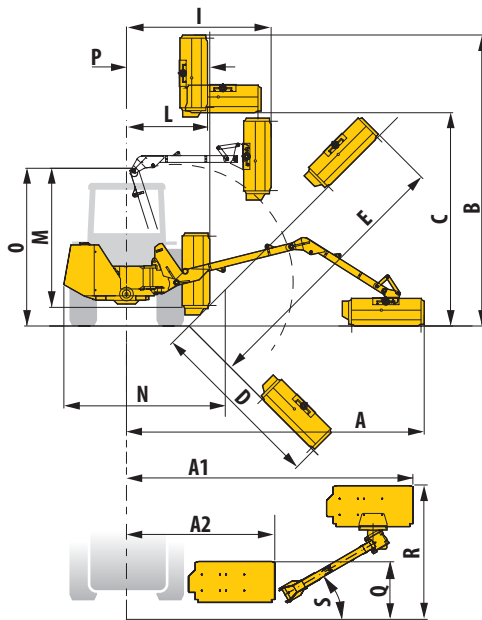
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

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°

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.

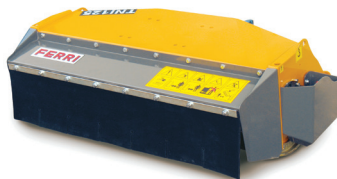
Option at an extra:


- Top link.
- set of short stabilizer.
- Rear axle rigid fitting system recommended for TVX 60).
- Delta Bracket.

FLAIL HEAD




TNI 125
Direct drive

DOMEX®
HIGH STRENGTH STEEL



Model	 lbs
TNI 125	573

FLAILS

Cod.	Model		TXV 50 No.	TXV 60 No.	 Ø in
0901209	"Y" blades for: grass, shrubs		52	52	1 1/4"
0901213	Reinforced rotating hammers: wood		18	18	2 1/2"



FLAIL HEADS FOR MINI-LOADERS



Hydraulic flail head for works on un-cultivated land, underbrush and green areas, with grass, bushes, pruning and brambles up to Ø0,13 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.



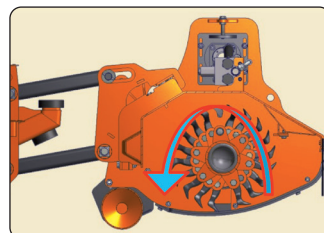
Belt transmission.



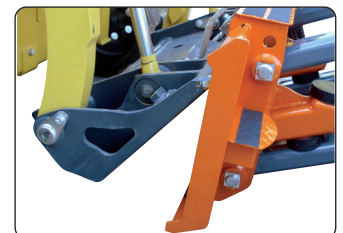
Parallel linkage for better floating on uneven grounds



Adjustable skids with replaceable wear proof plates.



Unidirectional motor (with drainage)







Linkage SAE J2513 with self levelling device.

BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model	 ft.	 ft.	 n.	 lb	 gal min/max	 Max. bar	 n.	 n.
TSKID 1800	71"	81"	4	1650	14.29 ÷ 17.59	190 ÷ 210	18	54
TSKID 2000	79"	89"	4	1720	16.49 ÷ 20.89	190 ÷ 210	20	60

CUTTING FLAILS

Cod.	Model		TSKID 1800	TSKID 2000	
	Interchangeable on the same rotor		No	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.

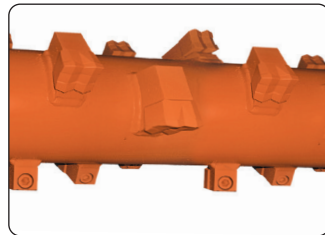
**HYDRAULIC FORESTRY MULCHER
WITH FIXED TEETH FOR SKID LOADER**



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.

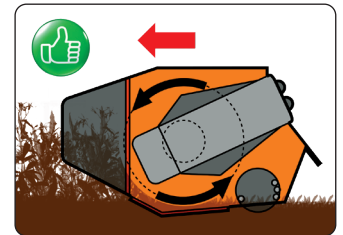
It is applied to skid steer loaders with power ranging between 70 HP and 120 HP and with oil flow from 21 to 40 gal/min.



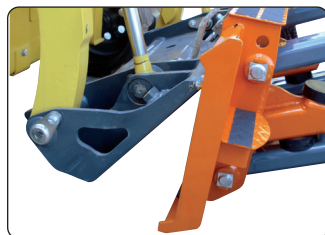
Rotor, fixed teeth with tungsten coating and rotor with steel profiles.



Belt transmission.










Rotor direction for grass and bushes.

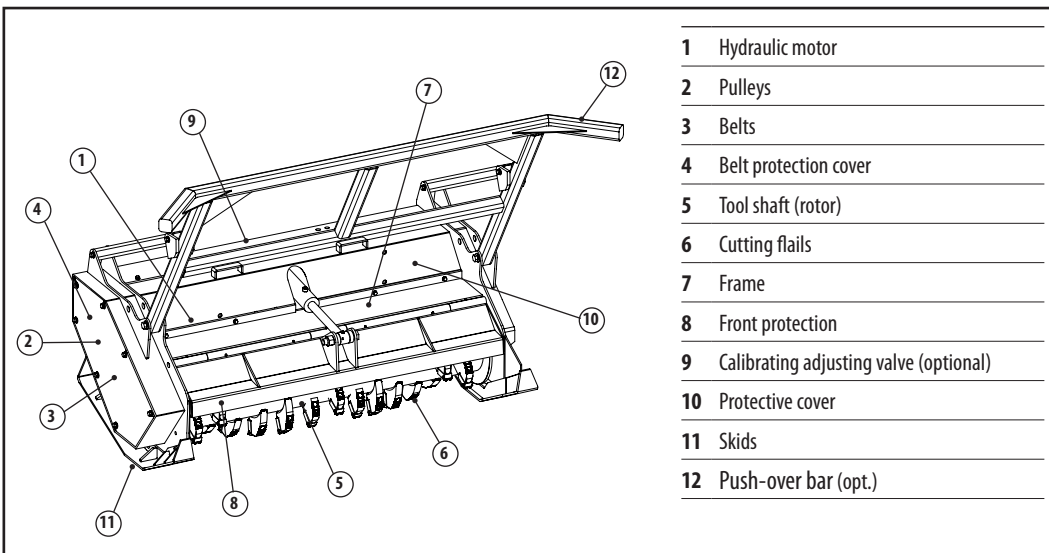


Universal coupling SAE J2513.

BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

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	190 ÷ 210	39






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		TSKQ/F 1600	TSKQ/F 1800		
	With dedicated rotor		No	No	Ø in	
THFSZPU123	Tungsten tipped tool			33	39	8"

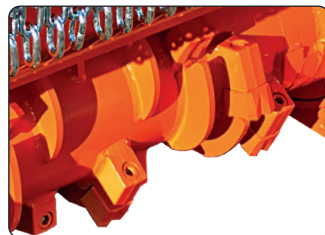
**HYDRAULIC FORESTRY MULCHER
WITH FIXED TEETH FOR SKID LOADER**



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.

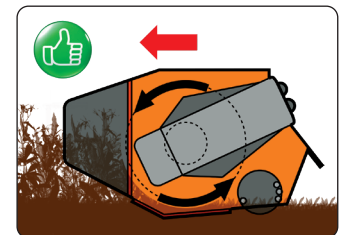
It is applied to skid steer loaders with power ranging between 70 HP and 120 HP and with oil flow from 21 to 40 gal/min.



Apeiron rotor with fixed tools and tungsten carbide inserts with steel profiles.

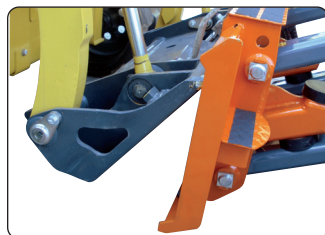


Belt transmission.



Rotor direction for grass and bushes.








"Depth Limiting Technology"



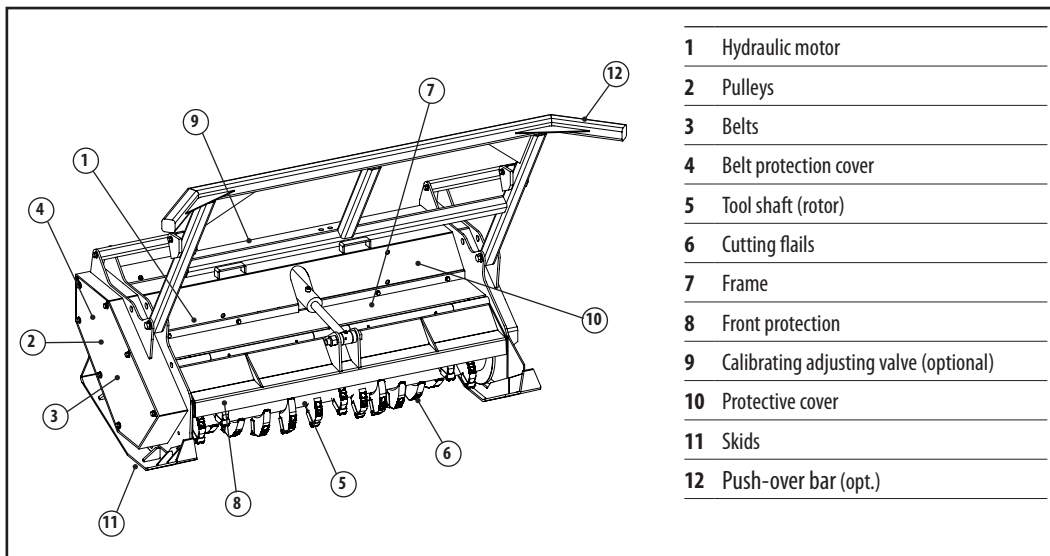
Universal coupling SAE J2513.

BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

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	190 ÷ 210	39

"Depth Limiting Technology"



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		TSKQ/A 1600	TSKQ/A 1800	Ø in
	With dedicated rotor		No	No	
THFSZPU123	Tungsten tipped tool 		33	39	8"

Equipped with:

- Front and rear guard.
- Adjustable rear roller.
- Main housing with inner lining.
- Reversible hydraulic motor in aluminum.
- Skids.



**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"







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.



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"




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"



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



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



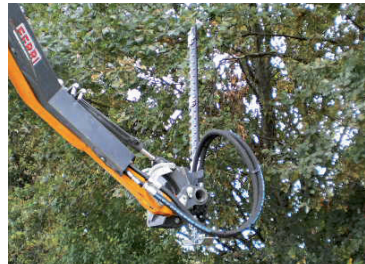
**CUTTER BAR
TR13 – TR22**
Max cut 3 1/4"
Width of cut:
51" (TR13)
87" (TR22)



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"

Equipped with:

- Hydraulic motor

The hydraulic motor is fed by oil in-takes 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.

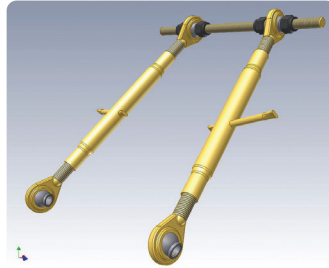
INTERCHANGEABLE IMPLEMENTS

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

TRACTOR FITTINGS

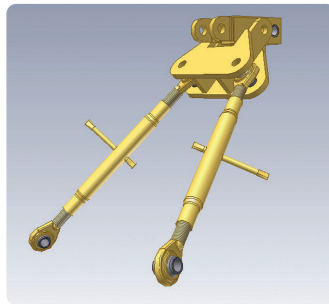
STABILIZERS

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).



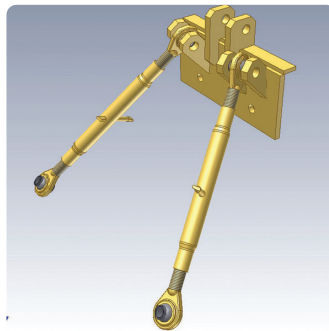
"DELTA" YOKE FOR stabilizers

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

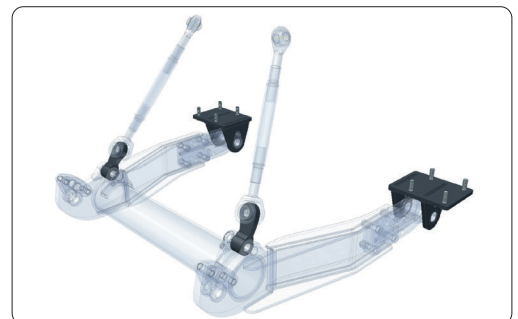
Some tractor are provided in the top link area of a specific high trailer hitch. In these cases we can offer a solution with the so called fixed linkage. This solution can be extended to any hedgecutter. Please note that the fixed linkage still need some adaptations depending on the tractor make.



Given the high lateral forces, the flailhead mowers must be attached to the tractor using a pair of stabilizer bars.



Axle Brackets.

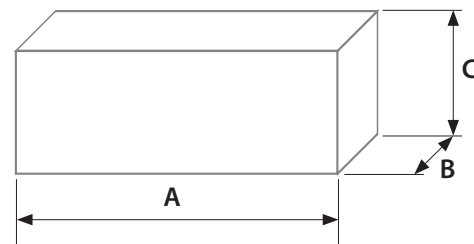


Axle plates kit depending on tractors models.

WEIGHTS & DIMENSIONS

BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

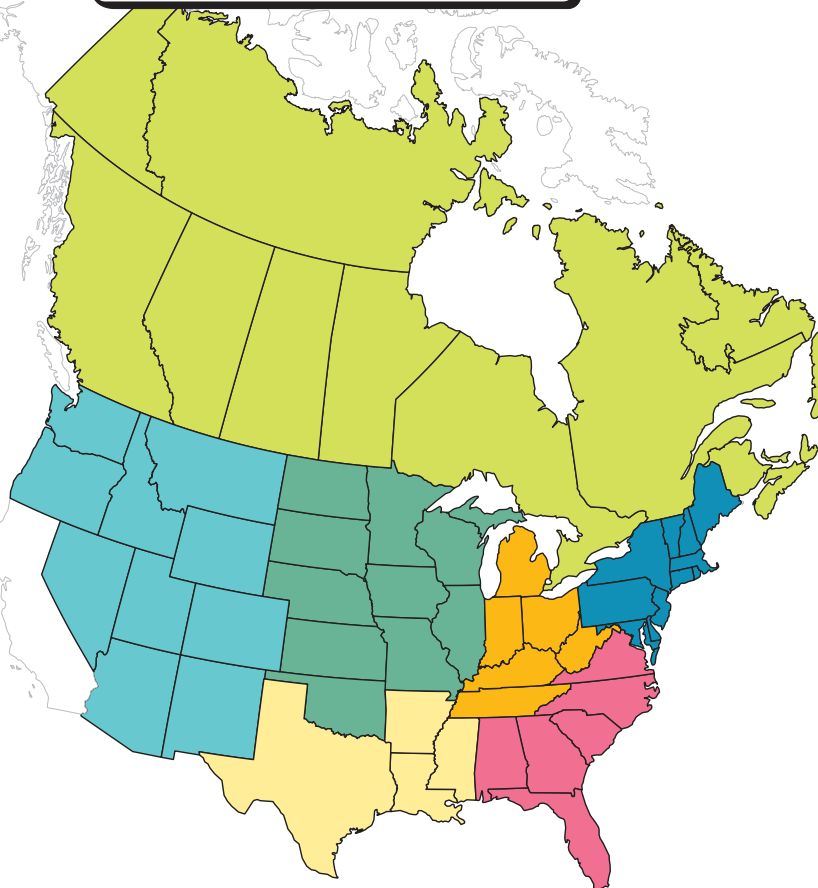
Models	Dimensions in Inches			Flail head	Weight Lbs
	A	B	C		
T350S	75"	29"	76"	CS150	580
T350SI	75"	29"	76"	CS150	780
T250A	69"	29"	62"	TME60	689
T320A	69"	29"	86"	TME80	848
T380D	69"	29"	79"	TID100	1136
T430D	69"	29"	79"	TID100	1147
T460	95"	35"	89"	TID100	1323
TM46	95"	35"	83"	TID100	1950
TP490	102"	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



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Hayward Distributing Company

(Founded in 1976)



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Columbus, OH 43228
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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

Texas

White's Inc.

(Founded in 1920)



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Houston, TX 77252-2344
Phone: (713) 928-2632
Fax: (713) 928-5374
Email: wholegoodsales@whitesinc.com
Web Site: www.whitesinc.com

Massachusetts

J.S. Woodhouse Company, Inc.

(Founded in 1843)



1314 Union Street P.O. Box 1169
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FAX: (413) 732-3786
Email: info@jswoodhouse.com
Web Site: www.jswoodhouse.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)



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Harriston, Ontario, N0G 1Z0
Phone: (519) 338-2923
Fax: (519) 338-2756
Email: sales@harcoag.ca
Web Site: www.harcoag.ca

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2023

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