



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

HOW TO CHOOSE THE RIGHT BOOM MOWER FOR YOUR NEEDS



**WORLD
LEADER
IN MOWER
TECHNOLOGY**



T350S



T350SI



T250A - T320A



T380D-T430D-T430DR



T460



TM



TP



TST



TXV



TSKID



TSKQ

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				
		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	

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 50 Front Mount 	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.



**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.



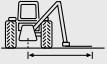




Arms with circular section H.T.R.
(High Torsion Resistance).







Cutter bar for hedges CS150.

BOOM MOWERS & HEDGES CUTTERBAR

TECHNICAL DATA

Model			min  max	 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

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).

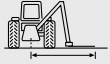










Cutter bar for hedges CS150.



BOOM MOWERS & HEDGES CUTTERBAR

TECHNICAL DATA

Model			min  max	 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"

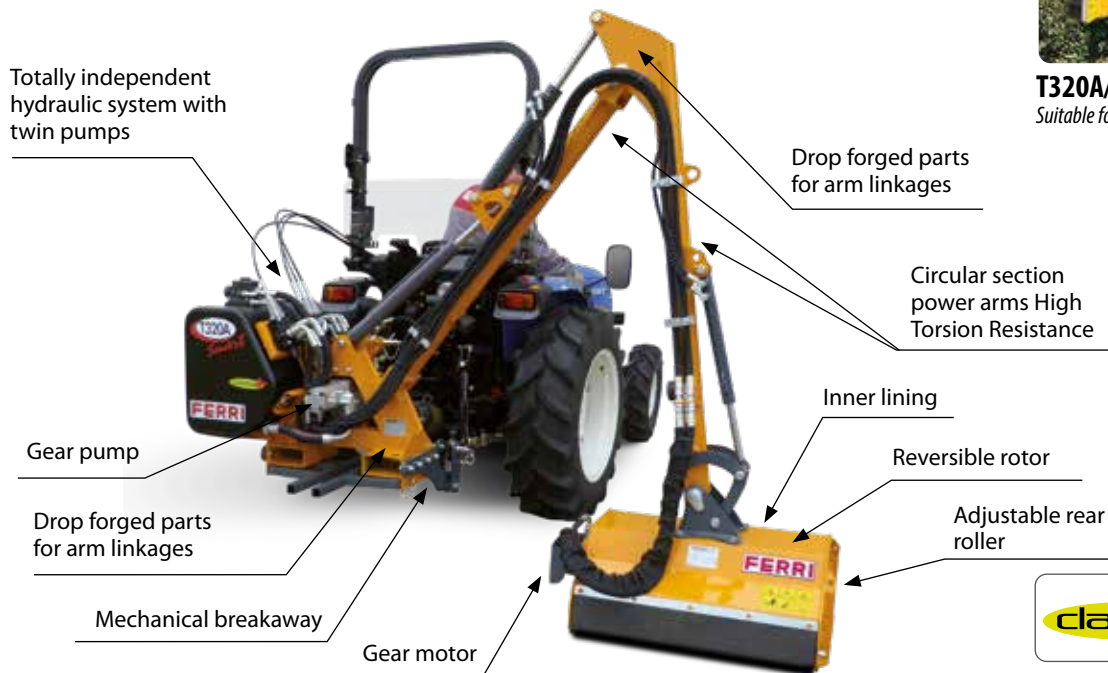
Equipped with:

- 3 point ISO universal linkage CAT 1 and 2.
- Dependent 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.

**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.




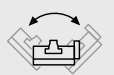




Oil cooler with thermostat (option).

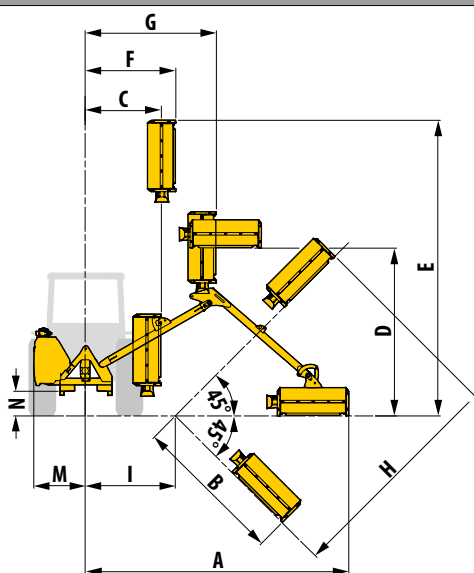
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR COMPACT TRACTORS

TECHNICAL DATA

<i>Model</i>	 <i>ft</i>	 <i>TME60</i> <i>TME80</i> <i>ft</i>	 <i>HP</i>	 <i>MIN</i> <i>ft</i>	 <i>MIN</i> <i>lb</i>
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"

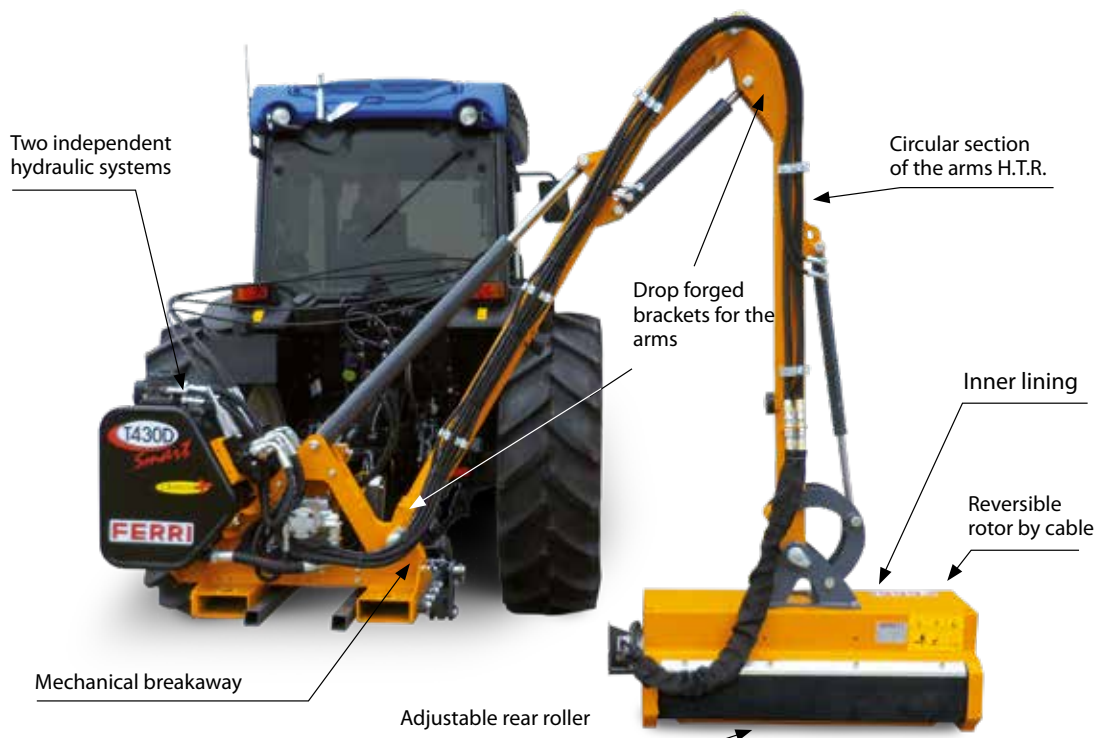
Equipped with:

- 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.

**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.



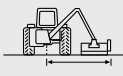




Mechanical breakaway (arm protection in case of obstacles).









Oil cooler with thermostat (option).

BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

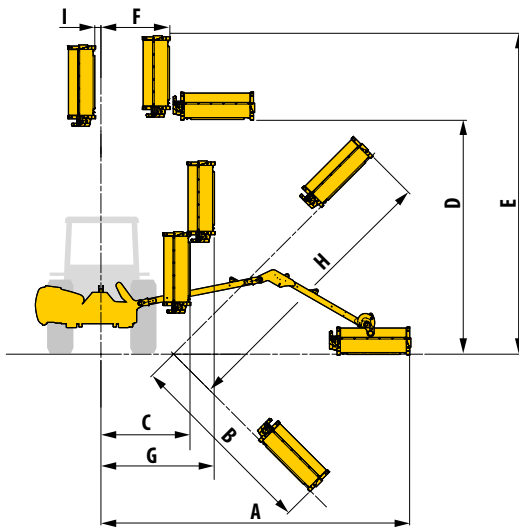
TECHNICAL DATA

Model	 ft	 ft	 min HP max	 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	 190°	 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	T430D
	ft	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.	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.



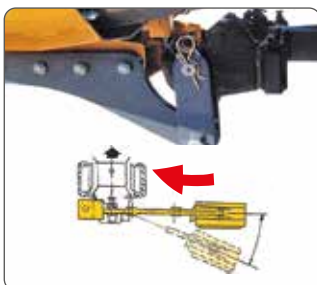
Drop forged parts.



Floating head system.



Group 3 cast iron hydraulic rotor pump.



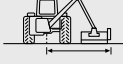




Mechanical breakaway (arm protection in case of obstacles).









Oil cooler with thermostat (option).

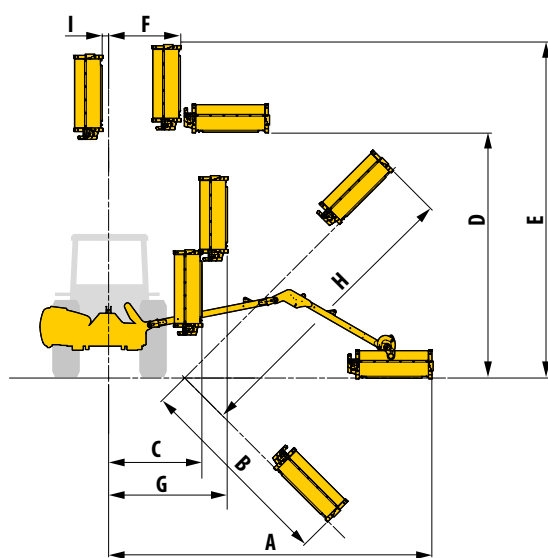
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model			min  max	 MIN	 MIN
	ft	ft	HP	ft	lb
T460	15'1"	3'3"	50 - 60	5'11"	4.850

Model						
	rpm	rpm	gal	190°	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 No.	 Ø in
	Interchangeable on the same rotor			
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"

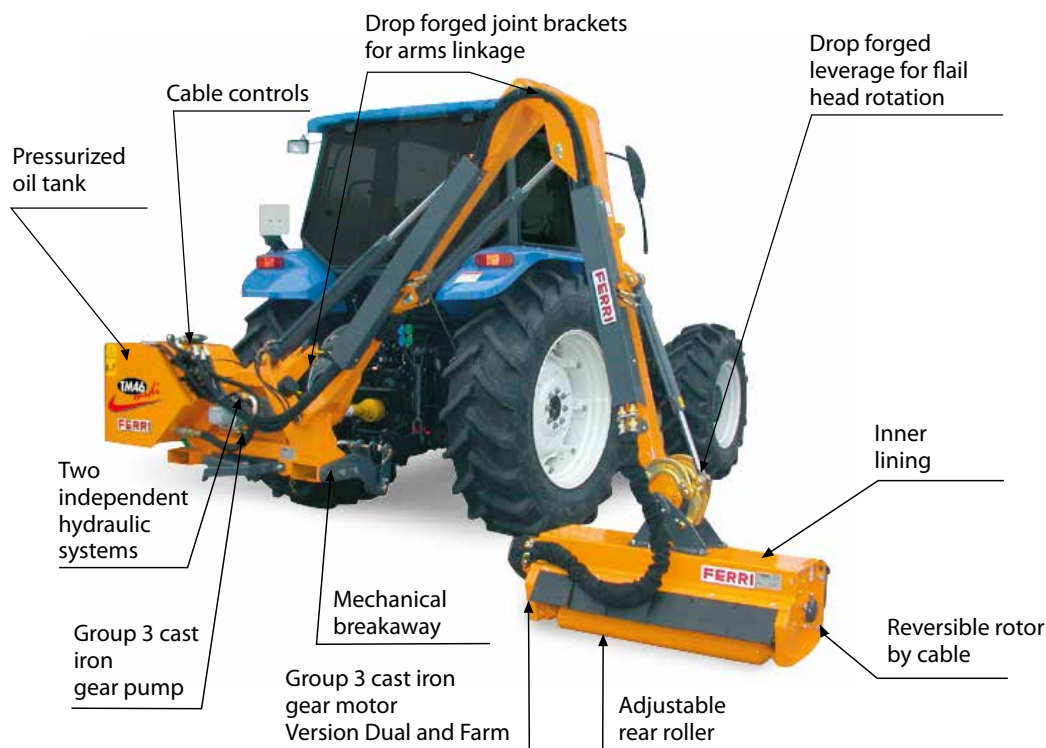
Equipped with:

- 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.

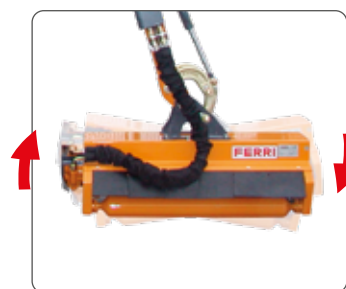
The TM series includes design features that include drop forged parts for the arms articulation and flail head linkages, spiral rotor with double helix and overlapping knives, pump and cast iron motor and flail head floating system enabling the flail head to better follow the ground contours.



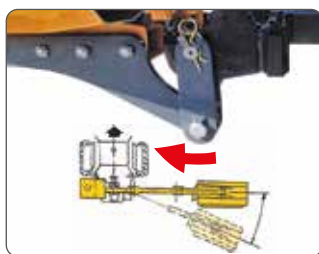
Drop forged brackets for the arms.



Drop forged lever for flail head rotation.



Floating head system.








Mechanical breakaway (arm protection in case of obstacles).

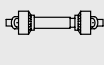







Oil cooler with thermostat (option).

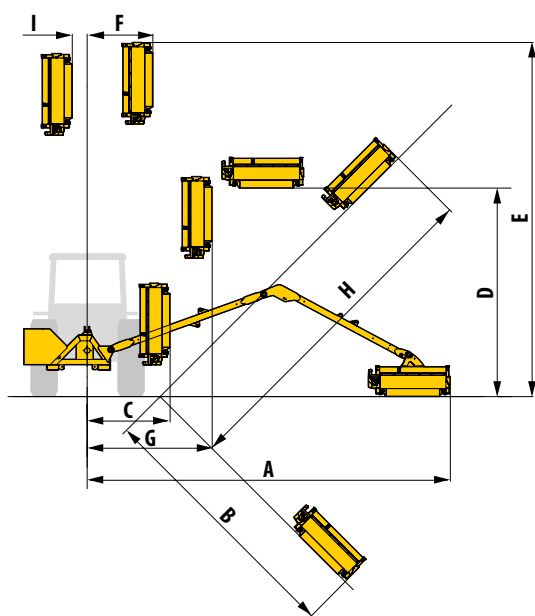
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model			min  max	 MIN	 MIN
	ft	ft	HP	ft	lb
TM 46	15'3"	3'11"	50 - 70	5'11"	5.512

Model						
	rpm	rpm	gal	190°	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		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"

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.

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.



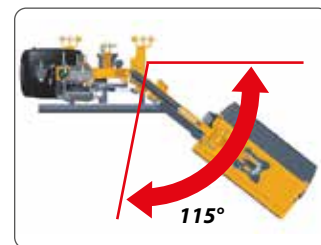
Floating head system.



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



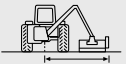




New design bolt on and pressurized oil tank with hinged cover to protect the hydraulic distributor (EG-Tronic).









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

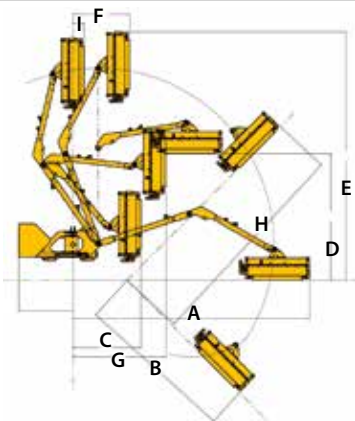
TECHNICAL DATA

Model	 ft	 ft	 min HP max	 MIN 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 ft.	TP600 TI 120 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.

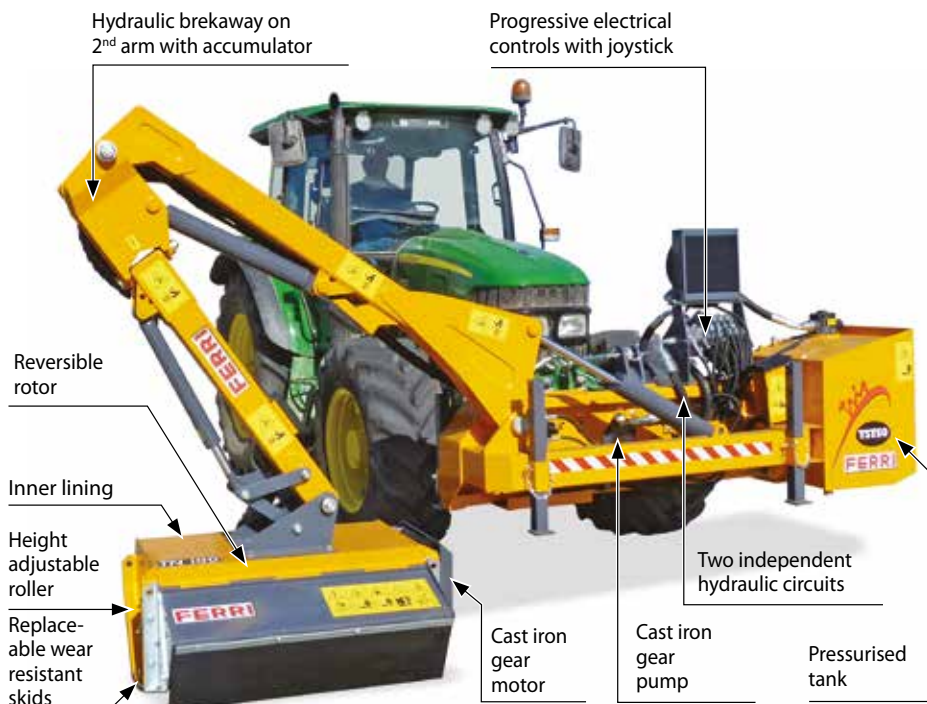
■ Oil and Pto shaft.

■ 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.

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.



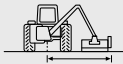




Lift float nitrogen accumulator.









Hydraulic breakaway on second arm with accumulator controlled autoreset facility.

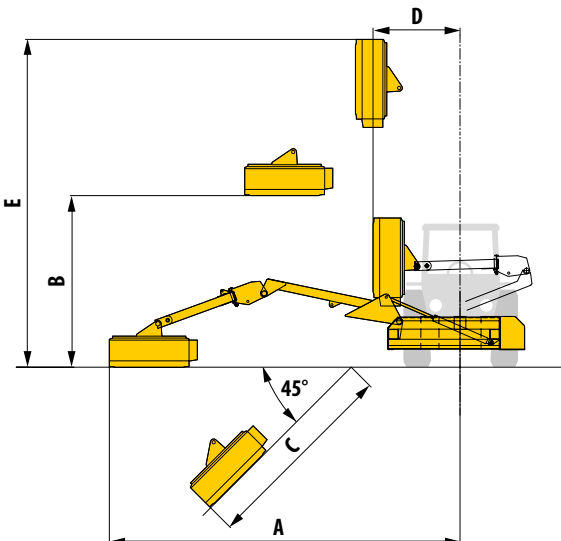
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model	 ft	 ft	min  max HP	 ft	 lb
TST50 Front	16'5"	3'11"	90 - 110	6'9"	7.055

<i>Model</i>	 rpm	 rpm	 <i>gal</i>	 	 <i>ft/sec</i>	 <i>lb</i>
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		TST 50 No.	 Ø in
	Interchangeable on the same rotor			
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 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 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 flailhead for better visibility.



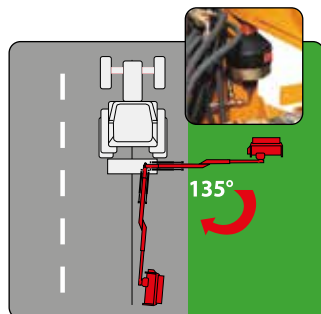
High Power Gear hydraulic system.



Oil cooler with thermostat.



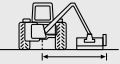




Rear mounted flailhead with rack and pinion gear to ensure the most precise cutting position.

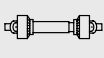






Hydraulic breakaway with accumulator controlled autoreset facility (SRA).

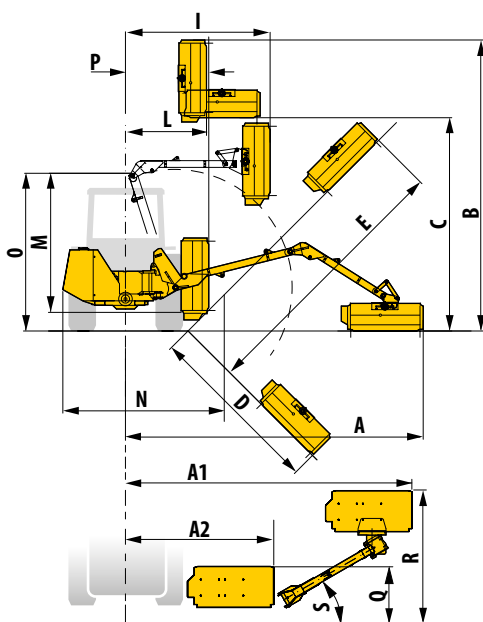
BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

TECHNICAL DATA

Model	 ft	 ft	 min HP max	 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°	2.756
TXV60	540	3.000	55	230°	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 No.	TXV 60 No.	 Ø in
	With dedicated rotor				
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:

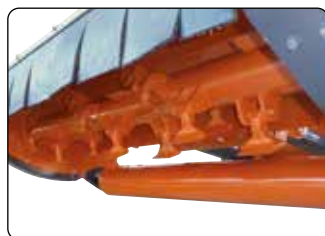
- Top link.
- set of short stabilizer.
- Rear axle rigid fitting system recommended for TVX 60).
- Delta Bracket.

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.



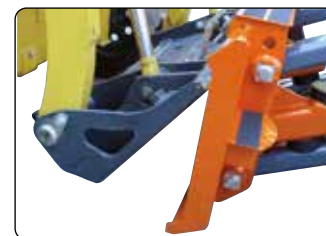
Parallel linkage for better floating on uneven grounds



Adjustable skids with replaceable wear proof plates.











Unidirectional motor (with drainage)







Linkage SAE J2513 with self levelling device.

BOOM MOWERS & HYDRAULIC FLAIL MOWER FOR SKID LOADERS

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		TSKID 1800	TSKID 2000	 Ø in
	Interchangeable on the same rotor		No	No	
0901196	Forged hammer-blades for: wood and shrubs		18	20	2"
0901146	Multiuse blades for grass, bushes, shrubs, sticks, wood		54	60	1 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.

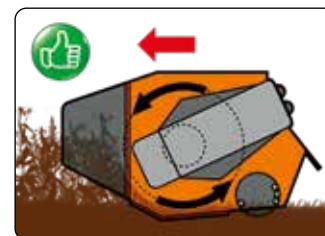
It is applied to skid steer loaders with power ranging between 70 HP and 120 HP and with oil flow from 21 to 40 gal/min.



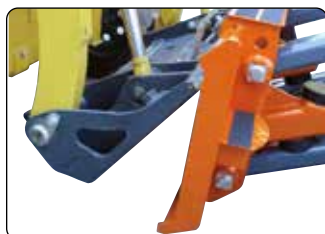
Rotor, fixed teeth with tungsten coating and rotor with steel profiles.



Belt transmission.










Rotor direction for grass and bushes.

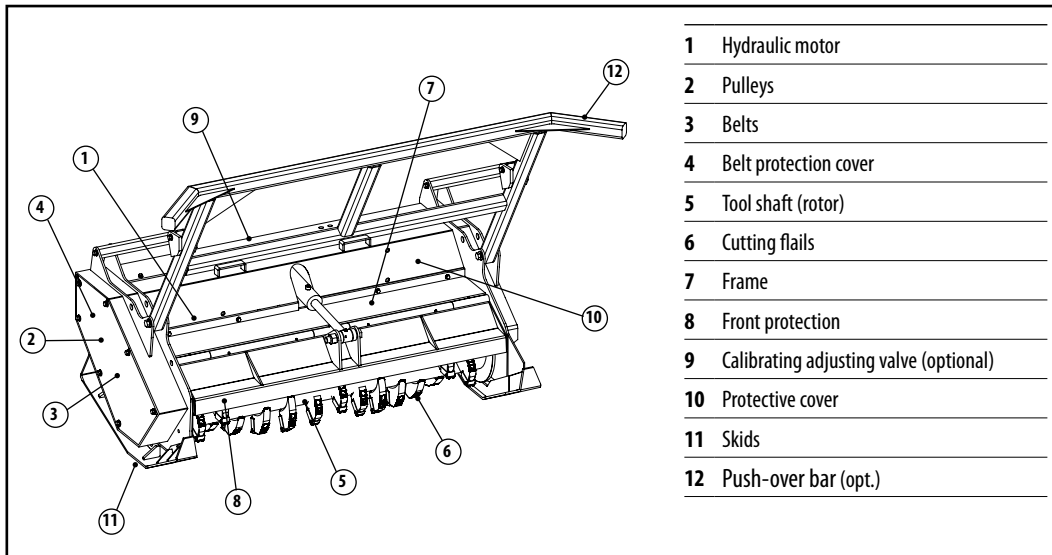


Universal coupling SAE J2513.

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	3190 ÷ 3916	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	
	With dedicated rotor	
THFSZPU123	Tungsten tipped tool 	<div>  180° </div> <div>  </div>
		<div>  </div>

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.



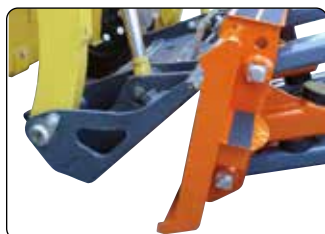
Apeiron rotor with fixed tools and tungsten carbide inserts with steel profiles.



Belt transmission.










Rotor direction for grass and bushes.

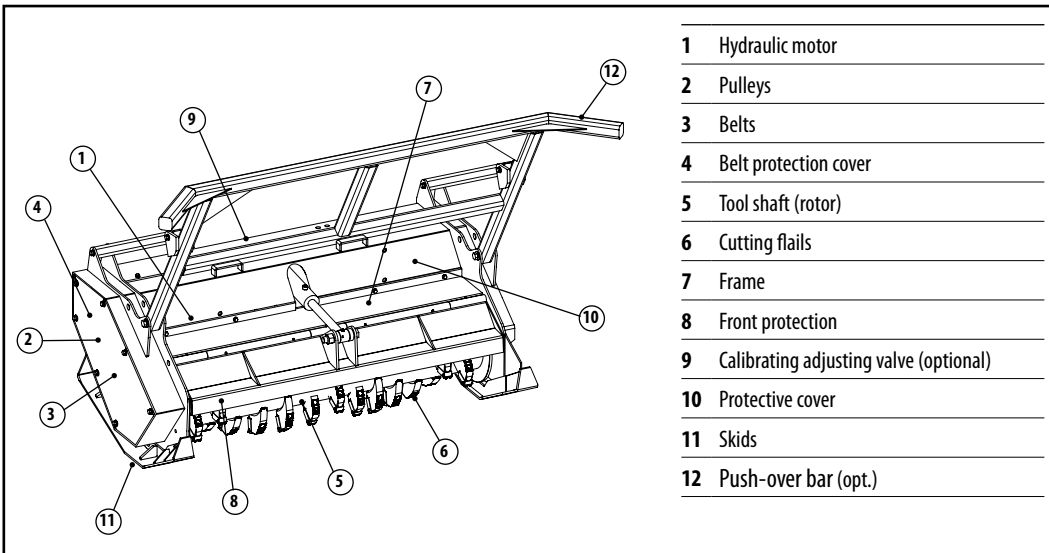


Universal coupling SAE J2513.

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	3190 ÷ 3916	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.
- 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	
THFSZPU123	Tungsten tipped tool 	<div>  180° </div> <div>  </div>
		<div> TSKQ/A 1600 No </div> <div> TSKQ/A 1800 No </div> <div>  Ø in </div>
		<div> 33 </div> <div> 39 </div> <div> 8" </div>


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"

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.

Air flow 90 m³/min.

300 mm diameter fan.

Suction housing 7-Blade.

Installation not included.

FOR COUPLING KITS PLEASE CONTACT OUR SALES OFFICE..



DITCH CLEANER FOR REACH MOWERS WITH A GEAR HYDRAULIC SYSTEM



INTERCHANGEABLE TERMINAL IMPLEMENTS

Model	Working width ft	Series / model compatibility
FF 45	1'58"	Series/Series TSI
FF 60	2'64"	Series/Series TXV - TGA



BLOWER



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 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.

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.

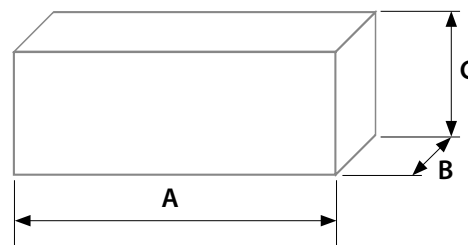


Axle Brackets.



Axle plates kit depending on tractors models.

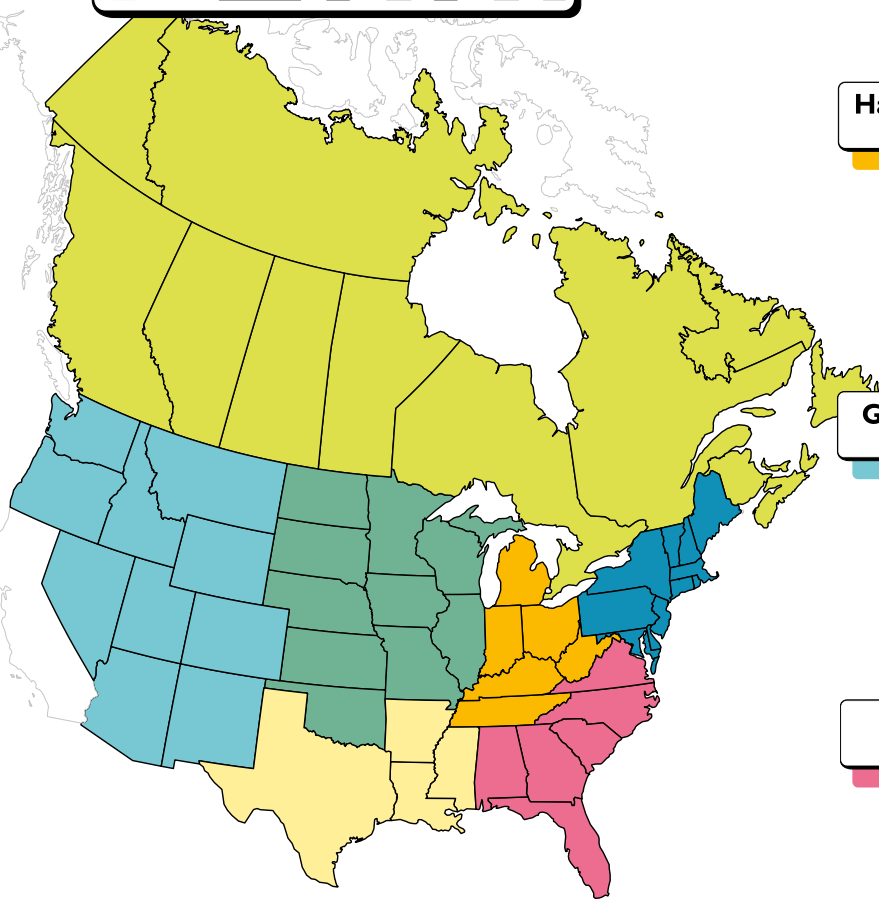
Models	Dimensions in Inches			Flail head	Weight Lbs
	A	B	C		
T350S	75"	29"	76"	CS150	580
T350SI	75"	29"	76"	CS150	780
T250A	69"	29"	62"	TME60	689
T320A	69"	29"	86"	TME80	848
T380D	69"	29"	79"	TID100	1136
T430D	69"	29"	79"	TID100	1147
T460	95"	35"	89"	TID100	1323
TM46	95"	35"	83"	TID100	1950
TP490	102"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



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

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Kent Zimmerman
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E-mail: k.zimmerman@ferrisrl.it

FERRI

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Fax 413-732-3786
E-mail: info@jswoodhouse.com



MOWERS & OFFSET/IN-LINE SLOPE MOWERS



MT



MKD



ZME



ZMGE



ZMTE PRO



ZLE PRO



ZHE



SIMPLY. THE MOWER

Models	TRACTORS HP																		
	18	25	30	35	40	45	50	60	70	75	80	85	90	95	100	110	120	130	160
FERRI Range for USA & CANADA	MT140																		
	MT160																		
	MT180																		
	MT200																		
	MKD2300																		
	MKD2500																		
	MKD2800																		
	ZME125																		
	ZME155																		
	ZMGE1400																		
	ZMGE1600																		
	ZMTE1600 PRO																		
	ZMTE1800 PRO																		
	ZMTE2000 PRO																		
	ZMTE2300 PRO																		
	ZLE1800 PRO																		
	ZLE2000 PRO																		
	ZLE2300 PRO																		
	ZHE2500																		

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 than 20" Big	MT-MKD-ZMGE-ZMTE PRO- ZLE PRO- ZHE	What Thickness	Up to 1 3/4"
		Woods/Branches/Bushes			Up to 2 1/4"
					ZMGE-ZMTE PRO - ZLE PRO
					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)
	BBB	ZMGE-ZMTE PRO-ZLE PRO - ZHE (tractor size is the driving factor)
	BBC	ZMTE PRO - ZLE PRO - ZHE (tractor size is the driving factor)

depending on Thickness

depending on Thickness

depending on Thickness

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 	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









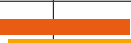
In height adjustable real roller.








In depth adjustable real roller.

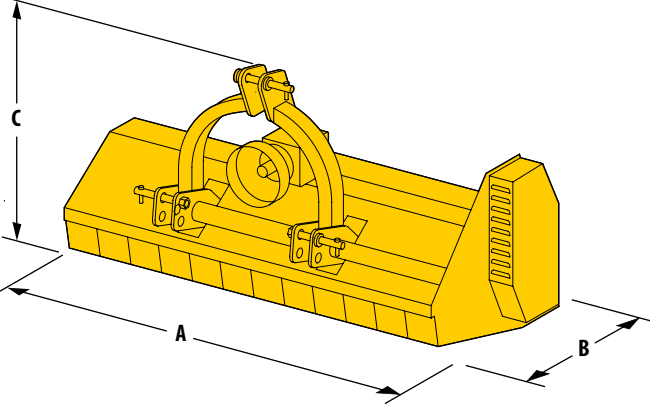
MOWERS & OFFSET/IN-LINE SLOPE MOWERS

TECHNICAL DATA





Model	 ft	 min HP max	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"

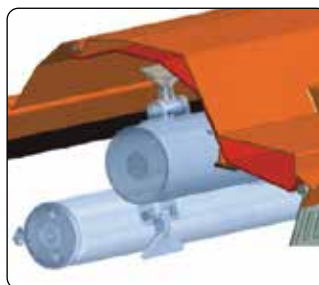
Equipped with:

- 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.

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.

MOWERS & OFFSET/IN-LINE SLOPE MOWERS

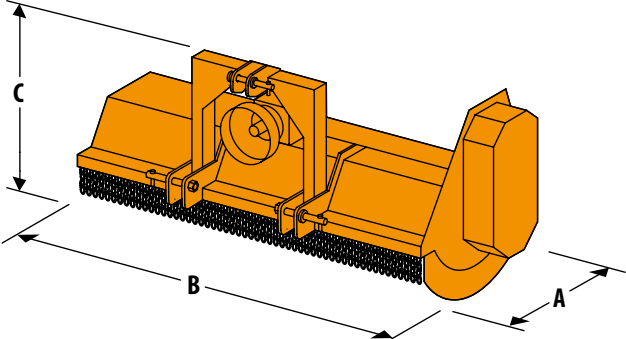
TECHNICAL DATA

Model	 ft	 min HP max	 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		MKD 2300	MKD 2500	MKD 2800	 Ø in
	Interchangeable on the same rotor		No.	No.	No.	
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 rotation) 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 adjustment.

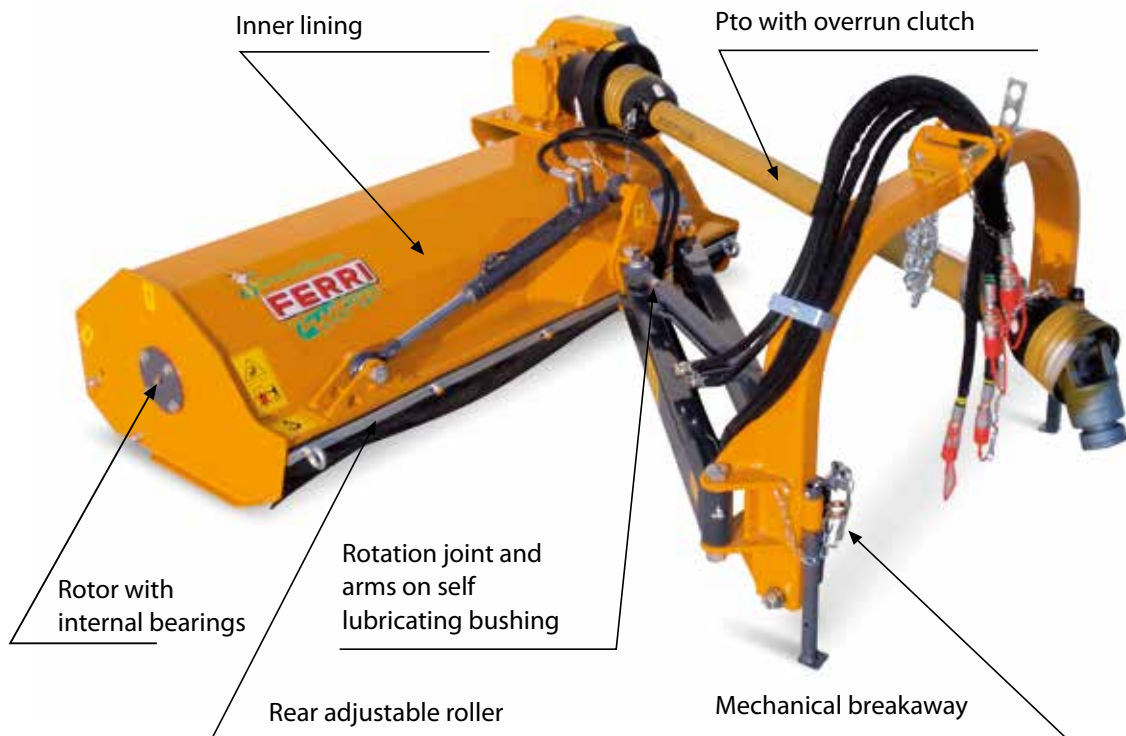
- Hydraulic hoses with quick couplings.

- 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.

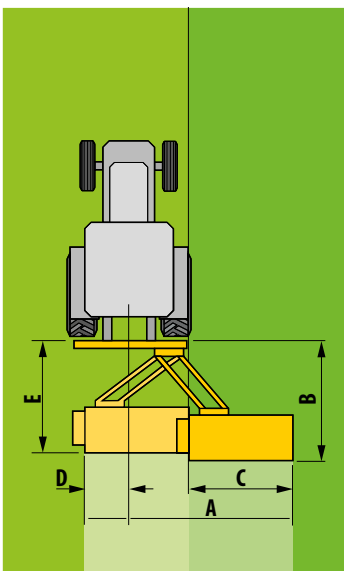
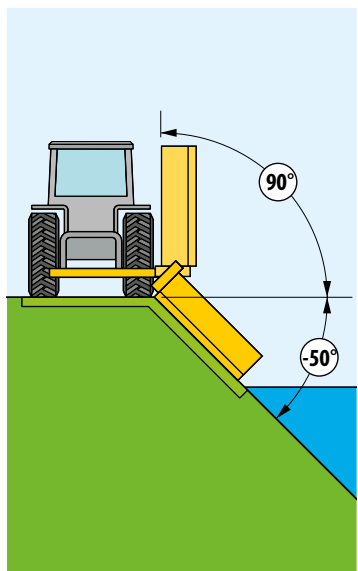
MOWERS & OFFSET/IN-LINE SLOPE MOWERS

TECHNICAL DATA



Model		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	B
		ft	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"

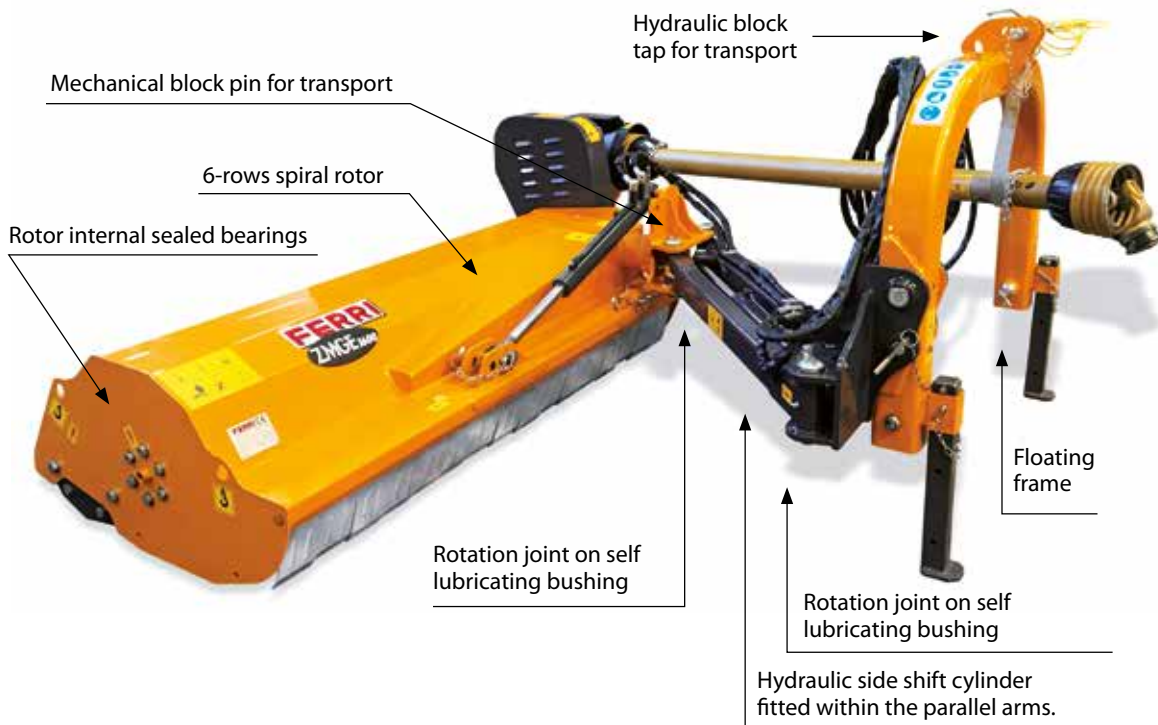
FLAILS

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)

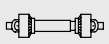






Rotor internal sealed bearings

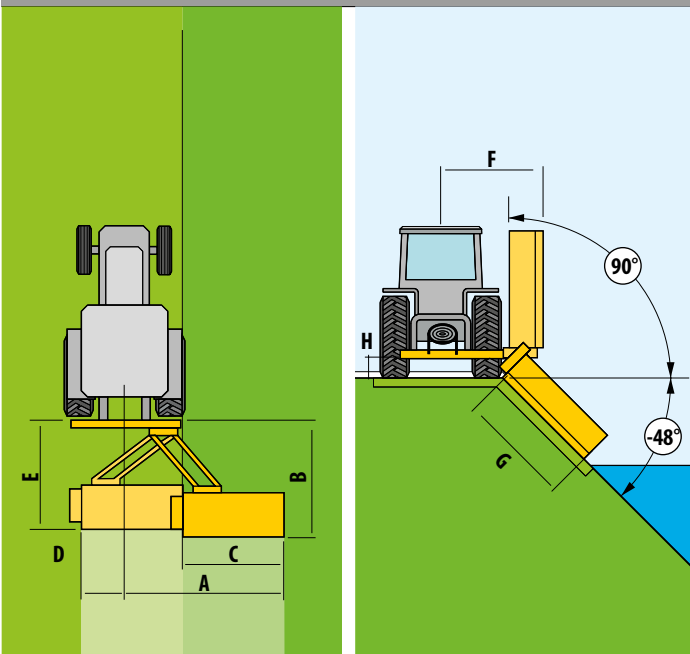
MOWERS & OFFSET/IN-LINE SLOPE MOWERS

TECHNICAL DATA

Model	 ft	 min HP max	 MIN ft	 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

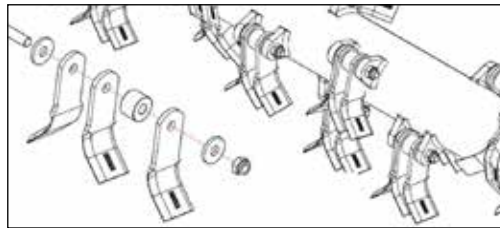
WORKING POSITIONS







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.



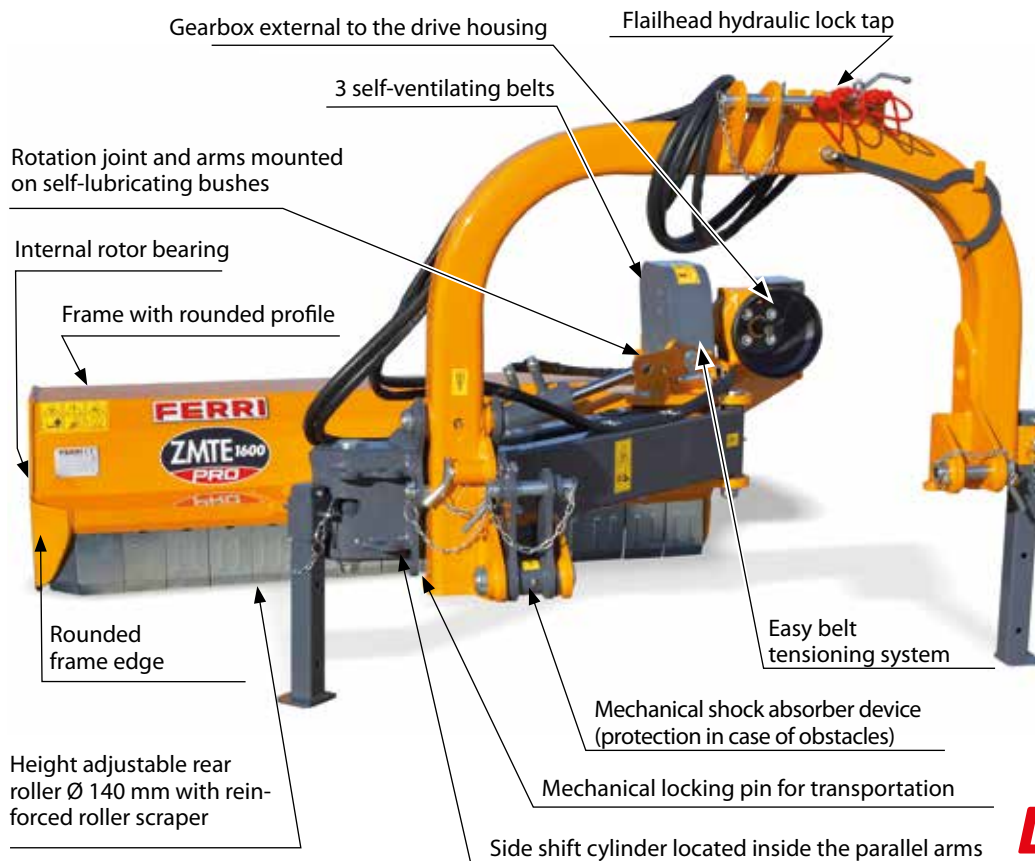
FLAILS

Cod.	Model		ZMGE 1400	ZMGE 1600	 Ø in
	Interchangeable on the same rotor		No.	No.	
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



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.

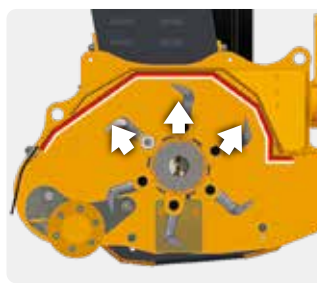
The external positioning of the multiplier unit allows to operate totally outside the tractor track in absolute safety, suitable for tractors from 60 to 80 HP.

As standard, the ZMTE PRO model is equipped with the DOMEX sub-frame 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.



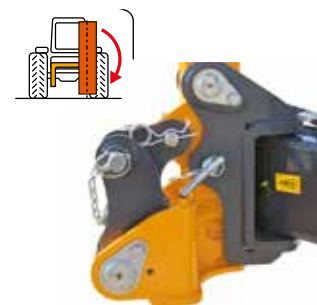
Inner lining "Full coverage" Domex 700 Steel.



Mechanical shock absorber device (protection in case of obstacles).







Floating flail body frame, self-leveling to the ground.

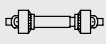






Mechanical locking pin for transport (no chains, no brackets).

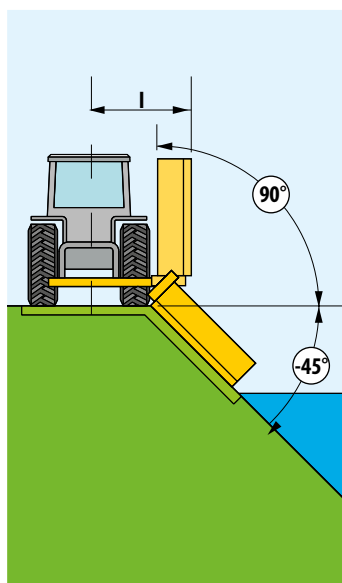
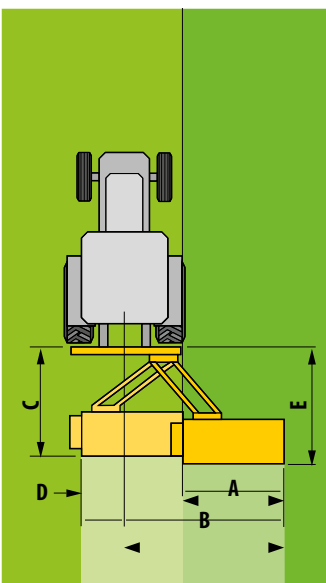
MOWERS & OFFSET/IN-LINE SLOPE MOWERS

TECHNICAL DATA

Model	 ft	 HP	 ft	 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"

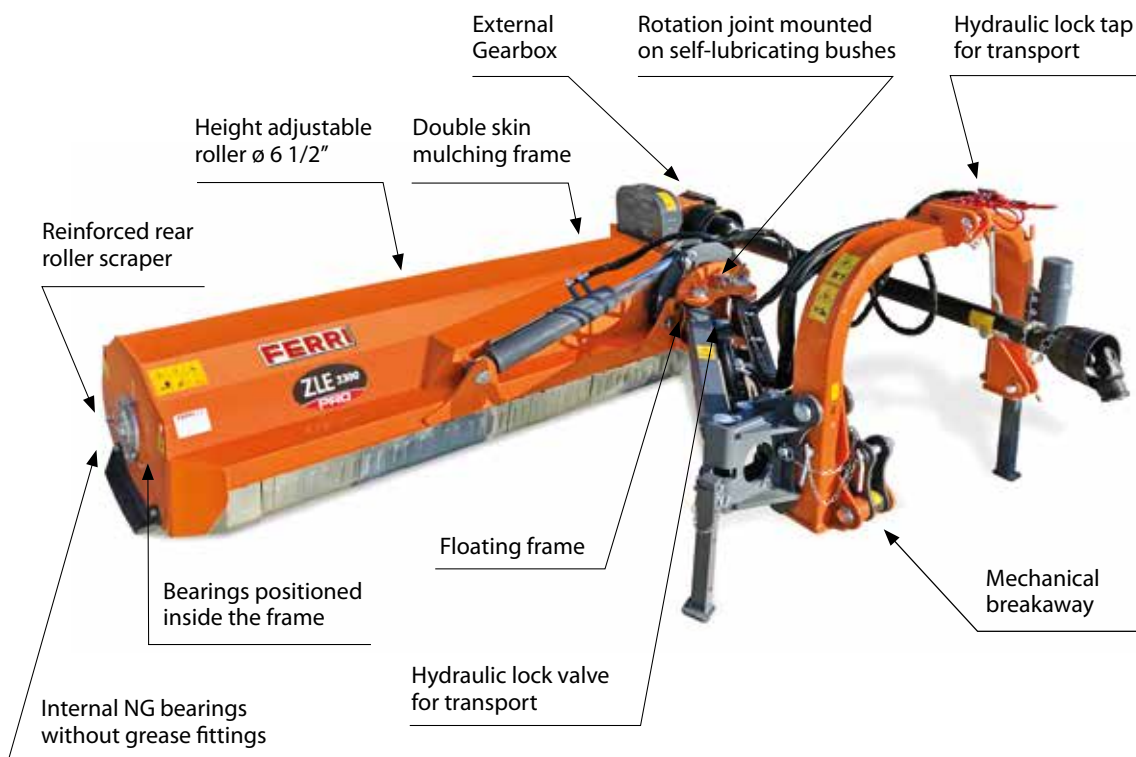
FLAILS

Cod.	Model		ZMTE 1600	ZMTE 1800	ZMTE 2000	ZMTE 2300	
		Interchangeable on the same rotor	No.	No.	No.	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

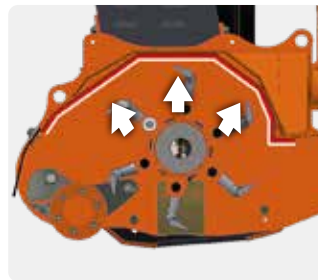
The new model of professional offset mower ZLE PRO is particularly recommended for mulching prunings, branches and in general for the maintenance of road verges, hedges and embankments.

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 efficient 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 internal "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.

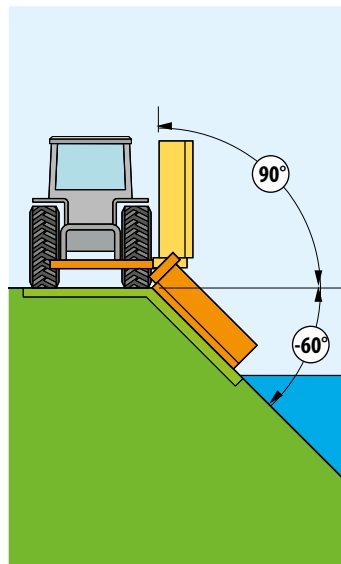
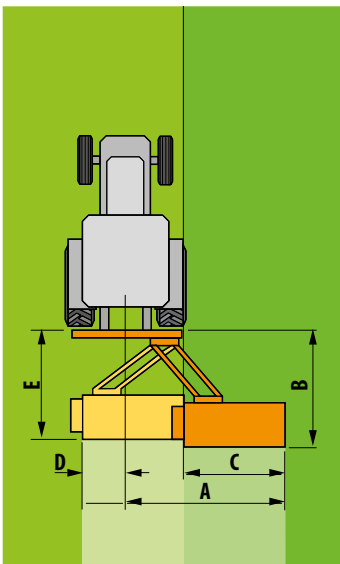
MOWERS & OFFSET/IN-LINE SLOPE MOWERS

TECHNICAL DATA

Model	 ft	 min HP max	 MIN ft	 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"

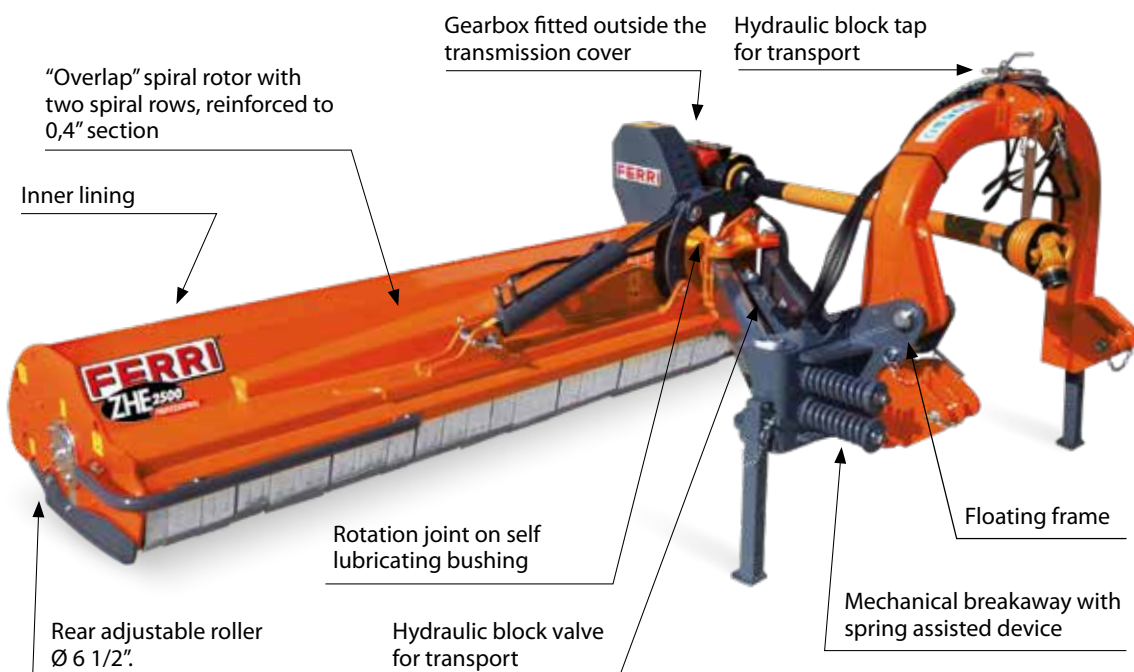
FLAILS

Cod.	Model		ZLE PRO 1800	ZLE PRO 2000	ZLE PRO 2300	
	Interchangeable on the same rotor		No.	No.	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 internal "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.

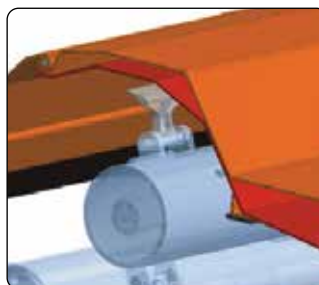
OFFSET/IN-LINE SLOPE MOWERS FOR PROFESSIONALS AND GREEN AREAS



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).



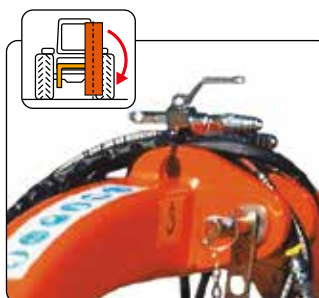
Inner lining for a complete protection of the frame.



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).

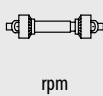






Adjustable side skids.

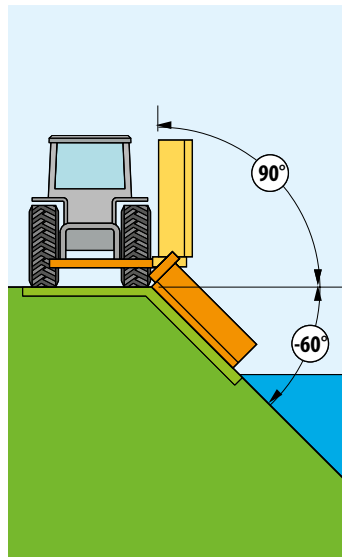
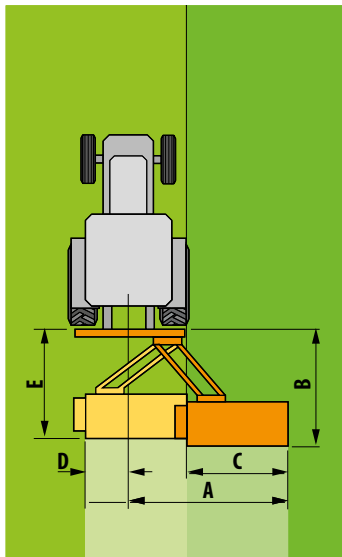
MOWERS & OFFSET/IN-LINE SLOPE MOWERS

TECHNICAL DATA

Model	 ft	 HP	 ft	 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

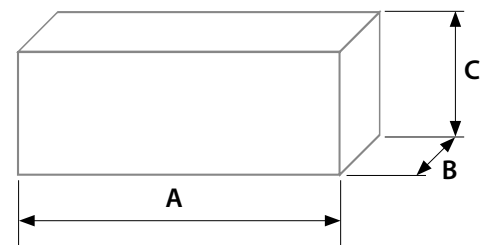
Cod.	Model		ZHE 2500	
			No.	Ø in
0901146	Multi-use blades for: grass, shrubs, bushes, reeds		78	1' 1/2"
0901196	Forged hammer-blades for: wood, grass, twigs		26	2"

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



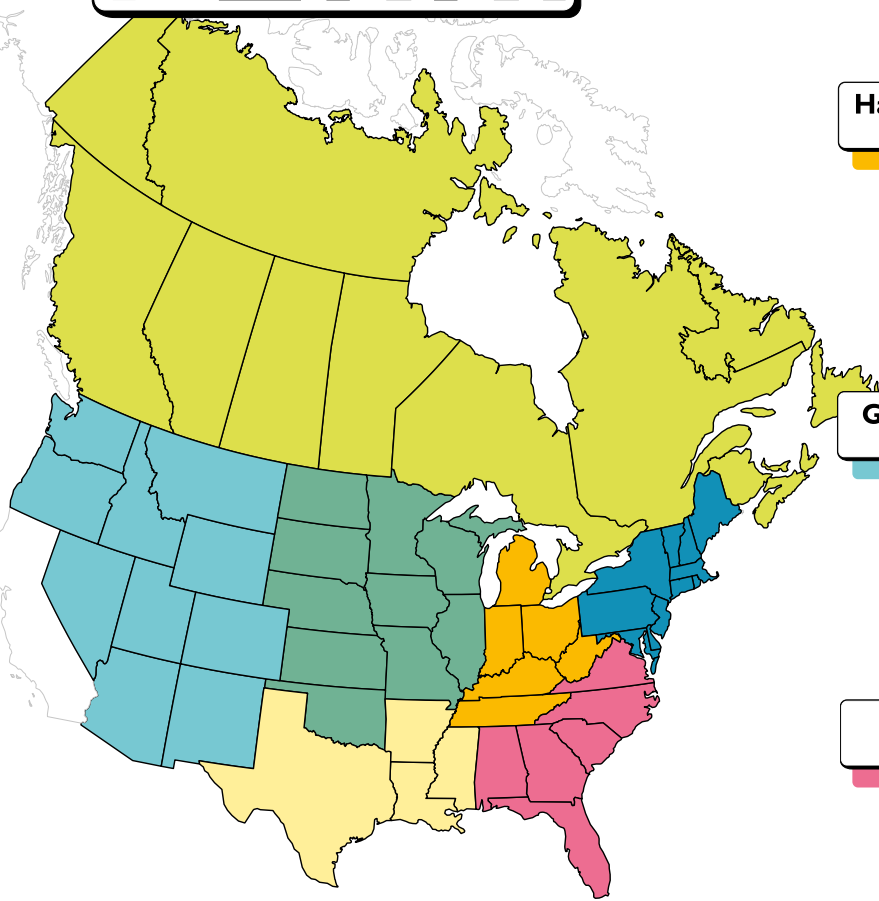
To be noted: wooden boxes can be put one on top of the other, furthermore a wooden box can hold a pallet. A pallet cannot hold any other machine on its top. Every consignment will be carefully analyzed in order to avoid loss of space and to optimize the load.

NOTE

Lined area for notes, consisting of multiple horizontal lines.

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
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Fax: (519) 338-2756
Email: sales@harcoag.ca
Web Site: www.harcoag.ca

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