

BOOM MOWERS - MID RANGE HP



HOW TO CHOOSE THE RIGHT BOOM MOWERS FOR YOUR NEEDS

		Tractors HP												
		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 - TS
		bushes				up to 2" 1/4"
		shrubs				
		branches				
wood						

How often will the boom 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	

BOOM MOWERS - MID RANGE HP

FERRI

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

T380D

SMART

T430D

SMART

BOOM MOWERS FOR AGRICULTURE AND LIGHT GREEN MAINTENANCE



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



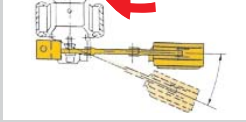
Drop forged parts



Floating system



Mechanical breakaway (arm protection in case of obstacles)



Oil cooler with thermostat



classic



Cable controls

Reliability and simply use. Standard on all machines Classic.

electra



Monolever electric control

The 2 hydraulic distributors are controlled and operated by a mixed system. The Joystick runs the movements of the first and second arm. Flail head rotation is electrically controlled; and switches are located on the joystick. Rotor bidirectional movements and stop are cable controlled.

HP Tractor	40	50	60	70	Min. tractor weight lbs	Min. tractor width ft
T 380D Smart	[Green bar]				3747	4'11"
T 430D Smart		[Green bar]			4409	5'6"
T 430DR Smart		[Green bar]			4409	5'6"



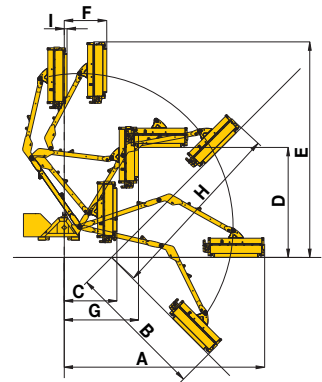
The polypropylene oil tank is separated from the frame and allows it to be isolated from any structural stress. **Fully recyclable.**

Developed and tested in collaboration with:



Working positions

	T 380D	T 430D
A	ft 12'7"	14'2"
B	ft 7'11"	9'6"
C	ft 2'10"	3'11"
D	ft 7'4"	8'4"
E	ft 13'9"	15'5"
F	ft 3'9"	2'10"
G	ft 5'0"	5'7"
H	ft 11'2"	12'9"



BOOM MOWERS - MID RANGE HP



Prices Effective as of 3-23

Technical data

Model	Max horizontal reach* ft	Weight lbs	Three point linkage Cat.	Oil gal	Rotor Rpm	Pto MAX Rpm	Flail head angle
T380D Smart	12'7"	1080	I - II	18,5	3.000	540	190°
T430D Smart	14'2"	1091	I - II	18,5	3.000	540	190°
T430DR Smart	14'2"	1091	I - II	18,5	3.000	540	190°

* Reach measured from tractor centre line to head edge.

Machines with cable controls "Classic"

Model	Suggested Retail - \$
T380D Smart with flail head TID100	19,263
T430D Smart with flail head TID100	20,056
Version for reversible drive	
T430DR Smart with flail head TID100	20,848

Machines with electric controls "Electra"

Model	Suggested Retail - \$
T380D Smart Electra with flail head TID100	28,722
T430D Smart Electra with flail head TID100	29,523
Version for reversible drive	
T430DR Smart Electra with flail head TID100	30,307

Completing equipment to the base machine at extra charge

	Length Inch.	Suggested Retail - \$
Stabilizers to the tractor (code TST5017)	25" - 35"	366
"Delta yoke" for stabilizers (cod. TD3703)		366
Stabilizers for "Delta yoke" (cod. TGA4611)	18" - 28"	314

Option at an extra charge delivered separately as a kit **

	Suggested Retail - \$
Oil cooler with thermostat (cod.T43003)	1,847
Lift float (LFA mechanic) (cod.T43004)	514

** All options ordered will be shipped separately and relevant mounting as per owner's manual instruction will be at dealer's charge.

Flail head

	TID100
Width (ft)	3'3"
Rotor speed (rpm)	3000
Blade tip speed (ft/sec)	196
Flail head angle	190°
Weight (lbs)	284

TID100
Direct drive



Flails TID 100

Interchangeable on the same rotor

Multi-use and straight blades for: grass, shrubs, bushes, sticks, wood
Ø max 1 1/4"



Cod. 0901158 + Cod. 0901159

n° 36 + 18

Standard

Articulated Y blades for: grass, shrubs,
Ø max 3/4"



Cod. 0901049

n° 36

No extra charge

* Attachment to the tractor 3 point hitch; at dealer's charge. It includes: fitting of the 'delta bracket' and adaption of the stabilizers to the tractor 3 point hitch, fitting of the controls in the cabine and Pto shaft fitting



Equipped with:

- Flail head
- FLOATING head system
- 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
- Packaging on crate included



Prices and Specifications may be subject to change without notice. Prices do not include shipping or setup.

BOOM MOWERS - MID RANGE HP

FERRI

T460 DUAL
HP 35 available to the rotar
HP 45 max to hydraulic motor

T460

SMART

BOOM MOWERS FOR AGRICULTURE AND GREEN AREAS



Floating head system



Mechanical breakaway (arm protection in case of obstacles)



Group 3 cast iron hydraulic rotor pump

classic



Cable controls

Reliability and simply use. Standard on all machines Classic.



The polypropylene oil tank is separated from the frame and allows it to be isolated from any structural stress. **Fully recyclable.**

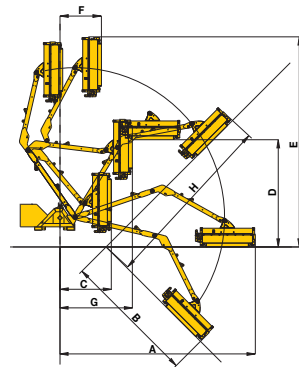
Developed in collaboration with:



HP Tractor	50	60	70	Min. tractor weight lbs	Min. tractor width ft
T460 Smart				4850	5'11"

Working positions

		T460 Smart
A	ft	15'1"
B	ft	10'4"
C	ft	3'9"
D	ft	7'6"
E	ft	16'3"
F	ft	3'1"
G	ft	5'4"
H	ft	13'9"



BOOM MOWERS - MID RANGE HP



Prices Effective as of 3-23

Technical data

Model	Max horizontal reach*	Weight	Three point linkage	Oil	Rotor	Pto	Flail head angle
	ft	lbs	Cat.	gal	Rpm	MAX Rpm	
T460 Smart	15'1"	1279	II	31,7	3.100	540	190°

* Reach measured from tractor centre line to head edge.

Machines with cable controls "Classic"

Model	Suggested Retail - \$
T460 Smart with flail head TID100	20,475

Completing equipment to the base machine at extra charge

WARNING: due to the high offset loads on the linkages it is necessary to fit two stabilizers

	Length Inch.	Suggested Retail - \$
Stabilizers to the tractor (code TST5017)	25" - 35"	375
"Delta yoke" for stabilizers (cod. OPT001121000)		592
Stabilizers for "Delta yoke" (cod. TGA4611)	18" - 28"	314
Top link (cod. TGA5014)	13" - 18"	226

Option at an extra charge delivered separately as a kit **

	Suggested Retail - \$
Oil cooler with thermostat (cod.TM46002)	2,134
Lift float (LFA mechanic) (cod. TM46003)	496
Bumpers with illumination system (cod. TM46008)	1,272

** All options ordered will be shipped separately and relevant mounting as per owner's manual instruction will be at dealer's charge.

Flail head	TID100
Width (ft)	3'3"
Rotor speed (rpm)	3000
Blade tip speed (ft/sec)	196
Flail head angle	190°
Weight (lbs)	284

TID100
Direct drive



Flails TID 100

Interchangeable on the same rotor

Multi-use and straight blades for: grass, shrubs, bushes, sticks, wood
Ø max 1 1/4"



Cod. 0901158 + Cod. 0901159
n° 36 + 18

Standard

Articulated Y blades for: grass, shrubs,
Ø max 3/4"



Cod. 0901049
n° 36

No extra charge

Equipped with:

- Flail Head
- FLOATING head system
- 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

* Attachment to the tractor 3 point hitch: at dealer's charge. It includes: fitting of the 'delta bracket' and adaption of the stabilizers to the tractor 3 point hitch, fitting of the controls in the cabine and Pto shaft fitting



Prices and Specifications may be subject to change without notice. Prices do not include shipping or setup.

BOOM MOWERS - MID RANGE HP



HP 35 available to the rotor
HP 45 max to hydraulic motor



BOOM MOWERS FOR AGRICULTURE AND GREEN AREAS



Floating head system



"Overlap" spiral rotor with two spiral rows



Drop forged brackets for the arms



Drop forged lever for flail head rotation



Oil cooler with thermostat (option)



Cable controls
 Reliability and simply use. Standard on all machines Classic.

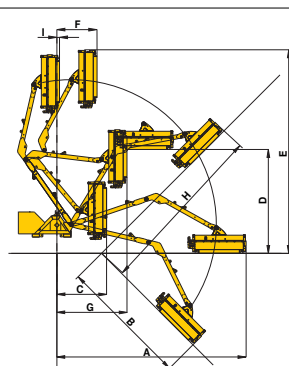


Electra Full
 Monolever electric control with rotor's electric switch

HP Tractor	50	60	70	80	Min. tractor weight lbs	Min. tractor width ft.
TM46 Farm					5512	5'11"

Working positions

		TM46 Farm
A	ft	15'3"
B	ft	10'5"
C	ft	4'0"
D	ft	8'5"
E	ft	16'5"
F	ft	3'3"
G	ft	5'8"
H	ft	13'11"
I	ft	0'3"



BOOM MOWERS - MID RANGE HP



Prices Effective as of 3-23

Technical data

Model	Max horizontal reach* ft.	Weight lbs	Three point linkage Cat.	Oil gal	Rotor Rpm	Pto MAX Rpm	Flail head angle
TM46 Farm	15'3"	1713	II	33	3.100	540	190°

* Reach measured from tractor centre line to head edge.

Machines with cable controls "Classic"

Model	Flails	Suggested Retail - \$
TM46 Farm with flail head TI120	no. 44 multiuse Y blades A	24,952
TM46 Farm with flail head TI120	no. 22 "T" hammers G	25,658

Machines with electric controls "Electra"

Model	Flails	Suggested Retail - \$
TM46 Farm Electra with flail head TI 120	no. 44 multiuse blades A	34,882
TM46 Farm Electra with flail head TI 120	no. 22 "T" hammers G	35,561

Completing equipment to the base machine at extra charge

WARNING: due to the high offset loads on the linkages it is necessary to fit two stabilizers	Length Inch.	Suggested Retail - \$
Stabilizers to the tractor (code TST5017)	25" - 35"	375
"Delta yoke" for stabilizers (code OPT001121000)		592
Stabilizers for "Delta yoke" (code TGA4611)	18" - 28"	314
Top link (cod. TGA5014)	13" - 18"	226

Option at an extra charge delivered separately as a kit **

	Suggested Retail - \$
Lift float (code TM5606)	496
Bumpers with illumination system (code TM46002)	1,272

** All options ordered will be shipped separately and relevant mounting as per owner's manual instruction will be at dealer's charge.

Flail head	TI 120
Width (ft)	3'11"
Rotor speed (rpm)	3100
Blade tip speed (ft/sec)	196
Flail head angle	190°
Weight (lbs)	463



Flails TI 120

Interchangeable on the same rotor

Multiuse "Y" blades for: grass, bushes, shrubs, sticks, woods Ø max 1 1/4"	"T" Hammer for woods Ø max 1 3/4"
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Cod. 0901146



Cod. 0901147

* Attachment to the tractor 3 point hitch: at dealer's charge. It includes: fitting of the 'delta bracket' and adaption of the stabilizers to the tractor 3 point hitch, fitting of the controls in the cabine and Pto shaft fitting



Equipped with:

- Flail head
- Totally independent hydraulic system
- FLOATING head 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



Prices and Specifications may be subject to change without notice. Prices do not include shipping or setup.

BOOM MOWERS - MID RANGE HP

FERRI[®]

SIMPLY. THE MOWER

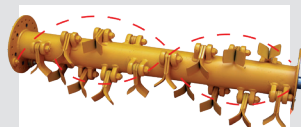
TP

**BOOM MOWERS
FOR AGRICULTURE
AND GREEN AREAS**

HP 41 available to the rotor
HP 45 max to hydraulic motor



Floating head system



"Overlap" spiral rotor with two spiral rows



Frame "DELTA BOX" (forces shared and balanced)



Drop forged parts



Pressurized oil tank (protection cover available on EP-Tronic controls version ONLY)

Pressurized oil tank (protection cover available on EP-Tronic controls version ONLY)

Drop forged leverage for flail head rotation

Frame "Delta Box" (forces shared and balanced)

Cast iron gear pump

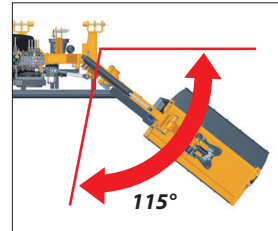
Two independent hydraulic systems

Hydraulic break-back on power slew ram with max relief valves

Drop forged leverage for flail head rotation

Cast iron gear motor

Adjustable rear roller



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

Reversible rotor by cable

classic



Cable controls
Reliability and simply use. Standard on all machines Classic.



EG-Tronic Dual

NEW

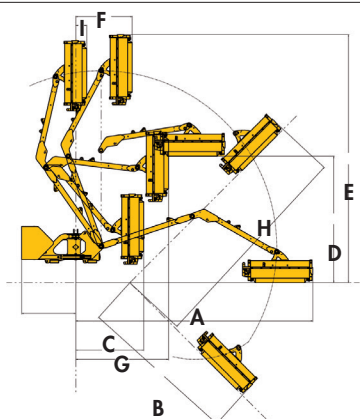
CAN BUS

Proportional electrical control with electric rotor management. The EG Tronic control allows for easy portability of the cab control thanks to a light joystick and the lack of hydraulic hoses. The joystick is connected with an electrical cable to a control unit mounted on the distributor valves. The action is precise for cross movements of the first and second booms. The rotation direction of the rotor is controlled by electric switches on the console.

HP Tractor	60	70	80	90	Min. tractor weight lbs	Min. tractor width ft
TP490					6614	6'7"
TP600					7050	7'3"

Working positions

		TP490 Farm	TP600 Farm
		TI 120	TI 120
A	ft	15'9"	19'5"
B	ft	10'7"	14'2"
C	ft	4'6"	4'7"
D	ft	8'5"	10'10"
E	ft	16'6"	20'2"
F	ft	3'9"	3'9"
G	ft	6'2"	7'1"
H	ft	14'5"	18'
I	ft	0'8"	0'5"



BOOM MOWERS - MID RANGE HP

Technical data

Model	Max horizontal reach*	Weight	Three point linkage	Oil	Rotor	Pto	Flail head angle
	ft	lbs	Cat.	gal	Rpm	MAX Rpm	
TP490	15'9"	1984	II	36	3100	540	190°
TP600	19'5"	2094	II	36	3100	540	190°

* Reach measured from tractor centre line to head edge

MACHINES WITH CABLE CONTROLS "CLASSIC"

Model	Flails	Suggested Retail - \$
TP490 with flail head TI 120	no. 36 multiuse Y blades A	35,589
TP490 with flail head TI 120	no. 18 "T" hammers G	36,286
TP600 with flail head TI 120	no. 36 multiuse Y blades A	36,791
TP600 with flail head TI 120	no. 18 "T" hammers G	37,523

MACHINES WITH PROPORTIONAL ELECTRICAL CONTROL "EG TRONIC"

Model	Flails	Suggested Retail - \$
TP490 with flail head TI 120	no. 36 multiuse Y blades A	46,172
TP490 with flail head TI 120	no. 18 "T" hammers G	46,869
TP600 with flail head TI 120	no. 36 multiuse Y blades A	47,374
TP600 with flail head TI 120	no. 18 "T" hammers G	48,070

■ Completing equipment to the base machine at extra charge

WARNING: due to the high offset loads on the linkages it is necessary to fit two stabilizers

	Length Inch.	Suggested Retail - \$
Stabilizers to the tractor (cod. TGA5020)	25" - 35"	375
"Delta yoke" for stabilizers (code OPT001121000)		592
Stabilizers for "Delta yoke" (code TSN5033)	18 1/2" - 28 1/4"	375
Top link (cod. TGA5014)	13" - 18"	226

■ Option at an extra charge (Factory fitted)

	Suggested Retail - \$
Bumpers with illumination system (code TSP5016/02)	1,420

■ Flail head

	TI120
Cutting width (ft)	3'11"
Rotor speed (rpm)	3100
Blade tip speed (ft/sec)	196
Flail head angle	190°
Weight (lbs)	463

TI 120
Direct drive



Flails TI 120

Interchangeable on the same rotor

Multiuse "Y" blades for: grass, bushes, shrubs, sticks, woods
Ø max 1 1/4"



Cod. 0901146

"T" Hammer for woods

Ø max 1 3/4"



Cod. 0901147

- Due to transport in containers, big models like TP61 and TXV will be supplied partially disassembled. Reassembling as per Ferri instruction booklet will be at dealers charge
- Attachment to the tractor 3 point hitch will also be at dealer's charge. It includes: fitting of the "delta bracket" and adaption of the stabilizers to the tractor 3 point hitch, fitting of the controls in the cabine and Pto shaft fitting.
- Lift float kit and the oil cooler kit could be shipped with the machine but not mounted. In which case the mounting according to Ferri Owner's manual instruction will be at dealer's charge.



Prices and Specifications may be subject to change without notice. Prices do not include shipping or setup.

Prices Effective as of 3-23



Equipped with:

- Flail Head
- Totally independent hydraulic system (worm cast iron pump and motor)
- FLOATING head system
- Drop forged parts for arms linkage and flail head rotation
- Hydraulic break-back on power slew ram with max relief valve
- 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