



FERRI®

Construction



SIMPLY. **THE MOWER**

Range of flail heads, bush cutters and hydraulic reach mowers for maintenance of green areas, for construction equipment applications.



THME



THLD



THM



TIR

















TSKID



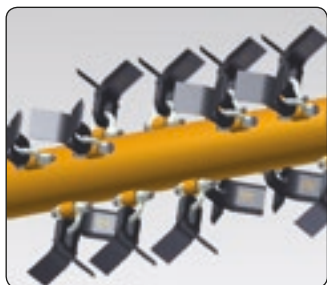
TST

Construction

Mod.	min  max		Utensili di taglio / Cutting flails			Pag.
	m	ft				
THME	0,80	2.6		-	-	4
THLD	0,85 - 1,05	2.8- 3.4			-	5
THM	1,05 - 1,25	3.4- 4.1				6
TIR	145	4.7			-	7

Mod.	min  max		min HP max	Utensili di taglio / Cutting flails			Pag.
	m	ft					
TSKID	1,60 - 2,00	5.2 - 7.3	55 ÷ 95			-	8
TST	1,05	3.4	-			-	10





Standard

- Self-levelling device (with mechanical lock).
- Frame with internal and external reinforcements
- Anti-shock + anti-cavitation valve.
- Hydraulic pipes and connections protected by spiral - m 1,50 (quick couplings excluded).
- Direct drive.
- Rear adjustable roller.
- Replaceable wear skids.
- Double skin flail head.
- Front and rear abrasion resistant guard.

Accessories

- Calibrated steel adjusting valve Kit complete with pipes for capacities up to 90 liters with 60 liters priority valve.
- Linkage as per drawing pins Ø mm *30/35/40.



TECHNICAL DATA										
Model										
	m	ft	m	ft	Kg*	lbs*	lt min÷max	Gal min÷max	max bar	max psi
THME 60	0,60	1.97	0,79	2.59	110	242	12÷24	2.64 ÷ 5.27	200	2900
THME 80	0,80	2.62	0,99	3.25	140	308	24÷32	5.27 ÷ 7.04	200	2900

*Attacco escluso - Linkage not included

CUTTING FLAILS					
Intercambiabili sullo stesso rotore Interchangeable on the same rotor	THME 60	THME 80			
	Nr. - No	Nr. - No	Ø cm	Ø in	
Coltelli snodati per: erba e cespugli Articulated "Y" flails for: grass, bushes		32	40	2	0,79



3500 ÷ 5500 Kg
7716 ÷ 12125 lb



30 ÷ 48 lt./min
6.59 ÷ 10.55 gal/min



Ø max 4 cm
Ø max 1.57 in

THLD

Construction

FLAIL HEADS FOR MINI-EXCAVATORS



Standard

Self-levelling device (with mechanical lock).

Frame with internal and external reinforcements.

- Overlap" rotor.
- Anti-shock + anti-cavitation valve.
- Hydraulic pipes and connections protected by spiral - m 1,50 (quick couplings excluded).
- Direct drive.
- Rear adjustable roller.
- Replaceable wear skids.
- Double skin flail head.

Front and rear abrasion resistant guard.

Accessories

Calibrated steel adjusting valve Kit complete with pipes (for capacities up to 90 liters with 60 liters priority valve).

- Linkage as per drawing pins Ø mm • 35/40/45.



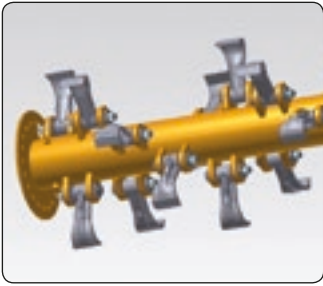
TECHNICAL DATA

Model										
	m	ft	m	ft	Kg*	lbs*	lt min÷max	Gal min÷max	max bar	max psi
THLD 85	0,85	2.79	1,08	3.54	170	374	30÷48	6.59÷10.55	200	2900
THLD 105	1,05	3.44	1,28	4.20	190	418	30÷48	6.59÷10.55	200	2900

* Attacco escluso - Linkage not included

CUTTING FLAILS

Interchangeable on the same rotor		THLD 85	THLD 105		
		Nr. - No	Nr. - No	Ø cm	Ø in
CMultiuse and straight blades for: grass, shrubs, bushes, sticks, wood.		24 + 12	32 + 16	3	1.18
Hammer blades for: wood, shrubs.		12	16	4	1.57



Standard

Self-levelling device (with mechanical lock).

- Frame with internal and external reinforcements.
 - "Overlap" rotor.
 - Anti-shock + anti-cavitation valve.
 - Hydraulic hoses and fittings protected by spiral m 1,80 (excluding quick couplings).
 - Direct drive.
 - Rear adjustable roller.
 - Replaceable wear skids.
 - Double skin flail head.
- Front and rear abrasion resistant guard.

Accessories

Calibrated steel adjusting valve Kit complete with pipes (for capacities up to 160 liters with 90 liters priority valve).

- Linkage as per drawing pins Ø mm 45/50.



TECHNICAL DATA

Model										
	m	ft	m	ft	Kg*	lbs*	lt min÷max	Gal min÷max	max bar	max psi
THM 105	1,05	3.44	1,29	4.23	333	734	60÷100	13.2÷22.0	220	3190
THM 125	1,25	4.10	1,49	4.88	348	767	60÷100	13.2÷22.0	220	3190

*Linkage not included

CUTTING FLAILS

Interchangeable on the same rotor		THM 105	THM 125		
		Nr. - No	Nr. - No	Ø cm	Ø in
Multise blades for grass, bushes, shrubs, sticks, wood		36	44	4	1.57
Hammer for wood and shrubs		18	22	6	2.36
Tourning blades for wood		-	18	8	3.15



10000 ÷ 15000 Kg
22046 ÷ 33069 lb



90 ÷ 100 lt./min
19.8 ÷ 22.0 gal/min



Ø max 7 cm
Ø max 2.75 in

TIR

Construction

FLAIL HEADS FOR EXCAVATORS



TECHNICAL DATA

Model										
	m	ft	m	ft	Kg*	lbs*	lt min÷max	Gal min÷max	max bar	max psi
TIR 150 Motore idraulico ad ingranaggi Gear Hydraulic system	1,45	4.75	1,68	5.51	630	1388	95÷110	19.8 ÷ 22.0	220	3190
TIR 150 Motore idraulico a pistoni Piston Hydraulic system	1,45	4.75	1,68	5.51	630	1388	95÷110	19.8 ÷ 22.0	220	3190

(* con dispositivo autolivellante, attacco escluso - (*) With self-leveling kit, linkage not included

CUTTING FLAILS

Interchangeable on the same rotor		TIR 150	
		Nr. - No	
CMultiuse and straight flails for grass, bushes, shrubs, sticks, wood		48+24	5 1.97
Hammer for: wood		24	7 2.75

Standard

In line anti-shock + anti-cavitation valve.
Hydraulic pipes and connections protected by spiral – m 2,20 (quick couplings excluded).

- Belt transmission.
- Rear adjustable roller.
- Double skin flail head.
- Replaceable wear skids.
- Front guard with chains.

Accessories

- Calibrated steel adjusting valve kit for capacities up to 160 litres with 90 litres priority valve.
- Calibrated steel adjusting valve kit for capacities up to 280 litres with 190 litres priority valve.
- Hydraulic orientation gear, 180°, to work in both directions.
- Linkage as per drawing pins Ø mm 50/60.



"Overlap" rotor.



Anti-shock + anti-cavitation valve.



Self levelling device to follow ground contours with 185 mm excursion.




Hydraulic flail head for works on uncultivated land, underwood and green areas, with grass, bushes, pruning and brambles up to Ø 4 cm.

It is applied to skid steer loaders with power ranging between 55 HP and 100 HP and with oil flow from 55/12 to 95/21 liters / gal min.







The shredded material is discharged before the rear roller to ensure protection to the operator from debris and dust.

TECHNICAL DATA

Model										
	m	ft	m	ft	Kg	lbs	lt min÷max	Gal min÷max	max bar	max psi
TSKID1600	1,60	5.25	1,87	6.13	712	1570	55÷70	12.1÷15.4	190÷210	2755÷3045
TSKID1800	1,80	5.90	2,07	6.79	748	1649	65÷80	14.3÷17.6	190÷210	2755÷3045
TSKID2000	2,00	6.56	2,27	7.44	780	1719	75÷95	16.5÷20.9	190÷210	2755÷3045

CUTTING FLAILS

Interchangeable on the same rotor		TSKID 1600	TSKID 1800	TSKID 2000		
		Nr. - No	Nr. - No	Nr. - No	Ø cm	Ø in
Hammer for: wood and shrubs		16	18	20	4/5	1.57/1.97
Multiuse flails for: grass, bushes, shrubs, sticks, wood		48	54	60	3	1.18



Accessori

- Kit valvola regolatrice in acciaio completa di tubi collegamento motore (cod. TSK2007)
- Spostamento (DX e SX cm 28) a mezzo martinetto idraulico completo di tubi con raccorderia protetti da spirale (esclusi attacchi rapidi)
- Kit spostamento (DX e SX cm 28) a mezzo martinetto idraulico azionato da elettrovalvola completo di tubi con raccorderia, protetti da spirale (esclusi attacchi rapidi) (cod. TSK1602)

Standard equipment

- Linkage (SAE J2513) with self-levelling device.
- Mechanical side shift (RH and LH cm 28).
- Anti-shock + anticavitation valve.
- "Overlap" rotor.
- Hydraulic pipes and connections protected by spiral – m 3,00 (quick couplings excluded).
- Belts transmission.
- Adjustable skids with replaceable wear proof plates.
- Rear adjustable roller Ø 168 mm.
- Counterblade.
- Rubber and abrasion resistant guard.

Accessories:

- Steel adjusting valve Kit complete with pipes.
- 28 cm LH and RH hydraulic sideshift complete with hydraulic hoses and fittings protected by spiral (quick couplings excluded).
- Hydraulic side shift kit (28 cm LH and RH) engaged by electro valve, complete with hydraulic hoses and fittings protected by spiral (quick couplings not included) (cod. TSK1602)

HYDRAULIC FLAIL HEDGER MOWER FOR BACKHOE LOADERS AND ARTICULATED LOADERS.



Transport position.

Single lever electrical controls



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.



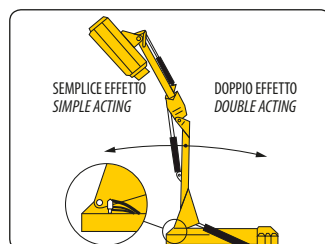
The particular geometry of the arms allows the reach mower positioning in such a way that it does not hinder the visibility during the transfer.



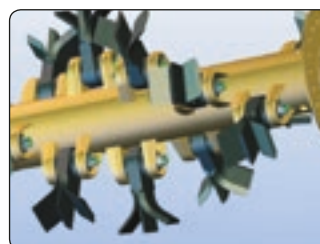
Hydraulic break-back with accumulator controlled autoreset facility.



Nitrogen accumulators.










Double acting device.



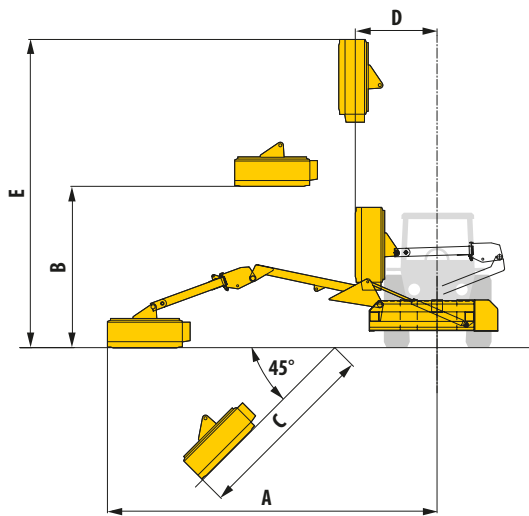
Rotore elicoidale "OVERLAP" a doppia elica con coltelli sovrapposti.
"OVERLAP" double row spiral rotor with overlapping flails.

TECHNICAL DATA

Model														
	m	ft	m	ft	m	ft	m	ft	Kg	lbs	lt min÷max	Gal min÷max	max bar	max psi
TST 50	1,00	3.28	4,84	15.87	4,73	15.51	2,75	9.02	910	2006	80÷100	21.0÷26.0	220	3190




WORKING POSITIONS






	TST50	
	m	ft
A	4,84	15.88
B	2,37	7.78
C	2,75	9.02
D	2,21	7.25
E	4,73	15.52

FLAILHEADS



Modello Model		
	Kg	lbs
TN 100	265	584

CUTTING FLAILS

Interchangeable on the same rotor	TST 50 Nr. - No		
		Ø cm	Ø in
Multiuse and straight flails for grass, bushes, shrubs, sticks, wood	 28+14	4	1.57
"T" Hammer for: wood	 14	5	1.96

• Accessori

- Scambiatore di calore con termostato (cod. TST500103)

Standard equipment

- Flail head mod. TN100.
- Floating head.
- Hydraulic break-back with accumulator controlled autoreset facility.
- Automatic kit for arms' overturn.
- Electric progressive controls with joystick.
- Lift float with accumulator.
- Front and rear abrasion resistant guard

for flail head.

- Balancing ballast (Kg 135).

Accessories:

- Oil cooler with thermostat (cod. TST500103)