

FORESTRY MULCHERS

UML/ST - FML/ST



from 50 to 110 HP



Ø20 cm max

FORESTRY MULCHER WITH FIXED TOOTH ROTOR (UML/ST) OR SWINGING HAMMER ROTOR (FML/ST).

This forestry mulcher was designed and built for use with low horsepower tractors. It is rated for bushes, crop residue, and trees up to 25 (max diameter).

The UML/ST (or FML/ST) is a compact, heavy duty mulcher with high productivity.



STANDARD EQUIPMENT

PTO shaft (FML/ST)
PTO shaft with cam clutch (UML/ST)
Gearbox with freewheel
Transmission with belts in XPB
Rear hood
Welded steel counter-blades
Adjustable skids
Protection chains

OPTIONS

Possibility to choose Transmission 540 / 1000 rpm
Frontal attachment
Extended 3 point linkage
Hydraulic top link
Mechanical push frame
Special skids to go underground (UML/ST)
Different teeth (UML/ST)



Mechanical push frame
(optional)

Reversible attachment
(optional)

Rotor with swinging or fixed hammers rotor

Choice between 540 rpm and 1000 rpm transmission

MODEL	Tractor (HP)		PTO (rpm)	Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth type C/3 + C/3/SS	No. teeth type I + C/3/SS	No. teeth type FMM
	min	max								
UML/ST 125	50	110	540 o 1000	1340	1630	840	200	26+2	36+2	/
UML/ST 150	60	110	540 o 1000	1580	1840	900	200	32+2	42+2	/
UML/ST 175	70	110	540 o 1000	1820	2080	970	200	36+2	50+2	/
UML/ST 200	80	110	540 o 1000	2060	2380	1040	200	42+2	58+2	/
FML/ST 125	50	100	540 o 1000	1340	1630	820	200	/	/	20
FML/ST 150	60	110	540 o 1000	1580	1840	890	200	/	/	24
FML/ST 175	70	110	540 o 1000	1820	2080	950	200	/	/	28
FML/ST 200	80	110	540 o 1000	2060	2380	1020	200	/	/	32

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FORESTRY MULCHERS

UML/LOW



from 60 to 110 HP



Ø20 cm max

FORESTRY MULCHER WITH FIXED TOOTH ROTOR.

The compact size and design of the UML make it suitable for wheeled or tracked tractors which is ideal to run in orchards and vineyards. The low position allows the main PTO shaft to work at an optimal angle and the frame has been reinforced to resist any warping caused by the steering movements of a tractor.

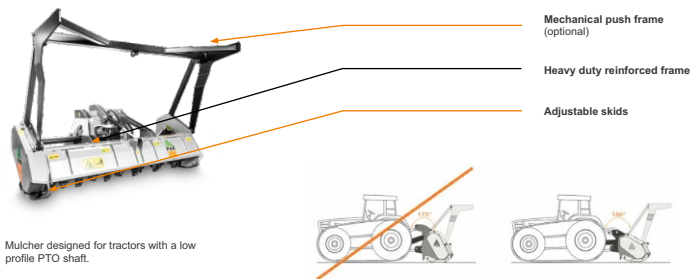


STANDARD EQUIPMENT

PTO shaft with cam clutch
Gearbox with freewheel
Transmission with belts in XPB
Hydraulic rear hood
Welded steel counter-blades
Adjustable skids
Reinforced heavy duty frame to increase axial loads
Protection chains

OPTIONS

Hydraulic top link
Mechanical push frame
Special skids to go underground
Multiple tooth options



MODEL	Tractor (HP)		PTO (rpm)	Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth type C/3 + C/3/SS	No. teeth type I + C/3/SS
	min	max							
UML/LOW 150	60	100	540	1580	1840	930	200	32+2	42+2
UML/LOW 175	70	110	540	1820	2080	1060	200	36+2	42+2
UML/LOW 200	80	110	540	2060	2380	1190	200	42+2	42+2

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FORESTRY MULCHERS

UML/DT - FML/DT



from 80 to 130 HP



Ø25 cm max

FORESTRY MULCHER WITH FIXED TOOTH ROTOR (UML/DT) OR SWINGING HAMMER ROTOR (FML/DT).

A high production forestry mulcher with the strength to mulch bushes, crop residue, and trees up to a maximum 25 cm in diameter. The UML/DT - FML/DT has a compact size and heavy duty construction making it an ideal solution for many different applications. The dual transmission allows for better power distribution, giving the mulcher better mechanical advantage when working in heavy material.

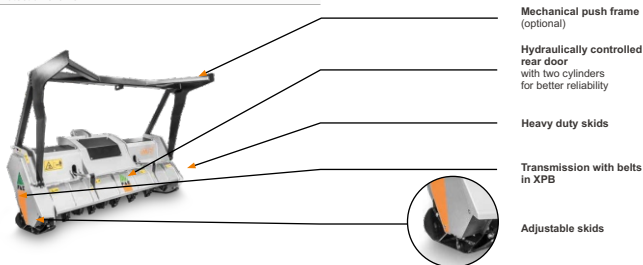


STANDARD EQUIPMENT

PTO shaft (FML/DT)
PTO shaft with cam clutch (UML/DT)
Gearbox with freewheel
Transmission with belts in XPB
Hydraulic rear hood (FML/DT: by means of two cylinders)
Welded steel counter-blades
Adjustable skids
Enclosed machine body
Protection chains

OPTIONS

Frontal attachment
Extended 3 point linkage
Hydraulic top link
Mechanical push frame
Hydraulic push frame
Special skids to go underground (UML/DT)
Different teeth (UML/DT)



MODEL	Tractor (HP)		PTO (rpm)	Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth type C/3 + C/3/SS	No. teeth type I + C/3/SS	No. teeth type FMM
	min	max								
UML/DT 200	80	130	1000	2060	2380	1500	250	42+2	58+2	/
UML/DT 225	90	130	1000	2300	2620	1600	250	46+2	66+2	/
FML/DT 200	80	130	1000	2060	2380	1350	250	/	/	32
FML/DT 225	90	130	1000	2300	2620	1460	250	/	/	36

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NEW

FORESTRY MULCHERS

UML/S/DT



from 130 to 190 HP



Ø25 cm max

FORESTRY MULCHER WITH FIXED TOOTH ROTOR.

The UML/S/DT improves the most important aspects of the FAE mulcher experience. It introduces a new advanced design of mulchers. FAE's new forestry mulcher machine, the UML/S/DT replaces the former model UML/DT/HD.

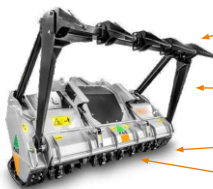


STANDARD EQUIPMENT

PTO shaft with cam clutch
Gearbox with freewheel
Hydraulic hood
Enclosed machine body
Centralized greasing hub
Hydraulic hoses integrated in the frame
Cylinder protections, adjustable skids
Transmission with XPB belts
Interchangeable bolted on spike counter blade
Inner anti wear FCP plates
Bolted on protection chains

OPTIONS

Special skids to go underground
Mechanical push frame
Hydraulic push frame
W style self aligning device between PTO drive shaft/gearbox
Z style self ranging system of the PTO drive shaft/gearbox
Extra ripper for push frame
Interchangeable bolt on counter blades
Hydraulic top link
Multiple tooth options



W style self aligning device between PTO drive shaft/gearbox
allows the mulcher to work in several angles without damaging the PTO (optional)

Z style self ranging system of the PTO drive shaft/gearbox
always keeps the correct operating angle between the PTO shaft and the power take-off (optional)

Inner anti wear clad plates FCP
absorbs wear while protecting the frame



Interchangeable bolted on spike counter blade
can adjust final product size while operating

MODEL	Tractor (HP)		PTO (rpm)	Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth type C/3 + C/3/SS	No. teeth type I + C/3/SS
	min	max							
UML/S/DT 200	130	190	1000	2070	2430	1690	250	42+2	60+2
UML/S/DT 225	130	190	1000	2310	2670	1825	250	48+2	66+2

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FORESTRY MULCHERS

UML/ST - FML/ST



from 50 to 110 HP



Ø20 cm max

FORESTRY MULCHER WITH FIXED TOOTH ROTOR (UML/ST) OR SWINGING HAMMER ROTOR (FML/ST).

This forestry mulcher was designed and built for use with low horsepower tractors. It is rated for bushes, crop residue, and trees up to 25 (max diameter).

The UML/ST (or FML/ST) is a compact, heavy duty mulcher with high productivity



STANDARD EQUIPMENT

PTO shaft (FML/ST)
PTO shaft with cam clutch (UML/ST)
Gearbox with freewheel
Transmission with belts in XPB
Rear hood
Welded steel counter-blades
Adjustable skids
Protection chains

OPTIONS

Possibility to choose Transmission 540 / 1000 rpm
Frontal attachment
Extended 3 point linkage
Hydraulic top link
Mechanical push frame
Special skids to go underground (UML/ST)
Different teeth (UML/ST)



Mechanical push frame (optional)

Reversible attachment (optional)

Rotor with swinging or fixed hammers rotor

Choice between 540 rpm and 1000 rpm transmission



MODEL	Tractor (HP)		PTO (rpm)	Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth type C/3 + C/3/SS	No. teeth type I + C/3/SS	No. teeth type FMM
	min	max								
UML/ST 125	50	110	540 o 1000	1340	1630	840	200	26+2	36+2	/
UML/ST 150	60	110	540 o 1000	1580	1840	900	200	32+2	42+2	/
UML/ST 175	70	110	540 o 1000	1820	2080	970	200	36+2	50+2	/
UML/ST 200	80	110	540 o 1000	2060	2380	1040	200	42+2	58+2	/
FML/ST 125	50	100	540 o 1000	1340	1630	820	200	/	/	20
FML/ST 150	60	110	540 o 1000	1580	1840	890	200	/	/	24
FML/ST 175	70	110	540 o 1000	1820	2080	950	200	/	/	28
FML/ST 200	80	110	540 o 1000	2060	2380	1020	200	/	/	32

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FORESTRY MULCHERS

UMM/S - UMM/S/HP



from 180 to 350 HP



Ø35 cm max

HIGH PRODUCTIVITY
AND LOW WEIGHT

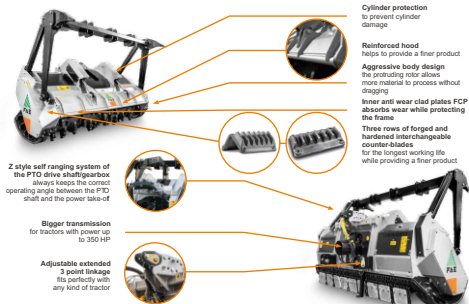
FORESTRY MULCHER WITH FIXED TOOTH ROTOR.

The UMM is a robust mulcher with high productivity and light weight. Equipped with a fixed tooth rotor, the UMM is a very versatile mulcher capable of running on tractors from 180 HP to 350 HP. It is rated to mulch trees up to 35 cm diameter. Our auto aligning PTO system helps ensure an optimum working position.

STANDARD EQUIPMENT	
PTO shaft with cam clutch	Z style self ranging system of the PTO drive shaft/gearbox
Gearbox with freewheel	Cylinder protection
Transmission with belts in Poly-V Kevlar	Stronger HP transmission for tractors up to 450 HP
Hydraulic hood	Dual row protection chains
Forged and hardened interchangeable counter-blades	Protection plates for bolt-on chains
Three rows of forged and hardened interchangeable counter-blades	
OPTIONS	
Inner anti wear clad plates FCP	W style self aligning device between PTO drive shaft/gearbox
Adjustable skids	Mechanical push frame
Adjustable extended 3 point linkage	Hydraulic push frame
Enclosed machine body	Extra ripper for push frame
Centralized greasing hub	Hydraulic clutch transmission (UMM/S/HP 225 and 250)
Hydraulic top link	Special skids to go underground
Hydraulic hoses integrated in the frame	Multiple tooth options



FEATURES



MAIN OPTIONS



MODEL	Tractor (HP)		PTO (rpm)	Working width (mm)	Total width (mm)	Weight including rotor (kg)		Max shredding diameter (mm)	No. teeth type	
	min.	max.				tipo C/3	tipo B/3		B/3+C/3/SS	C/3+C/3/SS
UMM/S 200	180	280	1000	2060	2490	2940	3250	350	72+2	44+2
UMM/S 225	190	280	1000	2300	2730	3070	3360	350	80+2	50+2
UMM/S 250	200	280	1000	2540	2970	3210	3520	350	92+2	56+2
UMM/S/HP 200	180	350	1000	2060	2490	2980	3280	350	72+2	44+2
UMM/S/HP 225	190	350	1000	2300	2730	3310	3580	350	80+2	50+2
UMM/S/HP 250	200	350	1000	2540	2970	3450	3870	350	92+2	56+2

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FORESTRY MULCHERS

UMH/S - UMH/S/HP



from 240 to 450 HP



Ø40cm max

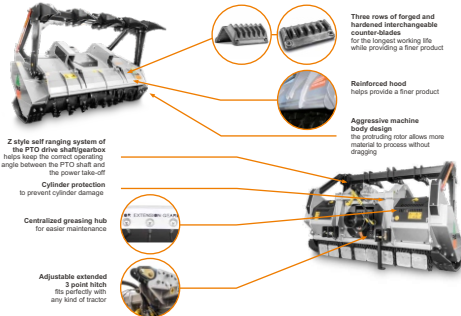
INDUSTRY STANDARD
FOR PROFESSIONAL

FORESTRY MULCHER WITH FIXED TOOTH ROTOR.

The UMH is FAE's top of the line tractor mounted forestry mulcher. It is rated for trees up to 40 cm diameter and is designed to work with high horsepower tractors. The double-layer frame allows better performance without sacrificing safety, and increases the lifespan of the attachment. The large diameter of the rotor delivers an excellent finished product that is fine and consistent.

STANDARD EQUIPMENT	
PTO shaft	Z style self ranging system of the PTO drive shaft/gearbox
Cam clutch on side PTO	Cylinder protection
Gearbox with freewheel	Stronger HP transmission for tractors up to 450 HP
Transmission with belts in XPC	Dual row protection chains
Hydraulic hood	Protection plates for bolt-on chains
Forged and hardened interchangeable counter-blades	
Third row of interchangeable forged and hardened counter-blades	
Inner anti wear clad plates FCP	
Adjustable skids	OPTIONS
Adjustable extended 3 point linkage	W style self aligning device between PTO drive shaft/gearbox
Enclosed machine body	Mechanical push frame
Centralized greasing hub	Hydraulic push frame
Hydraulic top link	Extra ripper for push frame
Hydraulic hoses integrated in the frame	Hydraulic clutch transmission (UMH/S)
	Special skids to go underground
	Multiple tooth options

FEATURES



MAIN OPTIONS



MODEL	Tractor (HP)		PTO (rpm)	Working width (mm)	Total width (mm)	Weight including rotor (kg)		Max shredding diameter (mm)	No. teeth type		
	min	max				Spo C/3	Spo A/3		A/3 + MH	C/3 + C/3/SS	
UMH/S 225	240	400	1000	2320	2820	4050	4360	400	88+2	54+2	
UMH/S 250	250	400	1000	2560	3060	4290	4510	400	96+2	60+2	
UMH/S/HP 225	240	450	1000	2320	2820	4100	4410	400	88+2	54+2	
UMH/S/HP 250	250	450	1000	2560	3060	4340	4560	400	96+2	60+2	

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FORESTRY MULCHERS

UMH/MEGA



from 350 to 500 HP



Ø50 cm max



D25 cm

FORESTRY MULCHER WITH FIXED TOOTH ROTOR.

UMH/MEGA is a unique forestry mulcher. It is designed for the most powerful tractors available, and allows you to work large areas in a quick and effective way. The UMH/MEGA was built for operators seeking a highly productive mulcher combined with an extremely efficient tiller. It can mulch trees up to 50 cm diameter and grind at a depth of 25 cm, all in one machine.

STANDARD EQUIPMENT

PTO shaft
Gearbox with freewheel
Gearbox with oil cooling system
Transmission with belts in Poly-Chain® Carbon
Hydraulic hood
Forged and hardened interchangeable counter-blades
Third row of interchangeable forged and hardened counter-blades
Inner and wear clad plates FCP
Adjustable skids
Adjustable extended 3 point linkage
Enclosed machine body
Centralized greasing hub
Hydraulic top link

Hydraulic clutch transmission
Hydraulic hoses integrated in the frame
Z style self ranging system of the PTO drive shaft/gearbox
Cylinder protection
Internal lateral protection
Dual row protection chains

OPTIONS

Hydraulically adjustable skids
W style self aligning device between PTO drive shaft/gearbox
Mechanical push frame
Hydraulic push frame
Extra ripper for push frame
Multiple tooth options

FEATURES



Three rows of forged and hardened interchangeable counter-blades for the longest working life while providing a finer product



Aggressive body design: the protruding rotor allows more material to process without dragging

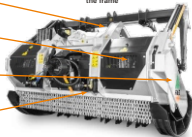
Z style self-ranging system for the PTO drive shaft/gearbox helps keep the correct operating angle between the PTO shaft and the power take-off
Inner and wear clad plates FCP absorbs wear while protecting the frame

Cylinder protection to prevent cylinder damage

Standard hydraulic clutch transmission protects the transmission at PTO engagement for smooth starting and improves machine performance

Side transmission with belts in Poly-Chain® Carbon for longer lasting performance

Adjustable extended 3 point hitch fits perfectly with any type of tractor



MAIN OPTIONS



1 Hydraulically adjustable skids allow the rotor to penetrate deeply into the soil for grinding stumps and roots



2 W style self-aligning device between PTO drive shaft/gearbox allows the mulcher to work at several angles without damaging the PTO



3 Mechanical/hydraulic push frame guides and pushes material away from carrier



4 Additional ripper for push frame helps with the positioning of standing material while mulching

MODEL	Tractor (HP)	PTO (rpm)	Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	Max working depth (mm)	No. teeth type A/3 + M/4
UMH/MEGA 225	350 500	1000	2320	2820	5970	500	250	96+2
UMH/MEGA 250	350 500	1000	2560	3060	6320	500	250	106+2

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MULCHER
ONE OF A KIND
DESIGNED FOR THE MOST POWERFUL TRACTORS
ON THE MARKET

