

**OUR**  
**SUPERB PERFORMANCE**  
WILL WIN YOU OVER



# FORESTRY MULCHERS

Our forestry mulchers combine quality and efficiency with the longest lasting components. Applications include shredding trees, bushes, leftover trimmings, crop debris, and underbrush. Our mulchers allow you to work in narrow spaces or where maneuvering is limited, thanks to our compact design.



## UML/ST - FML/ST

Forestry mulcher with fixed tooth rotor (UML/ST) and with swinging hammers rotor (FML/ST)..

p. 010

Min

Max



## UML/LOW

Forestry mulcher with fixed tooth rotor.

p. 011

Min

Max



## UML/DT - FML/DT

Forestry mulcher with fixed tooth rotor (UML/DT) and with swinging hammers rotor (FML/DT).

p. 012

Min

Max



## UML/S/DT

Forestry mulcher with fixed tooth rotor.

p. 013

Min

Max



## UMM/DT

Forestry mulcher with fixed tooth rotor.

p. 014

Min

Max



## UMM/S - UMM/S/HP

Forestry mulcher with fixed tooth rotor.

p. 016

Min

Max



## UMH/S - UMH/S/HP

Forestry mulcher with fixed tooth rotor.

p. 018

Min

Max



## UMH/MEGA

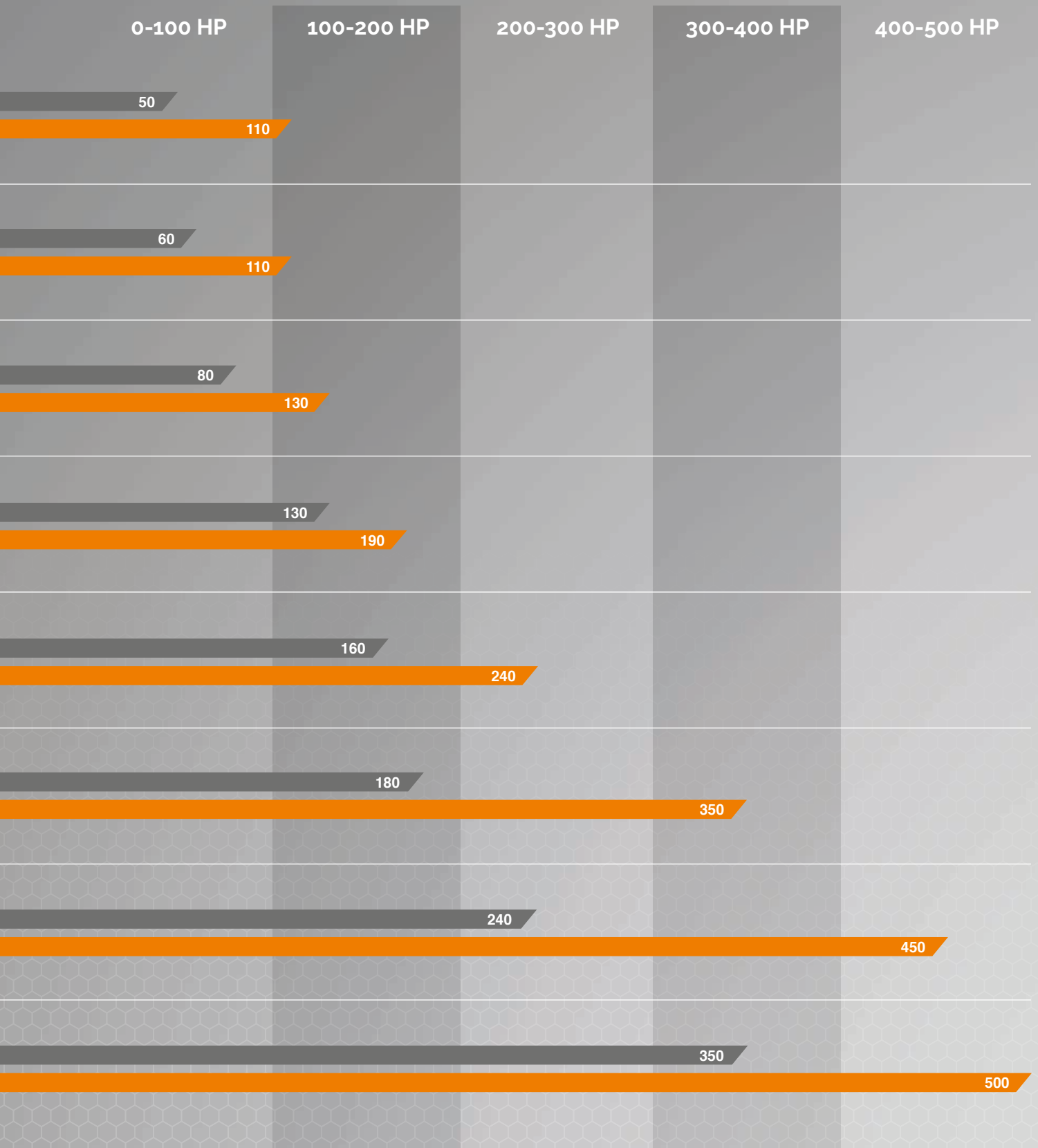
Forestry mulcher with fixed tooth rotor.

p. 020

Min

Max

# THE SOLUTION TO ALL **YOUR NEEDS**



## 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
Trasmission 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

Data refers to machine as standard. The technical data in this catalog may be altered without prior notice.



from 60 to 110 HP



Ø 20 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
Trasmission 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

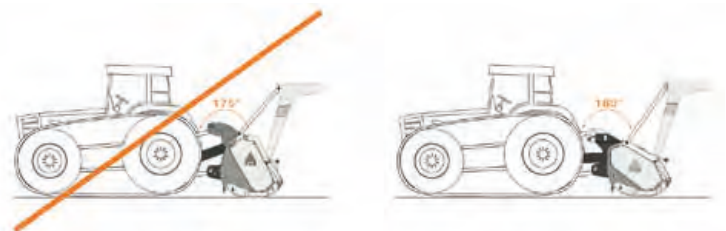


**Mechanical push frame**  
(optional)

**Heavy duty reinforced frame**

**Adjustable skids**

Mulcher designed for tractors with a low profile PTO shaft.



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							
<b>UML/LOW 150</b>	60	100	540	1580	1840	930	200	32+2	42+2
<b>UML/LOW 175</b>	70	110	540	1820	2080	1060	200	36+2	42+2
<b>UML/LOW 200</b>	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



Ø 25 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
Trasmission 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)



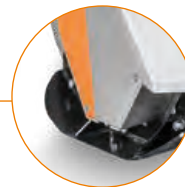
**Mechanical push frame**  
(optional)

**Hydraulically controlled rear door**  
with two cylinders for better reliability

**Heavy duty skids**

**Transmission with belts in XPB**

**Adjustable skids**



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****Ø 25 cm max****FORESTRY MULCHER WITH FIXED TOOTH ROTOR.**

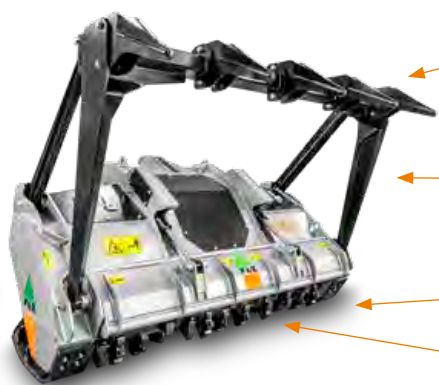
The UML/S/DT improves the most important aspects of the FAE mulcher experience. It introduces a new advanced design of mulchers. FAE's new forestry mulcher machine, the UML/S/DT replaces the former model UML/DT/HD.

**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 bolt on counter blades
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
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							
<b>UML/S/DT 200</b>	130	190	1000	2070	2430	1520	250	42+4	60+2
<b>UML/S/DT 225</b>	130	190	1000	2310	2670	1630	250	46+4	66+2

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from 160 to 240 HP



Ø 30 cm max

## FORESTRY MULCHER WITH FIXED TOOTH ROTOR.

A professional mulcher with fixed teeth for processing material up to 30 cm in diameter. The UMM/DT offers a compact size that makes it easy to handle while mulching, especially for difficult applications like steep slopes. This mulcher features a heavy duty frame with protection integrated for the cylinder and hydraulic link. It also features interchangeable counter-blades for easy maintenance and replacement, as well as a centralized greasing hub, push frame with ripper, and adjustable linkage for mounting to a 3 point hitch.

### STANDARD EQUIPMENT

- PTO shaft with cam clutch
- Gearbox with freewheel
- Transmission with belts in XPB
- Hydraulic hood
- Forged and hardened interchangeable counter-blades
- Interchangeable inner antiwear plates in Hardox®
- Adjustable skids
- Enclosed machine body
- Centralized greasing hub
- Hydraulic top link
- Z style self ranging system of the PTO drive shaft/gearbox
- Hydraulic hoses integrated in the frame

- Cylinder protection
- Dual row protection chains

### OPTIONS

- Third row of interchangeable forged and hardened counter-blades
- W style self aligning device between PTO drive shaft/gearbox
- Mechanical push frame
- Hydraulic push frame
- Extra ripper for push frame
- Special skids to go underground
- Multiple tooth options

## FEATURES



**Cylinder protection**  
to prevent cylinder damage



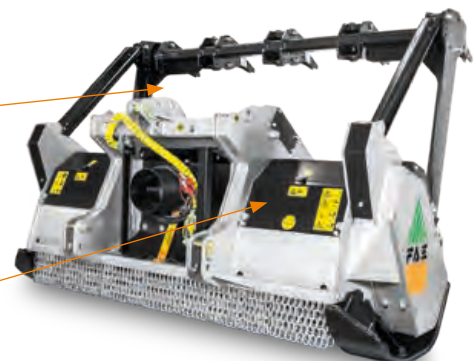
**Reinforced hood**  
helps to provide a finer product

**Forged and hardened interchangeable counter-blades**  
for the longest working life while providing a finer product

**Z style self ranging system of the PTO drive shaft/gearbox**  
helps keep the correct operating angle between the PTO shaft and the power take-off



**Centralized greasing hub**  
allows easy maintenance







## MAIN OPTIONS



- 1** **Third row of counter-blades**  
processes material to a finer finished product



- 2** **W style self aligning device between PTO drive shaft/gearbox**  
allows the mulcher to work in 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)	No. teeth type C/3 + C/3/SS	No. teeth type I + C/3/SS
	min	max							
UMM/DT 200	160	240	1000	2070	2470	2180	300	42+2	58+2
UMM/DT 225	170	240	1000	2310	2710	2430	300	46+2	66+2
UMM/DT 250	180	240	1000	2550	2950	2500	300	52+2	74+2

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## FORESTRY MULCHERS

# UMM/S - UMM/S/HP



from 180 to 350 HP



Ø 35 cm max

## 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
Gearbox with freewheel
Transmission with belts in Poly-V Kevlar
Hydraulic hood
Forged and hardened interchangeable counter-blades
Three rows of forged and hardened interchangeable counter-blades
Inner anti wear clad plates FCP
Adjustable skids
Adjustable extended 3 point linkage
Enclosed machine body
Centralized greasing hub
Hydraulic top link
Hydraulic hoses integrated in the frame

Z style self ranging system of the PTO drive shaft/gearbox
Cylinder protection
Stronger HP transmission for tractors up to 450 HP
Dual row protection chains
Protection plates for bolt-on chains

### OPTIONS

W style self aligning device between PTO drive shaft/gearbox
Mechanical push frame
Hydraulic push frame
Extra ripper for push frame
Hydraulic clutch transmission (UMM/S/HP 225 and 250)
Special skids to go underground
Multiple tooth options

## FEATURES



**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



**Bigger transmission**  
for tractors with power up to 350 HP

**Adjustable extended 3 point linkage**  
fits perfectly with any kind of tractor



**Cylinder protection**  
to prevent cylinder damage

**Reinforced hood**  
helps to provide a finer product

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

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

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





## MAIN OPTIONS



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



- 2** **Mechanical/hydraulic push frame** guides and pushes material away from carrier



- 3** **Additional ripper for push frame** helps with the positioning of standing material while mulching



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

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



Ø 40 cm max

### 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
Cam clutch on side PTO
Gearbox with freewheel
Transmission with belts in XPC
Hydraulic hood
Forged and hardened interchangeable counter-blades
Third row of interchangeable forged and hardened counter-blades
Inner anti wear clad plates FCP
Adjustable skids
Adjustable extended 3 point linkage
Enclosed machine body
Centralized greasing hub
Hydraulic top link
Hydraulic hoses integrated in the frame

Z style self ranging system of the PTO drive shaft/gearbox

Cylinder protection

Stronger HP transmission for tractors up to 450 HP

Dual row protection chains

Protection plates for bolt-on chains

#### OPTIONS

W style self aligning device between PTO drive shaft/gearbox

Mechanical push frame

Hydraulic push frame

Extra ripper for push frame

Hydraulic clutch transmission (UMH/S)

Special skids to go underground

Multiple tooth options

### FEATURES



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



**Reinforced hood**  
helps provide a finer product

**Z style self ranging system of the PTO drive shaft/gearbox**  
helps keep the correct operating angle between the PTO shaft and the power take-off

**Cylinder protection**  
to prevent cylinder damage

**Centralized greasing hub**  
for easier maintenance

**Adjustable extended 3 point hitch**  
fits perfectly with any kind of tractor



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





## MAIN OPTIONS



1

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



2

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



3

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



4

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

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 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 anti 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

Inside 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

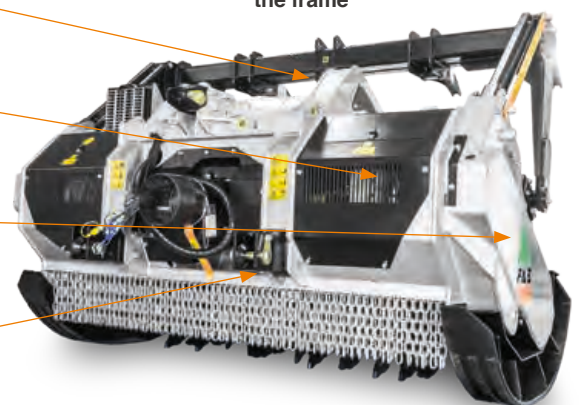
**Cylinder protection**  
to prevent cylinder damage

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

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

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

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



**MULCHER**  
ONE OF A KIND

**DESIGNED FOR THE MOST POWERFUL TRACTORS**  
ON THE MARKET



## 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 + MH
	min	max							
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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