

NEW SONIC SYSTEM

FORESTRY MULCHERS FOR EXCAVATORS

UML/HY - UML/HY/VT - UML/HY/SONIC - FML/HY

Forestry mulcher with fixed tooth rotor (UML/HY) or swinging hammer rotor (FML/HY) for excavators.

With its updated design, the UML/HY has increased its strength and durability. The addition of the VT motor option has made the UML/HY/VT one of the most productive units in its class. The hydraulic motor is internally positioned in the frame to protect it

from dirt and potential damage, ensuring maximum reliability throughout the life of the attachment. The VT version with automatic variable displacement hydraulic motor increases productivity by up to 50% and simultaneously reduces fuel consumption.



Sonic System



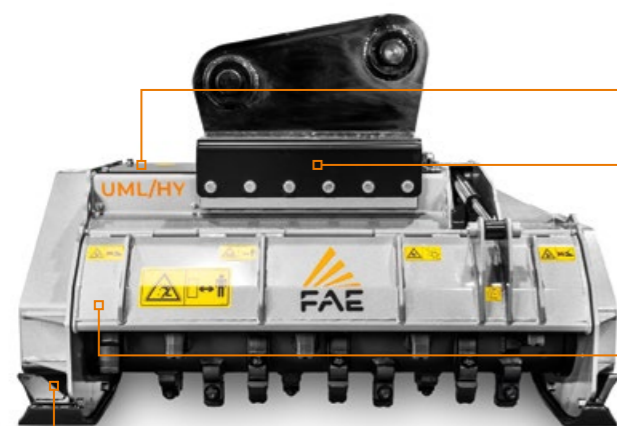
90-170 L/min



Ø 15 cm max



9-15 t



Motor enclosed frame
protected from dirt and damage

Customized attachment bracket with pins (optional)

Flow control valve
to protect the motor from excessive flow



Steel counter-blades
helps mulch material into a smaller final size



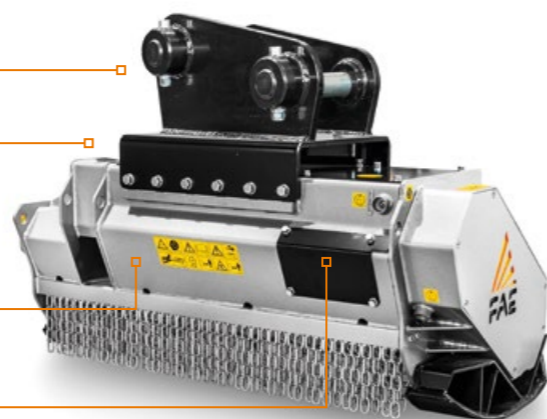
Sonic System
is a new automatic intelligent system that manages the hydraulic transmission. It makes the mulching machine to perform at the maximum capacity in all conditions (UML/HY/SONIC)

Fixed tooth rotor (UML/HY) or swinging hammers rotor (FML/HY)



Hydraulic piston motor
from 32 to 65 cc with relief
and anticavitation valve
(UML/HY)

80/50cc variable torque hydraulic piston motor
(UML/HY/VT)



MAIN OPTIONS



Diverter valve
to control the opening and
closing of the hydraulic door



**Customized attachment
bracket with fixed thumb**



Bite Limiter rotor
Special steel limiter rings control
the depth of blade action
(UML/HY/VT)

STANDARD EQUIPMENT

32/65cc variable manual displacement hydraulic piston motor (90-170 L/min) (UML/HY - FML/HY)	80cc variable torque hydraulic piston motor (100-145 L/min) (UML/HY/SONIC)
80/50cc variable torque hydraulic piston motor (100-145 L/min) (UML/HY/VT)	Motor enclosed in the frame
Belt transmission (UML/HY - FML/HY)	Poly Chain® belt transmission (UML/HY/VT - UML/HY/SONIC)
Flow control system valve	Bulkhead for hydraulic connections
Diverter valve (UML/HY/SONIC)	Dual row protection chains
Hydraulic rear hood	Welded counterblades
Safety and anticavitation valve	Sonic System (UML/HY/SONIC)
Enclosed / anti dust machine body	

OPTIONS

Customized setting hydraulic motor (UML/HY - UML/HY/VT - FML/HY)	Customized attachment bracket with pins and leg
Diverter valve (UML/HY - UML/HY/VT - FML/HY)	Multiple tooth options
Rear hood with mechanical adjustment (UML/HY - UML/HY/VT - FML/HY)	Rotor Bite Limiter (UML/HY/VT - UML/HY/SONIC)
Customized attachment bracket with pins	

MODEL	UML/HY 100	UML/HY 125	UML/HY 150	UML/HY/VT 100*	UML/HY/VT 125*	UML/HY/VT 150*	UML/HY/SONIC 100	UML/HY/SONIC 125	UML/HY/SONIC 150	FML/HY 125
Flow rate (L/min)	90-170	90-170	90-170	100-145	100-145	100-145	100-145	100-145	100-145	90-170
Pressure (bar)	180-350	180-350	180-350	180-350	180-350	180-350	180-350	180-350	180-350	180-350
Excavator weight (t)	9-15	10-15	11-15	9-15	10-15	11-15	9-15	10-15	11-15	10-15
Working width (mm)	1102	1342	1582	1102	1342	1582	1102	1342	1582	1342
Weight (kg)	925	985	1085	940	1000	1100	940	1000	1100	880
Rotor diameter (mm)	420	420	420	420	420	420	420	420	420	420
Max shredding diameter (mm)	150	150	150	150	150	150	150	150	150	150
No. teeth type C/3+C/3/SS	20+2	26+2	32+2	20+2	26+2	32+2	20+2	26+2	32+2	-
type I+C/3/SS	28+2	36+2	42+2	28+2	36+2	42+2	28+2	36+2	42+2	-
No. hammers type FML	-	-	-	-	-	-	-	-	-	20

Data refers to machine as standard. The technical data in this catalogue may be altered without prior notice. *Variable displacement hydraulic motor.

ROTOR TYPE C



C/3
(standard)



C/3/HD
(option)



BL BLADE
(option)



K/3
(option)

ROTOR TYPE BL ROTOR TYPE I



BL BLADE
(option)



I
(option)



C/3/SS
(side scraper)



HAMMER FML
(standard)