

## NEW SONIC SYSTEM

### FORESTRY MULCHERS FOR EXCAVATORS

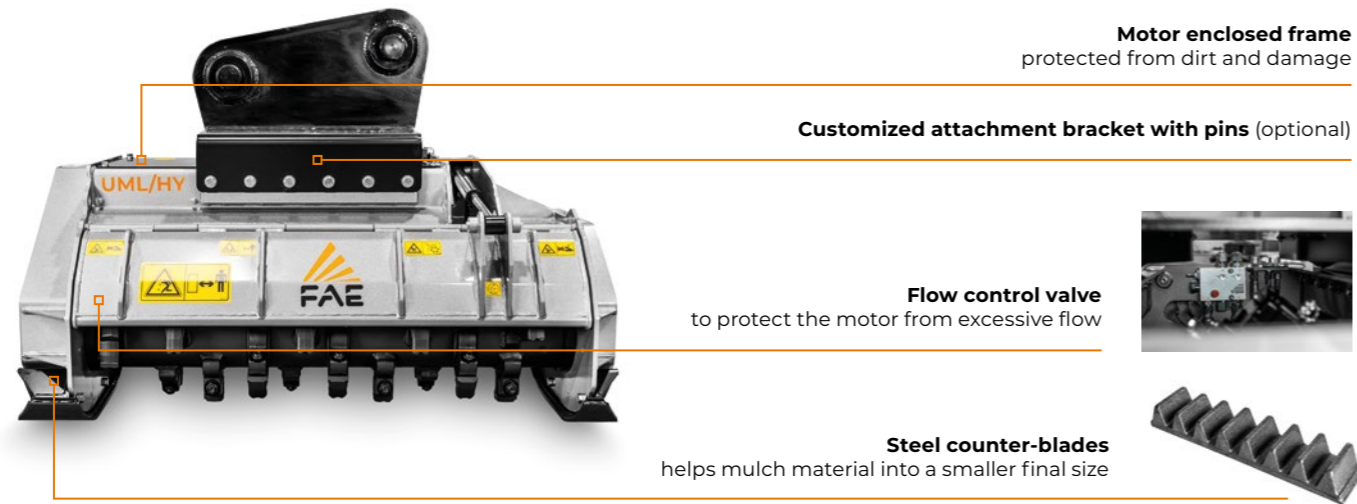
# UML/HY - UML/HY/VT - UML/HY/SONIC - FML/HY

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

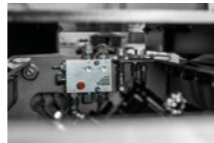


**Motor enclosed frame**  
protected from dirt and damage

**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



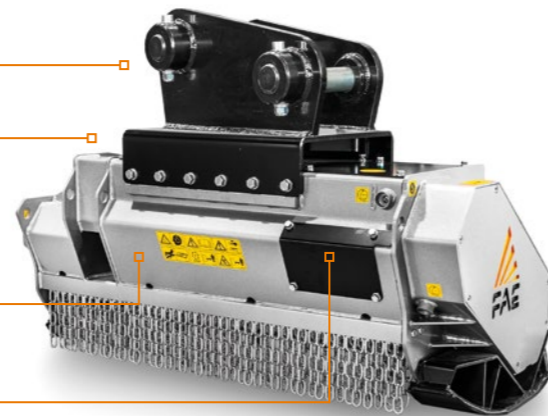
**Sonic System**  
is a new automatic intelligent system that manages the hydraulic transmission. It makes the mulching machine to perform at the maximum capacity in all conditions (UML/HY/SONIC)

**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 with relief and anticavitation valve (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
<b>Flow rate</b> (L/min)	90-170	90-170	90-170	100-145	100-145	100-145	100-145	100-145	100-145	90-170
<b>Pressure</b> (bar)	180-250	180-250	180-250	180-350	180-350	180-350	180-350	180-350	180-350	180-350
<b>Excavator weight</b> (t)	9-15	10-15	11-15	9-15	10-15	11-15	9-15	10-15	11-15	10-15
<b>Working width</b> (mm)	1102	1342	1582	1102	1342	1582	1102	1342	1582	1342
<b>Weight</b> (kg)	840	880	1050	850	890	1060	850	890	1060	880
<b>Rotor diameter</b> (mm)	420	420	420	420	420	420	420	420	420	420
<b>Max shredding diameter</b> (mm)	150	150	150	150	150	150	150	150	150	150
<b>No. teeth</b> 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	-
<b>No. hammers</b> 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



**BL BLADE**  
(option)

## ROTOR TYPE I



**I**  
(option)



**C/3/SS**  
(side scraper)



**HAMMER FML**  
(standard)