FORESTRY MULCHERS FOR EXCAVATORS

# UML/HY

## Mulcher for excavators from 7 to 15 t.

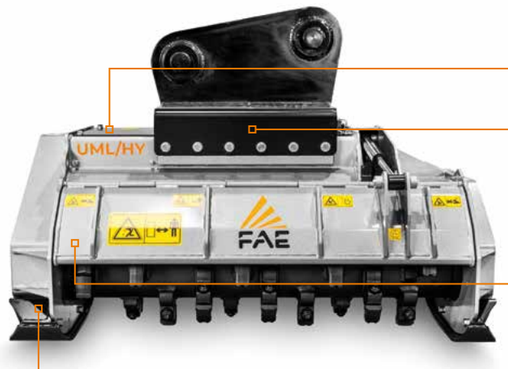
With its updated design, the UML/HY has increased its strength and durability. The addition of the VT motor option has made the UML/HY/VT one of the most productive units in its class. The hydraulic motor is internally positioned in the frame to protect it from dirt and potential damage, ensuring maximum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

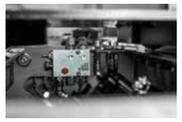
**9-15 t**




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

**Customized attachment bracket with pins** (optional)

**Flow control valve**
to protect the motor from excessive flow

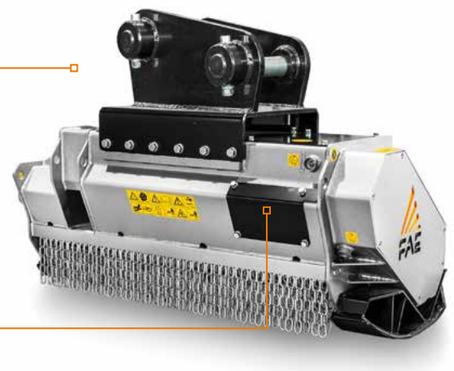


**Steel counter-blades**
helps mulch material into a smaller final size

**Fixed tooth rotor**

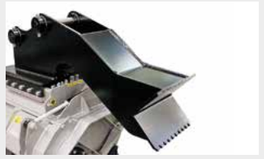
**Sonic System**
is a new automatic intelligent system that manages the hydraulic transmission. It makes the mulching machine to perform at the maximum capacity in all conditions (UML/HY/SONIC)

**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

| | |
|---|---|
| 63 cc hydraulic piston motor (90-170 L/min) (UML/HY/VT) | Motor enclosed in the frame |
| Hydraulic piston motor 80 cc VT (UML/HY/VT) | Trapezoidal belts transmission (UML/HY) |
| Hydraulic piston motor 80 cc SONIC (UML/HY/SONIC) | Timing belt transmission (UML/HY/VT - UML/HY/SONIC) |
| 12V diverter valve (UML/HY/SONIC) | Interchangeable forged steel rotor shafts |
| Sonic System (UML/HY/SONIC) | Interchangeable protection chains |
| Hydraulically adjustable rear hood | Control box for diverter valve (UML/HY/SONIC) |
| Flow Control system valve with integrated safety valve | Fittings for hydraulic connections |
| Enclosed, dust-resistant machine body | Welded counter blades |

## OPTIONS

| | |
|---|---|
| Customized setting for hydraulic motor (UML/HY - UML/HY/VT) | Control box for diverter valve (UML/HY - UML/HY/VT) |
| 12V diverter valve (UML/HY - UML/HY/VT) | Multiple tooth options |
| 24V diverter valve (UML/HY - UML/HY/VT) | Rotor Bite Limiter (UML/HY/VT - UML/HY/SONIC) |
| Customized attachment bracket kit with customized pins | Rear hood with mechanical adjustment (UML/HY - UML/HY/VT) |
| Customized attachment bracket kit with customized pins and support leg | Neutral attachment bracket with support leg |

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| **Flow rate** (L/min) | 90-170 | 90-170 | 90-170 | 90-170 | 90-170 | 90-170 | 90-170 | 90-170 | 90-170 |
| **Pressure** (bar) | 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 |
| **Working width** (mm) | 1102 | 1342 | 1582 | 1102 | 1342 | 1582 | 1102 | 1342 | 1582 |
| **Weight** (kg) | 925 | 985 | 1085 | 940 | 1000 | 1100 | 940 | 1000 | 1100 |
| **Rotor diameter** (mm) | 425 | 425 | 425 | 425 | 425 | 425 | 425 | 425 | 425 |
| **Max shredding diameter** (mm) | 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 |

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

### ROTOR TYPE C

**TOOTH C/3**
(standard)

**TOOTH C/3/HD**
(option)

**BLADE BL**
(option)

**TOOTH K/3**
(option)

### ROTOR TYPE BL

**BLADE BL**
(option)

### ROTOR TYPE I

**TOOTH I**
(option)

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