

FORESTRY MULCHERS FOR EXCAVATORS

# UML/HY

Forestry mulcher with fixed tooth rotor 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**  
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**

**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)



**Sonic System**



**26-38 gal/min**



**Ø 6 in max**



**9-15 t**



STANDARD EQUIPMENT

|                                                                        |                                                                        |
|------------------------------------------------------------------------|------------------------------------------------------------------------|
| 80/50cc variable torque hydraulic piston motor (26-38 gpm) (UML/HY/VT) | 80cc variable torque hydraulic piston motor (26-38 gpm) (UML/HY/SONIC) |
| Motor enclosed in the frame                                            | 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/VT)   | Customized attachment bracket with pins and leg |
| Diverter valve (UML/HY/VT)                       | Multiple tooth options                          |
| Rear hood with mechanical adjustment (UML/HY/VT) | Rotor Bite Limiter (UML/HY/VT - UML/HY/SONIC)   |
| Customized attachment bracket with pins          |                                                 |
| Not supplied with hoses                          | Case drain required                             |

| MODEL                       | 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 (gal/min)         | 26-38          | 26-38          | 26-38          | 26-38            | 26-38            | 26-38            |
| Pressure (PSI)              | 2611-5076      | 2611-5076      | 2611-5076      | 2611-5076        | 2611-5076        | 2611-5076        |
| Excavator weight (t)        | 9-15           | 10-15          | 11-15          | 9-15             | 10-15            | 11-15            |
| Working width (in)          | 43             | 53             | 62             | 43               | 53               | 62               |
| Weight (lbs)                | 2072           | 2205           | 2425           | 2072             | 2205             | 2425             |
| Rotor diameter (in)         | 16.7           | 16.7           | 16.7           | 16.7             | 16.7             | 16.7             |
| Max shredding diameter (in) | 6              | 6              | 6              | 6                | 6                | 6                |
| No. teeth type C/3+C/3/SS   | 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             |

Data refers to machine as standard set-up. Options may have reflects on weights and dimensions. The technical data in this catalogue may be altered without prior notice.

\*Variable displacement hydraulic motor.

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)