

FORESTRY MULCHERS FOR EXCAVATORS

PML/HY

FAE forestry mulcher for mini-excavators.

The PML/HY is FAE's smallest forestry mulcher head for excavators. It is perfect for clearing saplings and shredding brush up to 4 cm in diameter. The PML/HY forestry mulcher can come equipped with a standard 8 cc engine or an optional 16 cc engine, and can be mounted on 1.5-3.5 ton excavators.

The rotor on the PML/HY is available with two different types of teeth: the PML hammer or the Y/2 blade. Internal counterblades, flying debris protection, a rear roller, and steel construction provide professional quality and superior performance.

 19-60 L/min

 Ø 4 cm max

 1,5-3,5 t



Customized attachment bracket (optional)

Self-cleaning support roller



Enclosed machine body

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



STANDARD EQUIPMENT

8 cc gear motor with integrated anticavitation valve (19-40 L/min)	Self levelling protection rubber
Enclosed / anti dust machine body	Supporting service leg
Motor enclosed in the frame	Welded counterblades
Belt transmission	Rear roller
Hydraulic hoses	

OPTIONS

16 cc gear motor with integrated anticavitation valve (38-60 L/min)	Attachment plate with self levelling device
Flow control system valve (only for PML/HY-70 and PML/HY-90)	Possibility to have the rotor equipped with PML hammers or Y-flails
Customized attachment bracket with pins	

MODEL	PML/HY 50	PML/HY 70	PML/HY 90
Flow rate (L/min)	19-60	19-60	19-60
Pressure (bar)	150-210	150-210	150-210
Excavator weight (t)	1,5-3,5	2,0-3,5	2,5-3,5
Working width (mm)	500	700	900
Weight (kg)	180	195	210
Rotor diameter (mm)	360	360	360
Max shredding diameter (mm)	40	40	40
No. hammers type PML	8	10	14
No. flail type Y/2	8	10	14

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

MAIN OPTIONS



Customized attachment bracket



Attachment plate with self leveling device to adapt to all types of terrain



Possibility to have the rotor equipped with PML hammers or Y-flail



HAMMER PML (standard)



FLAIL Y/2 (option)

FORESTRY MULCHERS FOR EXCAVATORS

PMM/HY

Mulcher with hammer/flail rotor for excavators.

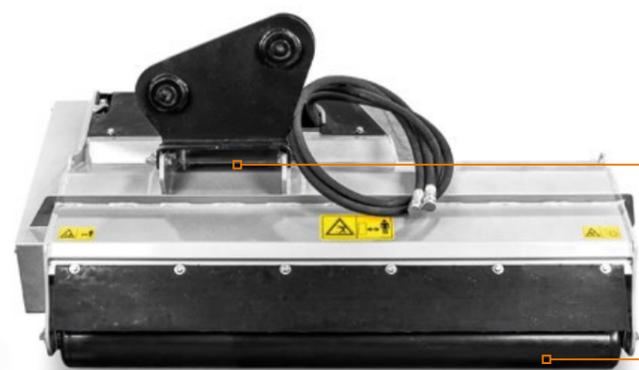
Thanks to its compact dimensions and versatility, the PMM/HY is the most requested model for grass and brush mulching in FAE's small mulcher lineup. The mulcher can be equipped with a standard 16cc motor or an optional 27cc motor for mounting on 3.5

to 5.5 ton excavators. The flow control valve ensures an easy and rapid mounting of the mulcher without adjustments or modifications to the hydraulic system of the excavator.

 38-120 L/min

 Ø 5 cm max

 3,5-5,5 t



Customized attachment bracket (optional)

Self-cleaning support roller



Enclosed machine body



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



STANDARD EQUIPMENT

16 cc gear motor with integrated anticavitation valve (38-70 L/min)	Hydraulic hoses
Flow control system valve (only for 16 cc and 27 cc motors)	Self levelling protection rubber
Enclosed / anti dust machine body	Supporting service leg
Motor enclosed in the frame	Welded counterblades
Belt transmission	Rear roller

OPTIONS

27cc gear motor with integrated anticavitation valve (64-100 L/min)	Customized attachment bracket with pins
17/34 cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (40-120 L/min) (250 bar)	Attachment plate with self levelling device
Customized setting hydraulic motor	Possibility to have the rotor equipped with PML hammers or Y-flails

MODEL	PMM/HY 100	PMM/HY 125
Flow rate (L/min)	38-120	38-120
Pressure (bar)	150-210	150-210
Excavator weight (t)	3,5-5,5	4,0-5,5
Working width (mm)	1016	1256
Weight (kg)	250	290
Rotor diameter (mm)	360	360
Max shredding diameter (mm)	50	50
No. hammers type PML	16	20
No. flail type Y/2	16	20

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MAIN OPTIONS



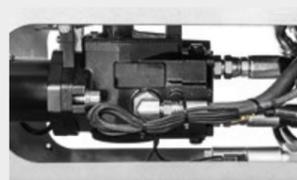
Customized attachment bracket



Attachment plate with self levelling device to adapt to all types of terrain



Possibility to have the rotor equipped with PML hammers or Y-flail



17/34cc variable manual displacement hydraulic piston motor with relief and anticavitation valve



HAMMER PML (standard)



FLAIL Y/2 (option)

FORESTRY MULCHERS FOR EXCAVATORS

PML/EX

Mulcher with hammer/flail rotor for excavators.

This mulcher can be equipped with a standard 27cc motor or an optional 38cc motor to mount to excavators ranging from 5.5 to 7.5 tons. There is also an optional 17/34cc variable manual displacement hydraulic motor with mechanical adjustment that

makes this model ideal for any excavator. The flow control valve ensures an easy and rapid mounting of the mulcher without adjustments or modifications to the hydraulic system of the excavator.

 64-130 L/min

 Ø 5 cm max

 5.5-7.5 t



Hydraulic hoses

Various types of hydraulic motors
to adapt to different models of excavators

Anti dust machine body



STANDARD EQUIPMENT

27 cc gear motor with integrated anticavitation valve (64-100 L/min)	Rear hood with mechanical adjustment
Flow control system valve (only for 27 cc and 38 cc motors)	Protection chains
Enclosed / anti dust machine body	Supporting service leg
Motor enclosed in the frame	Welded counterblades
Belt transmission	Rear roller
Hydraulic hoses	

OPTIONS

38 cc gear motor with integrated anticavitation valve (90-130 L/min)	Customized attachment bracket with pins
17/34 cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (40-120 L/min) (250 bar)	Attachment plate with self levelling device
Customized setting hydraulic motor	Possibility to have the rotor equipped with PML hammers or Y-flails

MODEL	PML/EX 100	PML/EX 125	PML/EX 150
Flow rate (L/min)	64-130	64-130	64-130
Pressure (bar)	180-210	180-210	180-210
Excavator weight (t)	5,5-7,5	6,0-7,5	6,5-7,5
Working width (mm)	1016	1256	1496
Weight (kg)	320	360	400
Rotor diameter (mm)	360	360	360
Max shredding diameter (mm)	50	50	50
No. hammers type PML	16	20	24
No. flail type Y/2	16	20	24

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MAIN OPTIONS



Customized attachment bracket



Attachment plate with self levelling device
to adapt to all types of terrain



Possibility to have the rotor equipped with PML hammers or Y-flail



Customized setting hydraulic motor



FORESTRY MULCHERS FOR EXCAVATORS

PMM/EX

Mulcher with hammer/flail rotor for excavators.

The PMM/EX is a flail mower used to mulch underbrush, grass and bushes. It is equipped with a variable manual displacement hydraulic piston motor that can be set to the carrier's hydraulic specifications. The stronger roller supports (optional)

ensure the best performance and maximum reliability on difficult terrain. The flow control valve ensures minimal setup of the mulcher without adjustments or modifications to the hydraulic system of the excavator.

 55-145 L/min

 Ø 8 cm max

 6-13 t



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



Self-cleaning support roller

Enclosed machine body



**Stronger bearings
for the support roller**



STANDARD EQUIPMENT

32/65 cc variable manual displacement hydraulic piston motor	Bulkhead for hydraulic connections
Flow control system valve	Rear hood with mechanical adjustment
Safety and anticavitation valve	Adjustable skids
Enclosed / anti dust machine body	Self levelling protection flaps
Motor enclosed in the frame	Welded counterblades
Belt transmission	Self cleaning rear roller with integrated skids

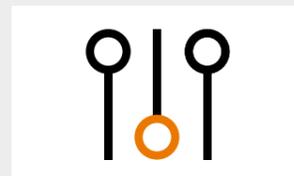
OPTIONS

Customized setting hydraulic motor	Attachment plate with self levelling device
Customized attachment bracket with pins	Possibility to have the rotor equipped with PML hammers or Y-flails

MODEL	PMM/EX 100	PMM/EX 125	PMM/EX 150
Flow rate (L/min)	55-145	55-145	55-145
Pressure (bar)	180-350	180-350	180-350
Excavator weight (t)	6-13	6-13	6-13
Working width (mm)	1060	1300	1540
Weight (kg)	520	600	680
Rotor diameter (mm)	440	440	440
Max shredding diameter (mm)	80	80	80
No. hammers type PMM	12	16	18
No. flails type Y/3	12	16	18

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MAIN OPTIONS



**Customized setting
hydraulic motor**



**Attachment plate with self
levelling device**
to adapt to all types of terrain



**Possibility to have the
rotor equipped with PML
hammers or Y-flail**



HAMMER PMM
(standard)



FLAIL Y/3
(option)

FORESTRY MULCHERS FOR EXCAVATORS

BL1/EX - BL1/EX/VT

Forestry mulcher with Bite Limiter technology.

FAE introduces a new line of professional mulchers for excavators equipped with Bite Limiter technology. Special steel limiter rings limit the depth of blade action, reducing the demand for power, guaranteeing speed and exceptional performance. The BL1/EX - BL1/EX/VT (for 4-7.5 t excavators) has a 800 mm working width and can mulch logs up to 12 cm in diameter.

The piston engine (with manually controlled variable displacement) makes it easy to use this mulcher on different excavators with different oil flow rates. The BL1/EX-BL1/EX/VT has a rotor equipped with a heat-treated forged steel tooth holder, together with Type Mini BL blades. This light, compact mulcher is easy to maneuver and perfect for various types of forestry work.

 50-140 L/min

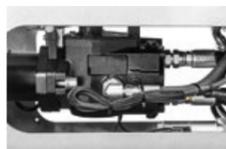
 Ø 12 cm max

 4-7,5 t



Hydraulic front trap door
helps contain debris and achieves finer sizing (optional)

Hydraulic piston motor with manual displacement control
integrated relief valve and anticavitation valve



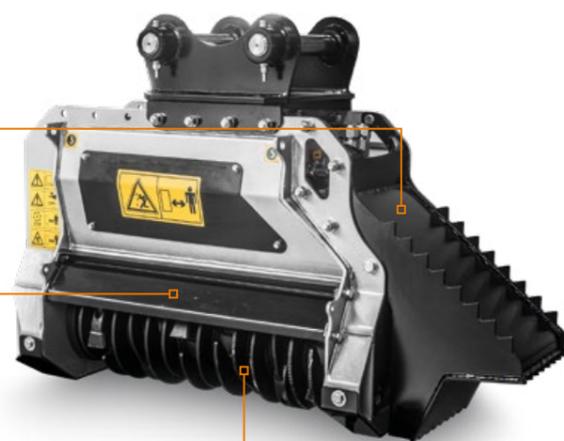
Custom made thumb bracket
to move and reposition material



Dedicated rear hood (deflector)
controls mulched material output for greater safety



Bite Limiter rotor
special steel limiter rings control the depth of cut



STANDARD EQUIPMENT

17/34 cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (50-130 L/min) (BL1/EX)	Belt transmission
55/38 cc variable torque hydraulic piston motor (65-140 L/min) (BL1/EX/VT)	Bulkhead for hydraulic connections
Flow control system valve	Front hood with mechanical adjustment
Safety and anticavitation valve	Rotor Bite Limiter
Enclosed / anti dust machine body	Dedicated rear hood (deflector)
Motor enclosed in the frame	

OPTIONS

Customized setting hydraulic motor	Front fixed thumb bracked
Diverter valve	Customized attachment bracket with pins
Hydraulic front hood	Multiple tooth options
Hydraulic front hood for excavator AUX line	

MODEL	BL1/EX-75	BL1/EX/VT-75
Flow rate (L/min)	50-130	65-140
Pressure (bar)	180-350	180-350
Excavator weight (t)	4-7,5	4-7,5
Working width (mm)	800	800
Weight (kg)	355	355
Rotor diameter (mm)	300	300
Max shredding diameter (mm)	120	120
No. blades type MINI BL	14	14

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MAIN OPTIONS



Attachment bracket



Excavator stand and thumb bracket
useful in moving material to be mulched



Hydraulic front hood

ROTOR TYPE BL



BLADE MINI BL
(standard)



MINI C/3
(option)

FORESTRY MULCHERS FOR EXCAVATORS

DML/HY - DML/HY/VT

Forestry mulcher with fixed tooth rotor for excavators.

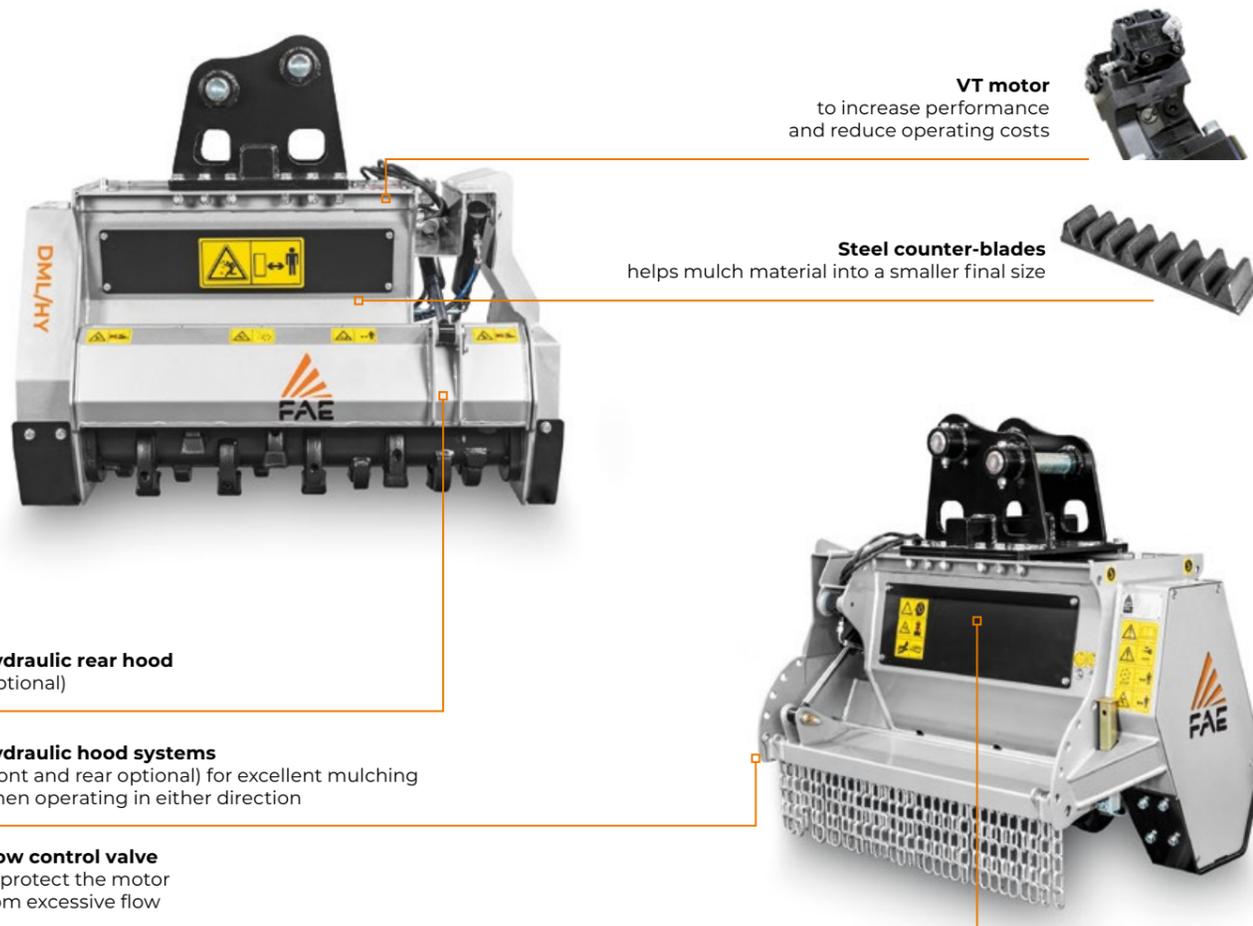
The DML/HY is the smallest, most versatile fixed hammer excavator mulcher on the market. The VT automatic variable displacement hydraulic motor avoids any adjustment of the hydraulic levels on the excavator it is mounted too.

Both doors can be activated mechanically or hydraulically (optional) to allow for the mulching of trees (front door) and fine and fibrous material that does not require preventive removal (rear door).

 50-135 L/min

 Ø 12 cm max

 5-13 t



VT motor
to increase performance
and reduce operating costs

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

Hydraulic rear hood
(optional)

Hydraulic hood systems
(front and rear optional) for excellent mulching
when operating in either direction

Flow control valve
to protect the motor
from excessive flow

MAIN OPTIONS



Customized attachment bracket



Diverter valve system
to control the opening and
closing of the front and rear
hydraulic door



Customized setting hydraulic motor



Customized attachment bracket with fixed thumb

STANDARD EQUIPMENT

17/34 cc variable manual displacement hydraulic piston motor (50-124 L/min) (DML/HY)	Bulkhead for hydraulic connections
55/38 cc variable torque hydraulic piston motor (80-135 L/min) (DML/HY/VT)	Front hood with mechanical adjustment
Flow control system valve	Rear hood with mechanical adjustment
Safety and anticavitation valve	Protection chains
Enclosed / anti dust machine body	Supporting service leg
Motor enclosed in the frame	Welded counterblades
Belt transmission	

OPTIONS

32/65 cc variable manual displacement hydraulic piston motor (105-200 L/min) (DML/HY)	Hydraulic front hood
Customized setting hydraulic motor	Customized attachment bracket with pins
Diverter valve	Customized attachment bracket with pins and leg
Hydraulic rear hood	Multiple tooth options

MODEL	DML/HY 75	DML/HY 100	DML/HY 125	DML/HY/VT 75*	DML/HY/VT 100*	DML/HY/VT 125*
Flow rate (L/min)	50-124	50-124	50-124	80-135	80-135	80-135
Pressure (bar)	180-350	180-350	180-350	180-350	180-350	180-350
Excavator weight (t)	5-13	5-13	5-13	5-13	5-13	5-13
Working width (mm)	800	1000	1240	800	1000	1240
Weight (kg)	415	445	515	420	450	520
Rotor diameter (mm)	300	300	300	300	300	300
Max shredding diameter (mm)	120	120	120	120	120	120
No. blades type E	20	24	30	20	24	30

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*Variable displacement hydraulic motor.


BLADE E
(standard)


BLADE E/HD
(option)

FORESTRY MULCHERS FOR EXCAVATORS

BL2/EX/VT - BL2/EX/SONIC

The mulcher with Bite Limiter technology for small and midsize excavators

BL2/EX for 8-14 ton midsize excavators mulches trees with a max. diameter of 15 cm and is available in two working widths: 100 cm and 124 cm. The rotor features Bite Limiter technology. Steel profiles limit the teeth depth of action, which reduces power demand and guarantees speed and

exceptional performance every time. Two types of fixed teeth can be used with the rotor: Mini BL blades and Mini C/3 teeth. BL2/EX has a VT (Variable Torque) motor for noticeably better performance, increased torque when needed, and minimal risk of rotor stalling.



Sonic System



100-140 L/min



Ø 15 cm max



8-14 t



Hydraulic piston motor
Variable displacement
(VT Variable torque)



Hydraulic front trap door
helps contain debris and achieves finer sizing (optional)



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 (BL2/EX/SONIC)

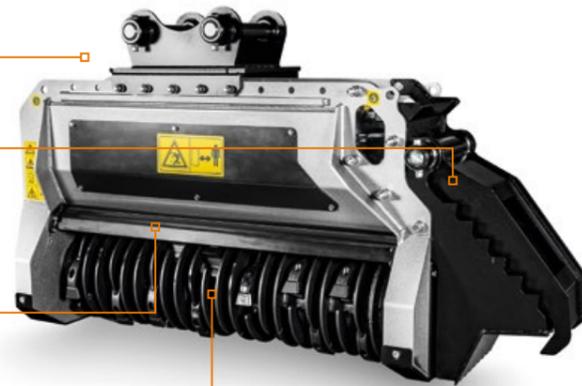
Custom made thumb bracket
to move and reposition material



Dedicated rear hood (deflector)
controls mulched material output for greater safety



Bite Limiter rotor
special steel limiter rings control the depth of cut



MAIN OPTIONS



Attachment bracket



Thumb bracket and hydraulic thumb
useful in moving material to be mulched



Hydraulic front hood
for optimal mulching, reduces the ejection of mulched material

STANDARD EQUIPMENT

55/38cc variable torque hydraulic piston motor (BL2/EX/VT)	Motor enclosed in the frame
55cc variable torque hydraulic piston motor (BL2/EX/SONIC)	V-belts transmission (BL2/EX/VT)
Flow control system valve	Bulkhead for hydraulic connections
Diverter valve	Bite Limiter rotor
Hydraulic front hood	Dedicated rear hood (deflector)
Safety and anticavitation valve	Sonic System (BL2/EX/SONIC)
Enclosed / anti dust machine body	Poly Chain® belt transmission (BL2/EX/SONIC)

OPTIONS

Customized setting hydraulic motor (BL2/EX/VT)	Customized attachment bracket with pins
Hydraulic front hood for excavator AUX line (BL2/EX/VT)	Customized attachment bracket with pins and leg
Front fixed thumb bracketed	Multiple tooth options
Hydraulic thumb	

MODEL	BL2/EX/VT 100	BL2/EX/VT 125	BL2/EX/SONIC 100	BL2/EX/SONIC 125
Flow rate (L/min)	100-140	100-140	100-140	100-140
Pressure (bar)	180-350	180-350	180-350	180-350
Excavator weight (t)	8-14	8-14	8-14	8-14
Working width (mm)	1000	1240	1000	1240
Weight (kg)	570	625	570	625
Rotor diameter (mm)	360	360	360	360
Max shredding diameter (mm)	150	150	150	150
No. blades type MINI BL	18	22	18	22

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ROTOR TYPE BL



BLADE MINI BL
(standard)



MINI C/3
(option)

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

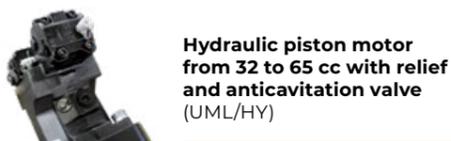
from dirt and potential damage, ensuring maximum reliability throughout the life of the attachment. The VT version with automatic variable displacement hydraulic motor increases productivity by up to 50% and simultaneously reduces fuel consumption.

-  **Sonic System**
-  **90-170 L/min**
-  **Ø 15 cm max**
-  **7-15 t**

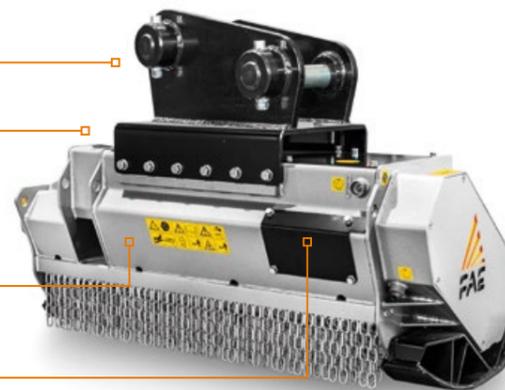


Sonic System
is a new automatic intelligent system that manages the hydraulic transmission. It makes the mulching machine to perform at the maximum capacity in all conditions (UML/HY/SONIC)

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



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	7-15
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

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ROTOR TYPE C



ROTOR TYPE BL ROTOR TYPE I



FORESTRY MULCHERS FOR EXCAVATORS

UML/HY/RW - UML/HY/RW/VT - FML/HY/RW

Forestry mulcher with fixed tooth rotor for excavators.

The UML/HY/RW mulcher has been specifically designed for railway vehicles or other special machines. It is ideal for maintaining areas that are difficult to reach such as the embankments of railway lines.

The optimum weight, light frame and oversized rotor equipped with fixed teeth, allows for the mulching of material up to 12 cm diameter. It will mulch even with the presence of stones or rocks found near railroads.

92-180 L/min
80-150 L/min

Ø 12 cm max

6-10 t



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



**Hydraulic piston motor 63cc with relief
and anticavitation valve**

Motor enclosed in frame
protected from dirt and damage



**Swinging
hammer rotor**
(FML/HY/RW)



STANDARD EQUIPMENT

32/65cc variable manual displacement hydraulic piston motor (92-180 L/min) (UML/HY/RW - FML/HY/RW)	Belt transmission
55/38cc variable torque hydraulic piston motor (95-135 L/min) (UML/HY/RW/VT)	Bulkhead for hydraulic connections
Flow control system valve	Hydraulic rear hood
Safety and anticavitation valve	Screwed protection chains
Enclosed / anti dust machine body	Welded counterblades
Motor enclosed in the frame	

OPTIONS

Customized setting hydraulic motor	Multiple tooth options
Rotor Bite Limiter	

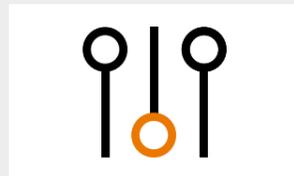
MODEL	UML/HY/RW 125	UML/HY/RW 150	UML/HY/ RW/VT 125	UML/HY/ RW/VT 150	FML/HY/RW 125	FML/HY/RW 150
Flow rate (L/min)	92-180	92-180	90-135	90-135	80-150	80-150
Pressure (bar)	220-350	220-350	220-350	220-350	220-250	220-250
Excavator weight (t)	6-10	6-10	6-10	6-10	6-10	6-10
Working width (mm)	1342	1582	1342	1582	1342	1582
Weight (kg)	680	750	680	750	550	590
Rotor diameter (mm)	420	420	420	420	425	425
Max shredding diameter (mm)	120	120	120	120	120	120
No. teeth type C/3+C/3/SS	26+2	32+2	26+2	32+2	-	-
type I+C/3/SS	36+2	42+2	36+2	42+2	-	-
No. hammers type FML	-	-	-	-	20	24

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MAIN OPTIONS



**Rotor with
Bite Limiter technology**
maximum productivity using
the least amount of power



**Customized setting
hydraulic motor**

ROTOR TYPE C



C/3
(standard)



C/3/HD
(option)



BL BLADE
(option)

ROTOR TYPE BL



BL BLADE
(option)



I
(option)

ROTOR TYPE I



C/3/SS
(side scraper)



HAMMER FML
(standard)

FORESTRY MULCHERS FOR EXCAVATORS

UML/EX/VT - UML/EX/SONIC

Forestry mulcher with fixed tooth rotor for excavators.

Thanks to its size, heavy duty construction, reliability and performance, the UML/EX is one of FAE's most popular attachments. The enclosed hydraulic door

opening and closing system creates a completely enclosed frame that protects the internal components from dust and debris.



Sonic System



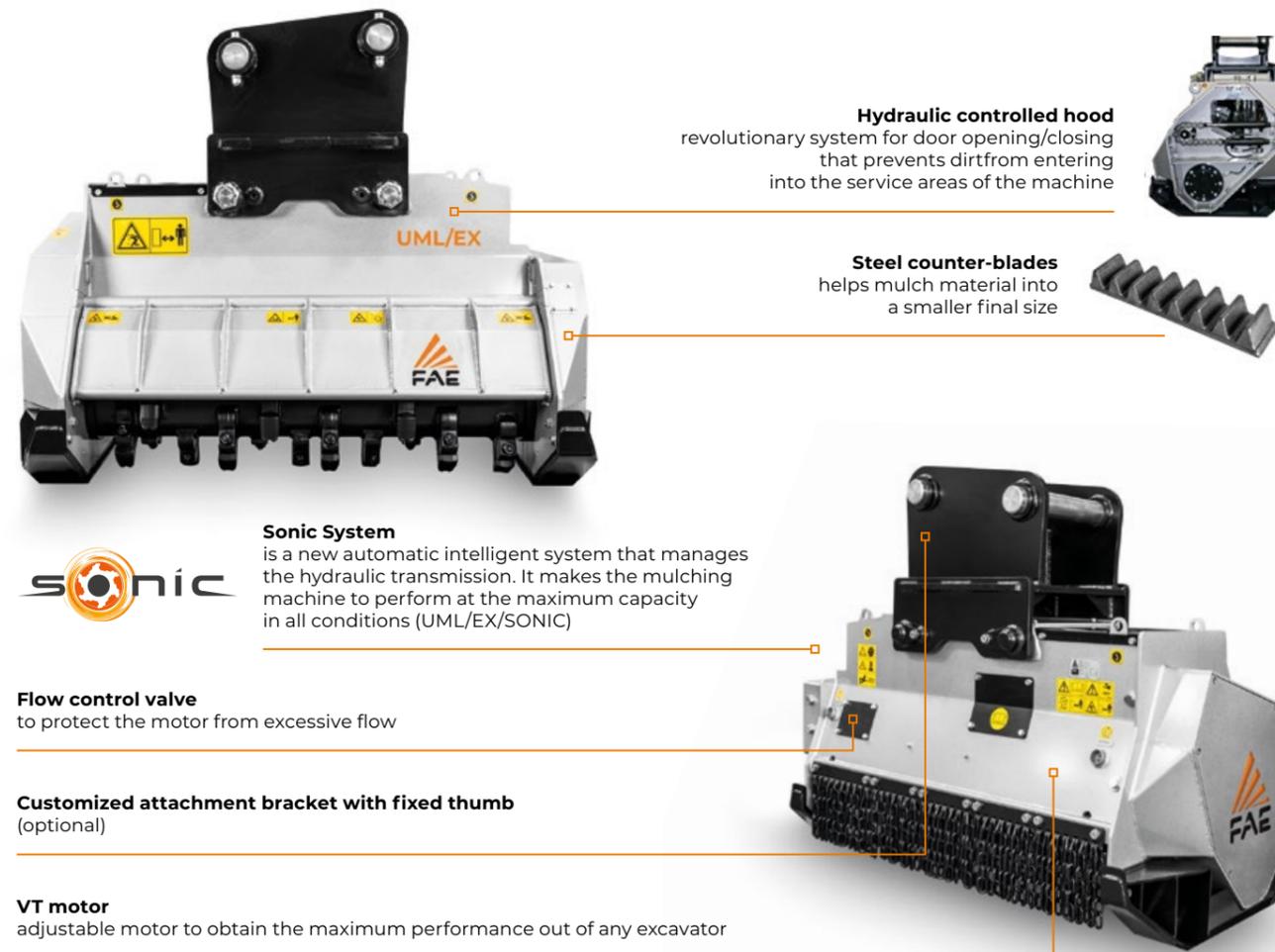
130-210 L/min



Ø 20 cm max



14-20 t



Hydraulic controlled hood
revolutionary system for door opening/closing that prevents dirt from entering into the service areas of the machine

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/EX/SONIC)

Flow control valve
to protect the motor from excessive flow

Customized attachment bracket with fixed thumb
(optional)

VT motor
adjustable motor to obtain the maximum performance out of any excavator

STANDARD EQUIPMENT

110/60cc variable torque hydraulic piston motor (130-210 L/min) (UML/EX/VT)	Timing belt transmission
110cc variable torque hydraulic piston motor (130-210 L/min) (UML/EX/SONIC)	Bulkhead for hydraulic connections
Flow control system valve	Hydraulic rear hood
Diverter valve (UML/EX/SONIC)	Screwed protection chains
Safety and anticavitation valve	Welded counterblades
Enclosed / anti dust machine body	Sonic System (UML/EX/SONIC)
Motor enclosed in the frame	

OPTIONS

Customized setting hydraulic motor (UML/EX/VT)	Customized attachment bracket with pins and leg
Diverter valve (UML/EX/VT)	Multiple tooth options
Customized attachment bracket with pins	Rotor Bite Limiter

MODEL	UML/EX/ VT 100	UML/EX/ VT 125	UML/EX/ VT 150	UML/EX/ SONIC 100	UML/EX/ SONIC 125	UML/EX/ SONIC 150
Flow rate (L/min)	130-210	130-210	130-210	130-210	130-210	130-210
Pressure (bar)	220-350	220-350	220-350	220-350	220-350	220-350
Excavator weight (t)	14-20	14-20	14-20	14-20	14-20	14-20
Working width (mm)	1102	1342	1582	1102	1342	1582
Weight (kg)	1090	1170	1280	1090	1170	1280
Rotor diameter (mm)	420	420	420	420	420	420
Max shredding diameter (mm)	200	200	200	200	200	200
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. The technical data in this catalogue may be altered without prior notice.

MAIN OPTIONS



Bite Limiter rotor
additional reinforced side plates for extreme conditions



Diverter valve
to control the opening and closing of the hydraulic door (UML/EX/VT)



Customized attachment bracket with fixed thumb

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)

FORESTRY MULCHERS FOR EXCAVATORS

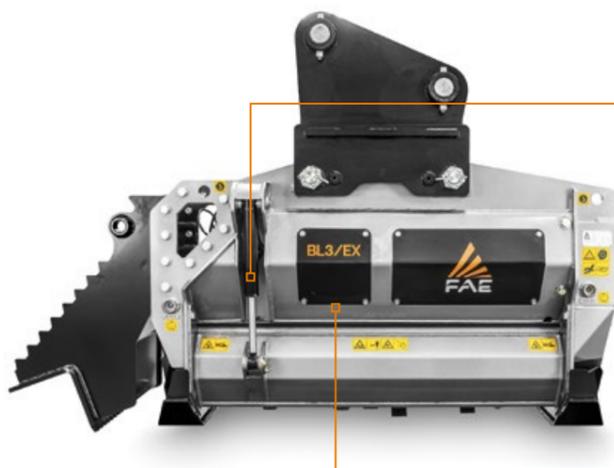
BL3/EX/VT - BL3/EX/SONIC

The mulcher with Bite Limiter technology for large and midsize excavators

BL3/EX for 14-20 ton excavators mulches trees with a max. diameter of 20 cm and is available in two working widths: 134 cm and 158 cm. The rotor features Bite Limiter technology. Steel limiter rings limit the depth of cut, which reduces power demand and guarantees speed and exceptional performance.

The heat-treated forged-steel BL blades are durable and can be sharpened, lowering operating costs. BL3/EX has a 110/60 cc VT (Variable Torque) motor for noticeably better performance, increased torque when needed, and minimal risk of rotor stalling.

-  **Sonic System**
-  **120-210 L/min**
-  **Ø 20 cm max**
-  **14-20 t**



Hydraulic front hood
for optimal mulching, reduces the ejection of mulched material (optional)

Spike PRO counter-blade
the distribution of the new Spike PRO counter-blades inside the shredding chamber guarantees a better finish of the mulched material



Hydraulic piston motor
Variable Torque (VT)

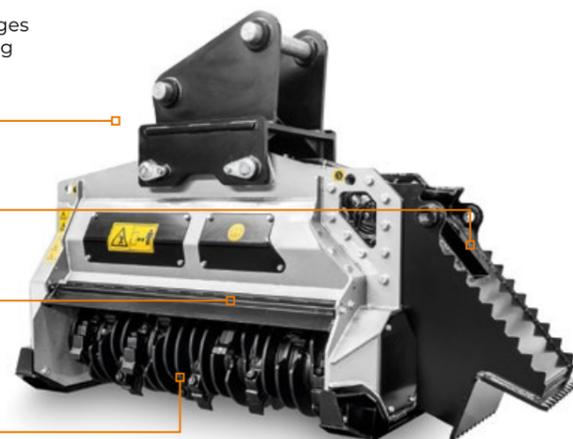


 **Sonic System**
is a new automatic intelligent system that manages the hydraulic transmission. It makes the mulching machine to perform at the maximum capacity in all conditions (BL3/EX/SONIC)

Thumb bracket and hydraulic thumb
useful in moving material to be mulched (optional)

Adjustable material deflector
controls mulched material output for greater safety

 **Bite Limiter rotor**
special steel limiter rings control the depth of cut



MAIN OPTIONS



Customized attachment bracket



Thumb bracket and hydraulic thumb
useful in moving material to be mulched

STANDARD EQUIPMENT

110/60cc variable torque hydraulic piston motor (120-210 L/min) (BL3/EX/VT)	Bulkhead for hydraulic connections
110cc variable torque hydraulic piston motor (120-210 L/min) (BL3/EX/SONIC)	Hydraulic front hood
Flow control system valve	Dedicated rear hood (deflector)
Diverter valve	Adjustable skids
Safety and anticavitation valve	Spike Pro counter-blade
Enclosed / anti dust machine body	Rotor Bite Limiter
Motor enclosed in the frame	Sonic System (BL3/EX/SONIC)
Timing belt transmission	

OPTIONS

Customized setting hydraulic motor (BL3/EX/VT)	Hydraulic thumb
Hydraulic front hood for excavator AUX line (BL3/EX/VT)	Customized attachment bracket with pins
Front fixed thumb bracked	

MODEL	BL3/EX/VT 125	BL3/EX/VT 150	BL3/EX/SONIC 125	BL3/EX/SONIC 150
Flow rate (L/min)	120-210	120-210	120-210	120-210
Pressure (bar)	180-350	180-350	180-350	180-350
Excavator weight (t)	14-20	14-20	14-20	14-20
Working width (mm)	1342	1582	1342	1582
Weight (kg)	1295	1370	1295	1370
Rotor diameter (mm)	440	440	440	440
Max shredding diameter (mm)	200	200	200	200
No. blades type BL + C/3/SS	20+2	24+2	20+2	24+2

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

ROTOR TYPE BL



BL BLADE
(standard)



C/3/SS
(side scraper)

FORESTRY MULCHERS FOR EXCAVATORS

UML/S/EX/VT - UML/S/EX/SONIC

Forestry mulcher with fixed tooth rotor for excavators.

Specifically developed for excavators ranging from 18 - 25 tons. Using key design features, such as interchangeable counter-blades and other engineering advantages, it approaches the performance levels of our largest model the UMM/EX.

Furthermore, the VT automatic variable displacement hydraulic motor increases efficiency. This allows the machine to carry out complex operations effortlessly while working on sides of the roads, along river banks and on steep slopes.



Sonic System



145-300 L/min



Ø 30 cm max



18-25 t



Forged and hardened bolt-in interchangeable counter-blades for the maximum duration



Oversized hubs and bearings

Hydraulic controlled hood

revolutionary system for door opening/closing that prevents dirt from entering into the service areas of the machine

Diverter valve to control the opening and closing of the hydraulic door (UML/S/EX/SONIC)



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/S/EX/SONIC)

Motor enclosed in frame protected from dirt and damage



VT motor

adjustable motor to obtain the maximum performance out of any excavator

Dual row protection chains

deflects debris exiting the machine, increasing safety



MAIN OPTIONS



Rotor with Bite Limiter technology maximum productivity using the least amount of power



Diverter valve to control the opening and closing of the hydraulic door (UML/S/EX/VT)



Additional reinforced side plates for extreme conditions



Customized attachment bracket

STANDARD EQUIPMENT

110/60cc variable torque hydraulic piston motor (145-240 L/min) (UML/S/EX/VT)	Poly Chain® belt transmission
110cc variable torque hydraulic piston motor (145-240 L/min) (UML/S/EX/SONIC)	Bulkhead for hydraulic connections
Flow control system valve	Hydraulic front hood
Diverter valve (UML/S/EX/SONIC)	Inner anti wear clad plates FCP
Safety and anticavitation valve	Screwed protection chains
Enclosed / anti dust machine body	Interchangeable counterblades
Motor enclosed in the frame	Sonic System (UML/S/EX/SONIC)

OPTIONS

160/108cc variable torque hydraulic piston motor (235-300 L/min) (UML/S/EX/VT)	Customized attachment bracket with pins
Customized setting hydraulic motor (UML/S/EX/VT)	Customized attachment bracket with pins and leg
Diverter valve (UML/S/EX/VT)	Multiple tooth options
Additional reinforced side plates	Rotor Bite Limiter

MODEL	UML/S/EX/VT 125	UML/S/EX/VT 150	UML/S/EX/SONIC 125	UML/S/EX/SONIC 150
Flow rate (L/min)	145-300	145-300	145-300	145-300
Pressure (bar)	220-350	220-350	220-350	220-350
Excavator weight (t)	18-25	18-25	18-25	18-25
Working width (mm)	1347	1587	1347	1587
Weight (kg)	1450	1550	1450	1550
Rotor diameter (mm)	450	450	450	450
Max shredding diameter (mm)	300	300	300	300
No. teeth type C/3+C/3/SS	26+4	32+4	26+4	32+4
type I+C/3/SS	36+2	42+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



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)

FORESTRY MULCHERS FOR EXCAVATORS

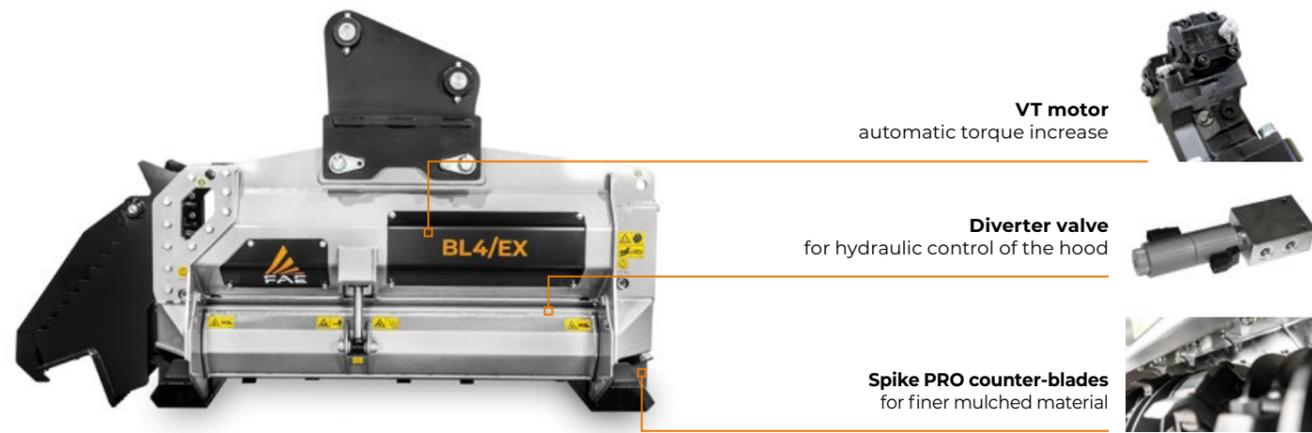
BL4/EX/VT - BL4/EX/SONIC

The mulcher for large excavators, with Bite Limiter technology.

The BL4/EX for 18-25 ton excavators mulches trees up to 30 cm in diameter and comes in two working widths: 135 cm and 160 cm. The BL4/EX is ideal for handling and removing vegetation in wooded areas, especially for jobs that require a large shredding capacity and speed.

The rotor features Bite Limiter technology. Steel limiter rings limit the reach (bite) of the teeth, reducing the amount of power needed and guaranteeing constant working speed and excellent performance. The heat-treated forged-steel BL blades are made to last and can be sharpened to keep operating costs lower.

-  **Sonic System**
-  **145-300 L/min**
-  **Ø 30 cm max**
-  **18-25 t**



VT motor
automatic torque increase

Diverter valve
for hydraulic control of the hood

Spike PRO counter-blades
for finer mulched material



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 (BL4/EX/SONIC)

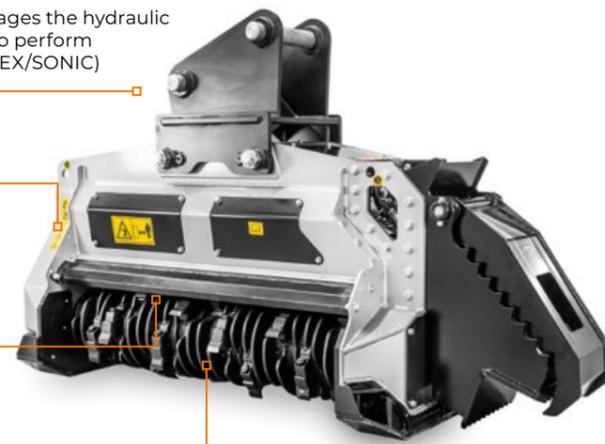
Timing belt transmission
optimal power transfer



Dedicated rear hood (deflector)
controls mulched material output for greater safety



Rotor with Bite Limiter technology
maximum productivity using the least amount of power



MAIN OPTIONS



Thumb bracket with hydraulic thumb
for handling material

STANDARD EQUIPMENT

110/60cc variable torque hydraulic piston motor (145-240 L/min) (BL4/EX/VT)	Bulkhead for hydraulic connections
110cc variable torque hydraulic piston motor (145-240 L/min) (BL4/EX/SONIC)	Hydraulic front hood
Flow control system valve	Dedicated rear hood (deflector)
Diverter valve	Adjustable skids
Safety and anticavitation valve	Spike Pro counter-blade
Enclosed / anti dust machine body	Rotor Bite Limiter
Motor enclosed in the frame	Sonic System (BL4/EX/SONIC)
Trasmissione a cinghia dentata	

OPTIONS

160/108cc variable torque hydraulic piston motor (235-300 L/min) (BL4/EX/VT)	Front fixed thumb bracketed
Customized setting hydraulic motor (BL4/EX/VT)	Hydraulic thumb
Hydraulic front hood for excavator AUX line (BL4/EX/VT)	Customized attachment bracket with pins
Additional reinforced side plates	

MODEL	BL4/EX/VT 125	BL4/EX/VT 150	BL4/EX/SONIC 125	BL4/EX/SONIC 150
Flow rate (L/min)	145-300	145-300	145-300	145-300
Pressure (bar)	220-350	220-350	220-350	220-350
Excavator weight (t)	18-25	18-25	18-25	18-25
Working width (mm)	1347	1587	1347	1587
Weight (kg)	1550	1650	1550	1650
Rotor diameter (mm)	472	472	472	472
Max shredding diameter (mm)	300	300	300	300
No. blades type BL + C/3/SS	20+2	24+2	20+2	24+2

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

ROTOR TYPE BL



BL BLADE
(standard)



C/3/SS
(side scraper)

FORESTRY MULCHERS FOR EXCAVATORS

UMM/EX/VT - UMM/EX/SONIC UMM/EX/VT/HP - UMM/EX/HP/SONIC

The FAE forestry mulchers for the most powerful excavators.

The UMM/EX mulchers are great for mulching vegetation and trees with a max. diameter of 40 cm and are compatible with excavators from 20 to 36 t. The UMM/EX models are recommended for managing and controlling vegetation in wooded areas, maintaining

green spaces, and anywhere a large mulching capacity is required. The line offers two types of hydraulic motors - the traditional fixed-displacement piston motor and the VT model with automatic variable displacement and increased torque for the most challenging tasks.



Sonic System



130-300 L/min



Ø 40 cm max



20-36 t



Heavy duty steel frame
for maximum endurance, even during the most challenging tasks

Bolted counter blades
for fine mulching and easy maintenance



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 (UMM/EX/SONIC - UMM/EX/HP/SONIC)



Flow control valve
protects the hydraulic motor



Poly Chain® belt transmission
for optimum power transfer
(UMM/EX/VT - UMM/EX/VT/HP)

MAIN OPTIONS



Kit with attachment brackets and pins (customized)



Diverter valve for displacement control
to manage the opening and closing of the hydraulic hood



Additional side reinforcement plates
(standard for UMM/EX/VT - UMM/EX/SONIC)



VT Motor
setting customized adjustment for top performance every time

STANDARD EQUIPMENT

110/60cc variable torque hydraulic piston motor (130-210 L/min) (UMM/EX/VT)	Poly Chain® Belt Transmission (UMM/EX/VT - UMM/EX/VT/HP)
110cc variable torque hydraulic piston motor (130-210 L/min) (UMM/EX/SONIC)	Bulkhead for hydraulic connections
160/108cc variable torque hydraulic piston motor (180-300 L/min) (UMM/EX/VT/HP)	Additional reinforced side plates (UMM/EX/VT/HP - UMM/EX/HP/SONIC)
Flow control system valve	Hydraulic rear hood
Diverter valve (UMM/EX/SONIC - UMM/EX/HP/SONIC)	Inner anti wear clad plates FCP
Safety and anticavitation valve	Screwed protection chains
Enclosed / anti dust machine body	Interchangeable counterblades
Motor enclosed in the frame	Sonic System (UMM/EX/SONIC - UMM/EX/HP/SONIC)

OPTIONS

160/108cc variable torque hydraulic piston motor (180-300 L/min) (UMM/EX/VT/HP 150)	Customized attachment bracket with pins
Customized setting hydraulic motor (UMM/EX/VT - UMM/EX/VT/HP)	Customized attachment bracket with pins and leg
Diverter valve (UMM/EX/VT - UMM/EX/VT/HP)	Multiple tooth options
Additional reinforced side plates (UMM/EX/VT - UMM/EX/SONIC)	

MODEL	UMM/EX/VT 125*	UMM/EX/VT 150*	UMM/EX/SONIC 125	UMM/EX/SONIC 150	UMM/EX/VT/HP 150	UMM/EX/HP/SONIC 150
Flow rate (L/min)	130-210	130-210	130-210	130-210	180-300	180-300
Pressure (bar)	240-350	240-350	240-350	240-350	240-350	240-350
Excavator weight (t)	20-30	20-30	20-30	20-30	30-36	30-36
Working width (mm)	1344	1584	1344	1584	1584	1584
Weight (kg)	1990	2120	1990	2120	2200	2200
Rotor diameter (mm)	500	500	500	500	500	500
Max shredding diameter (mm)	300	300	300	300	400	400
No. teeth type C/3+C/3/SS	26+2	32+2	26+2	32+2	32+2	32+2
type I+C/3/SS	38+2	46+2	38+2	46+2	46+2	46+2

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)



I
(option)



C/3/SS
(side scraper)

ROTOR TYPE I

NEW

FORESTRY MULCHERS FOR EXCAVATORS

BL5/EX/VT - BL5/EX/SONIC

The mulcher for the largest excavators, with Bite Limiter technology.

The BL5/EX for 24-36 ton excavators, mulches vegetation up to 40 cm in diameter and has a working width of 160 cm. This head is ideal for handling and removing vegetation in wooded areas, especially when a large shredding capacity and fast operational speed is required. The rotor with Bite Limiter technology

comes with special wear-resistant steel limiters that limit the teeth's reach. This cuts down on power demand, promotes a consistent working speed, optimizes fuel consumption and ensures excellent performance when mulching any kind of wood.



Sonic System



180-300 L/min



Ø 40 cm max



24-36 t



VT motor
adjustable motor to obtain the maximum performance out of any excavator

Diverter valve
for hydraulic control of the hood

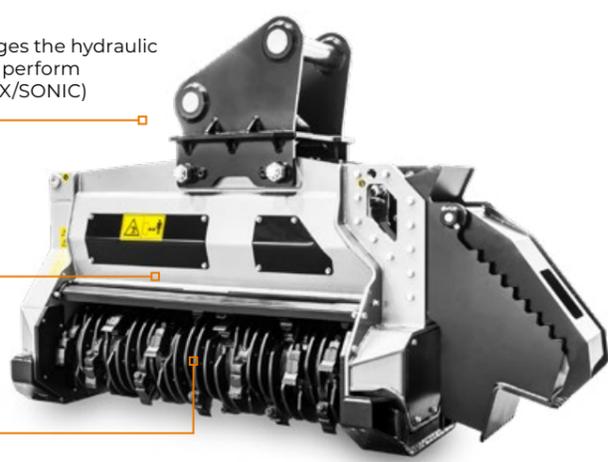
Poly-Chain® belt drive transmission
optimal power transfer



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 (BL5/EX/SONIC)



Spike PRO counter-blades
for finer mulched material



Rotor with Bite Limiter technology
maximum productivity using the least amount of power

STANDARD EQUIPMENT

160/108cc variable torque hydraulic piston motor (180-300 L/min) (BL5/EX/VT)	Hydraulic front hood
160cc variable torque hydraulic piston motor (180-300 L/min) (BL5/EX/SONIC)	Dedicated rear hood (deflector)
Flow control system valve	Adjustable skirts
Diverter valve	Additional reinforced side plates
Safety and anticavitation valve	Front fixed thumb bracked
Enclosed / anti dust machine body	Spike Pro counter-blade
Motor enclosed in the frame	Rotor Bite Limiter
Poly Chain® Belt Transmission	Sonic System (BL5/EX/SONIC)
Bulkhead for hydraulic connections	

OPTIONS

Customized setting hydraulic motor (BL5/EX/VT)	Hydraulic thumb
Hydraulic front hood for excavator AUX line (BL5/EX/VT)	Customized attachment bracket with pins

MODEL	BL5/EX/VT* 150	BL5/EX/SONIC 150
Flow rate (L/min)	180-300	180-300
Pressure (bar)	240-350	240-350
Excavator weight (t)	24-36	24-36
Working width (mm)	1584	1584
Weight (kg)	2375	2375
Rotor diameter (mm)	517	517
Max shredding diameter (mm)	400	400
No. teeth type BL MAX	28	28

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

MAIN OPTIONS



Thumb bracket with hydraulic thumb
for handling material

ROTOR TYPE BL



BL BLADE MAX
(standard)