

LAND CLEARING

HYDRAULIC DRIVEN HEADS





OFTEN COPIED **NEVER DUPLICATED**



/A/3



/A/3/HD



/F/3



/B/3



/B/3/HD



/G/3



/C/3



/C/3/HD



/Blade C/3



/STCL/3



/I



/K/3



/C/SS



/MH/sx



/MH/dx



/C/3/SS/dx



/C/3/SS/sx



/STC/FP



/Blade E



/Blade E/HD



/STC/3



/STC/3/HD



/STC/3/FP



/Blade Y/2



/Blade Y/3



/Hammer PML



/Hammer PMM



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/Hammer FMM



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SUPPORTING YOUR
WORK **SINCE 1989**





COMPANY

We've been working with you, sharing your efforts, your passion and your values for 25 years. This is why, today, FAE GROUP, through their Worldwide Branches, is a leading force in the design and production of superior quality machinery for the Construction and Land Clearing sectors. We are proud of the results achieved together. Since 1989, we have provided excellent quality, reliable products, efficient service, as well as an extensive sales and distribution network. The aim was and remains the same - to guarantee your complete satisfaction and solutions to our customers.



INNOVATION

Our continuous research and development enables us to provide advanced and innovative solutions; Resulting in industry leading products and giving our customers maximum quality.



PASSION

Cutting-edge manufacturing technology, highly specialized craftsmen, strict quality control and a constant commitment to improvement are what guarantees long-lasting, top performance equipment, built to stand the test of time.



FLEXIBILITY

Our experienced, dynamic and creative team, coupled with a global sales network helps guarantee assistance in guiding you in choosing the best possible solution to fit your needs.



PRESENCE

With branches in most continents and an extended global sales network, we are able to serve a widespread market.



LAND CLEARING HYDRAULIC DRIVEN HEADS

When the job requires the use of special machines, excavators or skid steers, the solutions to look for are hydraulic tillers, mulchers, stump cutters and rock crushers. These utilize the hydraulic system of the machine they are attached to for rotor movement. When choosing the right model from the FAE line up, consider the power of the machine, terrain type and the desired result to guarantee a satisfactory job. Our forestry machines, manufactured with high quality materials, are known for their robustness and reliability.



EFFICIENCY

Quality results and high performance in most applications.



DURABILITY

Built tough, assuring long-term reliability.



SAFETY

Manufacturing details make the difference in protection. This is the certainty on which professionals rely when choosing an FAE machine.

RESEARCHED, DESIGNED
AND CREATED FOR YOU



MULCHERS FOR SKID STEERS

Our commercial grade, hydraulic driven mulchers for skid steers can be used for environmental maintenance, bush cleaning, underbrush, branches, shrubs and stumps along the banks of rivers, canals, gas ducts, embankments, railway lines, etc.



PMM/SSL

Brush mulcher with hammer/flail rotor for skid steer.

p. 010

Min

Max



DML/SSL - DML/SSL/VT

Forestry mulcher with fixed blade rotor for skid steers.

p. 011

Min

Max



UML/SSL - UML/SSL/VT

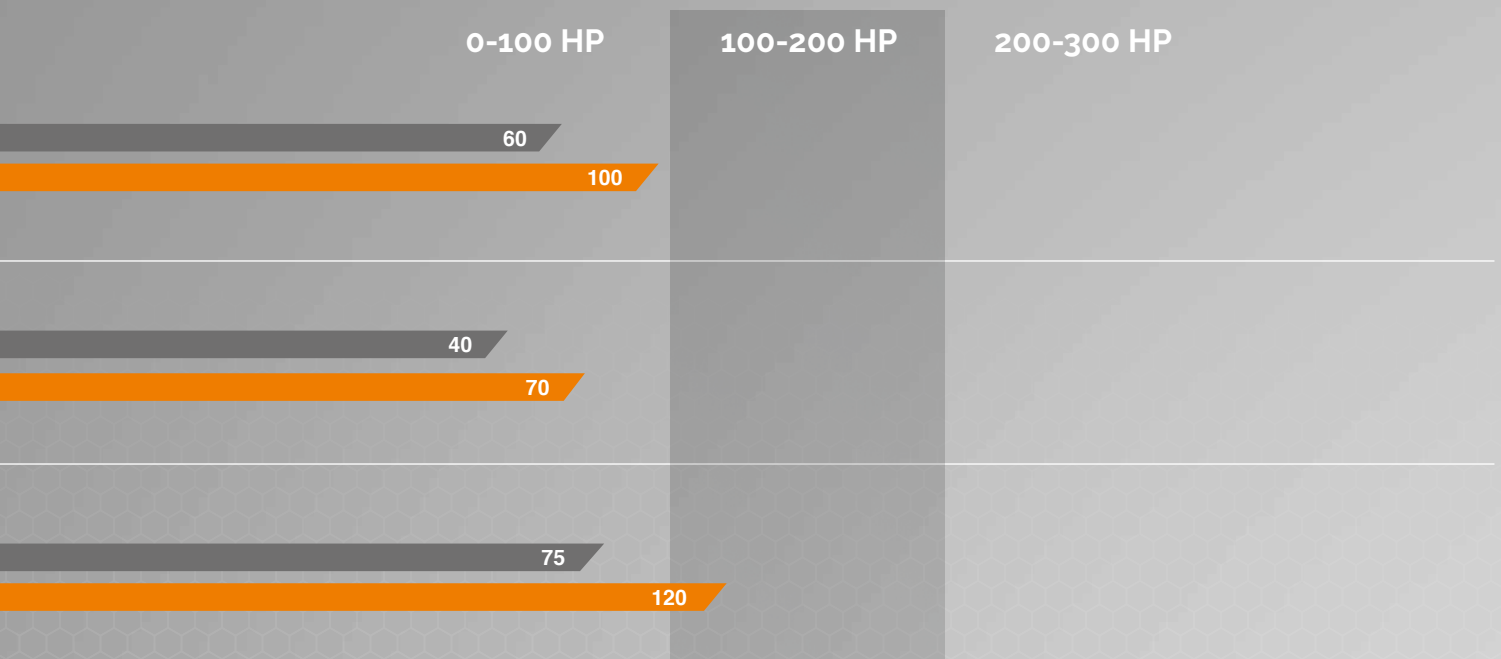
Forestry mulcher with fixed tooth rotor for skid steers.

p. 012

Min

Max

MULTIPURPOSE USES FOR **EXCELLENT RESULTS**



MULCHERS FOR SKID STEERS

PMM/SSL



from 60 to 100 HP



Ø8 cm max

BRUSH MULCHER WITH HAMMER/FLAIL ROTOR FOR SKID STEERS.

A universal mulcher suitable for mulching bramble bushes, crop residues, bushes and grass. Thanks to its “floating system”, the mulcher’s rotor adheres perfectly to the terrain, ensuring a homogeneous material after mulching.

The support roller, larger in comparison to other attachments, guarantees the best performance even on particularly damp terrain.

The machine can be equipped with hammers for mulching material up to 8 cm diameter or grass flails to better respond to the various needs of the customer.



STANDARD EQUIPMENT

- Enclosed machine body
- Belt transmission
- Quick attachment plate with self leveling device for skid steer
- 32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve
- Welded counter blade
- Self cleaning rear roller with integrated skids

- Attachment plate with self levelling device
- Self levelling protection rubber
- Possibility to have the rotor equipped with PML hammers or Y-flails

OPTIONS

- Stronger bearing for back roller
- Multiple flail options



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

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



Self cleaning rear roller with integrated skids

Self leveling protection rubber

MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max					hammers	flails
PMM/SSL 150	60	100	60	130	180	250	1540	1760	790	80	18	18
PMM/SSL 175	65	100	60	130	180	250	1780	2000	850	80	22	22
PMM/SSL 200	70	100	60	130	180	250	2020	2180	910	80	24	24

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

MULCHERS FOR SKID STEERS

DML/SSL - DML/SSL/VT



from 40 to 70 HP



Ø 12 cm max

FORESTRY MULCHER WITH FIXED BLADE ROTOR FOR SKID STEERS.

The DML/SSL is the smallest of the FAE fixed tooth mulchers designed and manufactured to be utilized with skid steers up to 70 HP. The heavy duty construction of the frame makes it a long term investment, while the special design of the fixed tooth rotor allows a neat cut of the material and guarantees maximum reliability and high performance. The automatic variable displacement hydraulic motor with mechanical adjustment makes it the ideal solution for skid steers that are not equipped with a high flow system.



STANDARD EQUIPMENT
Enclosed machine body
Belt transmission
17/34cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (DML/SSL) - (50 - 100 L/min)
55/38cc variable torque hydraulic piston motor (DML/SSL/VT) - (60 - 115 L/min)
Hydraulic hoses
Hydraulic rear hood
Welded counter blade

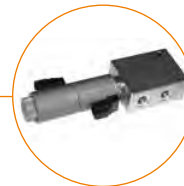
Working pressure control gauge
Push frame
Diverter valve
Motor integrated into the frame

OPTIONS
32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (DML/SSL) - (90 - 130 L/min)
Customized setting hydraulic motor (DML/SSL/VT)



External pressure control Gauge

VT motor setting
Adjustable motor to obtain the maximum performance out of any skid steer



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

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

MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. blades type E
	min	max	min	max	min	max					
DML/SSL 125	40	70	50	130	180	250	1240	1520	685	120	30
DML/SSL 150	40	70	50	130	180	250	1480	1760	785	120	36
DML/SSL 175	40	70	50	130	180	250	1720	2000	885	120	42
DML/SSL/VT 125*	40	70	60	115	180	350	1240	1520	685	120	30
DML/SSL/VT 150*	40	70	60	115	180	350	1480	1760	785	120	36
DML/SSL/VT 175*	40	70	60	115	180	350	1720	2000	885	120	42

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

NEW SONIC SYSTEM

MULCHERS FOR SKID STEERS

UML/SSL - UML/SSL/VT



from 75 to 120 HP



Ø 20 cm max

FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR SKID STEERS.

Robust and compact, the UML/SSL is renowned for its ergonomic design that guarantees excellent visibility for the operator during various situations. Thanks to the diverter valve kit option, it can be utilized with any brand of skid steer on the market. The VT version with automatic variable displacement hydraulic motor increases productivity by up to 50% and simultaneously reduces fuel consumption.

STANDARD EQUIPMENT

Enclosed machine body

Belt transmission

Hydraulic piston motor 63cc with relief and anticavitation valve (UML/SSL) - (130 - 150 L/min)

110/60cc variable torque hydraulic piston motor (UML/SSL/VT) - (130 - 200 L/min)

Hydraulic hoses

Hydraulic hood

Adjustable skids

Welded counter blade

Working pressure control gauge

Push frame

Dual row protection chains

Anti-dust rear hood

Motor integrated into the frame

OPTIONS

Customized setting hydraulic motor

Diverter valve

Oil cooler kit

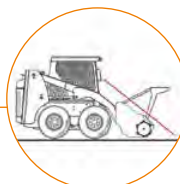
Roof mounted cooler

Multiple tooth options

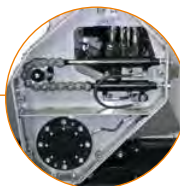
Sonic System

Rotor Bite Limiter (UML/SSL/VT)

FEATURES



Low profile frame design
for excellent working visibility



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

Reinforced sides
Increases axial load bearing

Heavy duty adjustable skids

Aggressive body design
the protruding rotor allows more material to process without dragging material

External pressure control Gauge



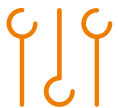
Poly-Chain® Carbon transmission belts
for solid power conversion and maximum productivity

Double row protection chains
knocks down the material exiting out the back, increasing safety





MAIN OPTIONS



1

VT motor
adjusts the motor to obtain the maximum performance from any skid steer



2

Diverter valve to control hood cylinders (plug & play)
to control the opening and closing of the hydraulic door



3

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.



4

Roof mounted cooler
for working in hot climates

MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max					C/3+C/3/SS	I+C/3/SS
UML/SSL 125	75	120	130	150	200	350	1340	1640	1140	200	26+2	36+2
UML/SSL 150	75	120	130	150	200	350	1580	1880	1240	200	32+2	42+2
UML/SSL 175	85	120	130	150	230	350	1820	2120	1330	200	36+2	50+2
UML/SSL/VT 125*	75	120	130	200	200	350	1340	1640	1100	200	26+2	36+2
UML/SSL/VT 150*	75	120	130	200	200	350	1580	1880	1250	200	32+2	42+2
UML/SSL/VT 175*	75	120	130	200	200	350	1820	2120	1340	200	36+2	50+2

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*Variable displacement hydraulic motor.

EXCAVATOR MULCHERS

Our commercial grade hydraulic mulchers can be attached to excavators for reclamation and maintenance operations as well as in difficult conditions thanks in part to their manageability and ease of use. The heavy duty design and manufacturing of these attachments give them longer working lives.



PML/HY

Mulcher with hammer/flail rotor for excavator.

p. 016

Min

Max



PMM/HY

Mulcher with hammer/flail rotor for excavator.

p. 017

Min

Max



PML/EX

Mulcher with hammer/flail rotor for excavator.

p. 018

Min

Max



PMM/EX

Mulcher with hammer/flail rotor for excavator.

p. 019

Min

Max



BL1/EX

Forestry mulcher with bite limiter technology.

p. 020

Min

Max



DML/HY - DML/HY/VT

Forestry mulcher with fixed blade rotor for excavators.

p. 022

Min

Max



BL2/EX/VT

Forestry mulcher with bite limiter technology.

p. 024

Min

Max



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

Forestry mulcher with fixed tooth rotor for excavators or swinging hammers rotor.

p. 026

Min

Max



UML/EX - UML/EX/VT - FML/EX

Forestry mulcher with fixed tooth rotor for excavators or swinging hammers rotor.

p. 028

Min

Max



UML/S/EX/VT

Forestry mulcher with fixed tooth rotor for excavators.

p. 030

Min

Max



UMM/EX - UMM/EX/VT

Forestry mulcher with fixed tooth rotor for excavators.

p. 032

Min

Max



UML/HY/RW - FML/HY/RW

Forestry mulcher for excavators or special machines, with fixed tooth rotor or with swinging hammers rotor.

p. 034

Min

Max

EFFICIENCY ALL THE WAY



EXCAVATOR MULCHERS

PML/HY



from 16 to 40 L/min



Ø4 cm max



from 1,5 to 3,5 t

MULCHER WITH HAMMER/FLAIL ROTOR FOR EXCAVATORS.

FAE's smallest excavator mulcher is designed for cleaning up brambles and shrubs.

This mulcher can be equipped with a standard 8cc or optional 16cc motor for mounting on excavators ranging from 1.3 to 3.5 tons.

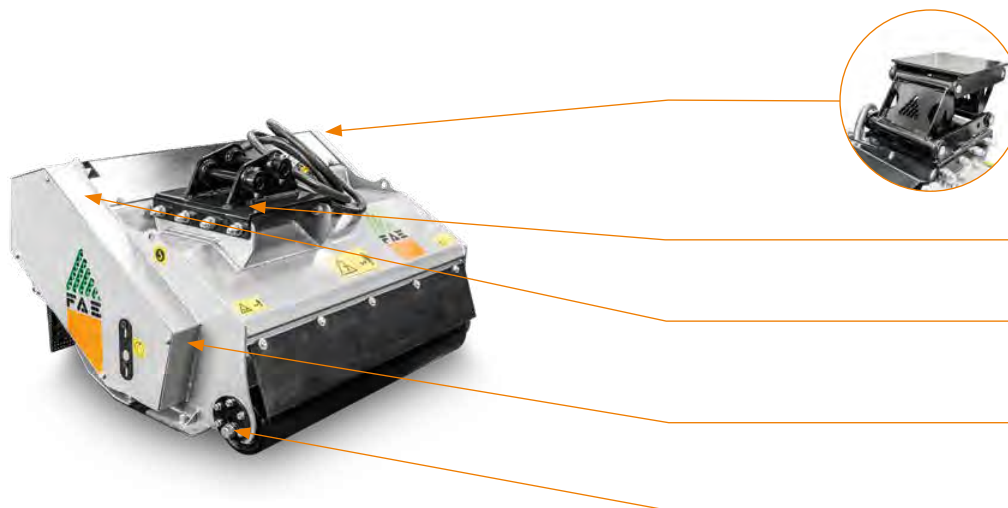


STANDARD EQUIPMENT

Enclosed machine body
Belt transmission
8cc gear motor with integrated anticavitation valve - (16 - 20 L/min)
Hydraulic hoses
Welded counter blade
Rear roller
Self leveling protection rubber
Possibility to have the rotor equipped with PML hammers or Y-fails

OPTIONS

16cc gear motor with integrated anticavitation valve - (35 - 40 L/min)
Customized attachment bracket
Attachment plate with self leveling device
Multiple tooth options



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

Customized attachment bracket
(optional)

Enclosed machine body

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

Self-cleaning support roller

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max				PML	Y
PML/HY 50	16	20	150	210	1,5	3,5	500	180	40	8	8
PML/HY 70	16	20	150	210	2,0	3,5	700	195	40	10	10
PML/HY 90	16	20	150	210	2,5	3,5	900	210	40	14	14

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EXCAVATOR MULCHERS

PMM/HY



from 35 to 87 L/min



Ø5 cm max



from 3,5 to 5,5 t

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.

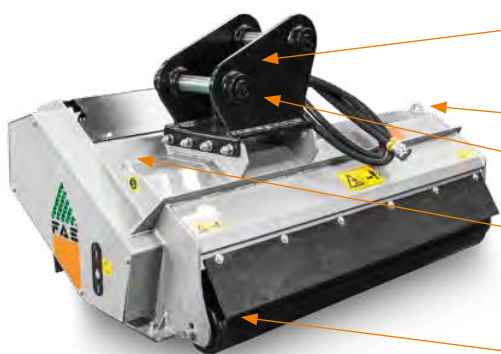


STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
16cc gear motor with integrated anticavitation valve - (35 - 40 L/min)
Hydraulic hoses
Flow control system valve (only with 16 cc and 27 cc motors)
Welded counter blade
Rear roller
Self levelling protection rubber
Possibility to have the rotor equipped with PML hammers or Y-flails

OPTIONS

27cc gear motor with integrated anticavitation valve - (60 - 68 L/min)
17/34cc variable manual displacement hydraulic piston motor with relief and anticavitation valve - (41 - 87 L/min)
Customized attachment bracket
Attachment plate with self leveling device
Multiple tooth options



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

Enclosed machine body

Customized attachment bracket
(optional)

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

Self-cleaning support roller



MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max				PML	Y
PMM/HY 100	35	40	150	210	3,5	5,5	1015	250	50	16	16
PMM/HY 125	35	40	150	210	4,0	5,5	1255	290	50	20	20
PMM/HY 150	35	40	150	210	4,5	5,5	1495	330	50	24	24

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

EXCAVATOR MULCHERS

PML/EX



from 35 to 85 L/min



Ø6 cm max



from 5,5 to 7,5 t

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.



STANDARD EQUIPMENT

Enclosed machine body
Belt transmission
27cc gear motor with integrated anticavitation valve - (35 - 65 L/min)
Hydraulic hoses
Flow control system valve (only with 27 cc and 38 cc motors)
Rear hood with mechanic adjustment
Welded counter blade
Rear roller
Possibility to have the rotor equipped with PML hammers or Y-fails

OPTIONS

38cc gear motor with integrated anticavitation valve - (75 - 85 L/min)
17/34cc variable manual displacement hydraulic piston motor with relief and anticavitation valve - (35 - 75 L/min)
Customized attachment bracket
Attachment plate with self leveling device
Multiple tooth options



Hydraulic hoses

Various types of hydraulic motors

to adapt to different models of excavators

Steel counter-blades

helps mulch material into a smaller final size

Flow control system valve

to protect the motor from excessive flow

Anti dust machine body

Self-cleaning support roller

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max				PML	Y
PML/EX 100	35	65	180	210	5,5	7,5	1015	320	60	16	16
PML/EX 125	35	65	180	210	6,0	7,5	1255	360	60	20	20
PML/EX 150	35	65	180	210	6,5	7,5	1495	400	60	24	24

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



from 60 to 130 L/min



Ø8 cm max



from 6 to 13 t

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.

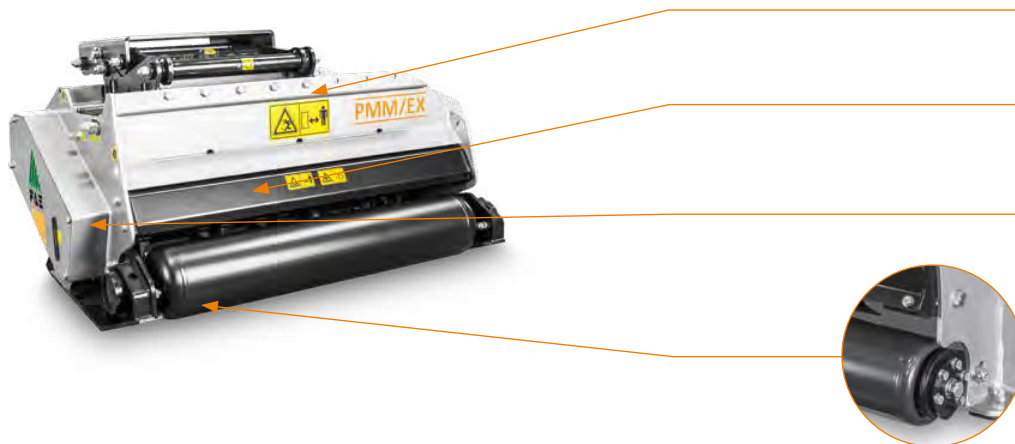
The stronger roller supports (optional) ensure the best performance and maximum reliability on difficult terrain. The flow control valve ensures minimal setup of the mulcher without adjustments or modifications to the hydraulic system of the excavator.



STANDARD EQUIPMENT
Enclosed machine body
Belt transmission
32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve - (60 -130 L/min)
Flow control valve
Hood with mechanical adjustment
Adjustable skids
Welded counter blade

Rear roller
Possibility to have the rotor equipped with PML hammers or Y-flails

OPTIONS
Customized attachment bracket
Attachment plate with self leveling device
Stronger bearing for back roller
Multiple flail options



Enclosed machine body

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

Stronger bearings for the support roller

Self-cleaning support roller

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max				PMM	Y
PMM/EX 100	60	130	180	250	6	13	1060	520	80	12	12
PMM/EX 125	60	130	180	250	6	13	1300	600	80	16	16
PMM/EX 150	60	130	180	250	6	13	1540	680	80	18	18
PMM/EX 175	60	130	180	250	7	13	1780	760	80	22	22

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

NEW

EXCAVATOR MULCHERS

BL1/EX



from 50 to 130 L/min



Ø12 cm max



from 4 to 7,5 t

FORESTRY MULCHER WITH BITE LIMITER TECHNOLOGY.

F AE introduces a new line of professional mulchers for excavators equipped with Bite Limiter technology. Special steel profiles limit the depth of blade action, reducing the demand for power, guaranteeing speed and exceptional performance. The BL1/EX (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 has a rotor equipped with a heat-treated forged steel tooth holder, together with Type E reversible blades. This light, compact mulcher is easy to maneuver and perfect for various types of forestry work.

STANDARD EQUIPMENT

17/34cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (50 - 130 L/min)

Flow control system valve

Safety and anticavitation valve

Motor enclosed in the frame

Belt transmission

Bulkhead for hydraulic connections

Front hood with mechanical adjustment

Rotor Bite Limiter

OPTIONS

Diverter valve (plug in and play)

Hydraulic front hood

Dedicated rear hood (deflector)

Front fixed thumb

Customized attachment bracket with pins

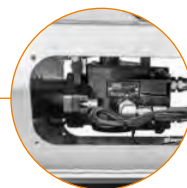
Multiple tooth options

FEATURES



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 heel
to move and reposition material.



Bite limiter rotor
Special steel limiter rings control the depth of blade action.



THE COMPACT MULCHER
THAT PACKS A PUNCH



MAIN OPTIONS



1 Attachment bracket



2 Custom made heel
to move and reposition material



3 Hydraulic front hood



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

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t)		Working width (mm)	Weight (kg)	Max. shredding diameter (mm)	No. teeth E
	min	max	min	max	min	max				
BL1/EX - 75	50	130	180	350	4	7,5	800	355	120	14

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

EXCAVATOR MULCHERS

DML/HY - DML/HY/VT



from 50 to 200 L/min



Ø 12 cm max



from 5 to 13 t

FORESTRY MULCHER WITH FIXED BLADE 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).

STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
17/34cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (DML/HY) - (50 - 115 L/min)
Safety and anticavitation valve (DML/HY)
55/38cc variable torque hydraulic piston motor (DML/HY/VT) - (50 - 115 L/min)
Flow control system valve
Front hood with mechanical adjustment
Rear hood with mechanical adjustment
Welded counter blade

Protection chains

Motor enclosed in frame

Supporting service leg

OPTIONS

32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (DML/HY) - (90 - 200 L/min)

Customized setting hydraulic motor (DML/HY/VT)

Hydraulic rear hood

Hydraulic front hood

Customized attachment bracket

Customized attachment bracket with fixed thumb

Multiple tooth options

FEATURES



VT motor
to increase performance and reduce operating costs

Hydraulic rear hood
(optional)



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

Flow control valve
to protect the motor from excessive flow

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





MAIN OPTIONS



1 Customized attachment bracket



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



3 VT motor
Adjustable motor to obtain the maximum performance from any excavator



4 Customized attachment bracket with fixed thumb

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. blades type E
	min	max	min	max	min	max				
DML/HY 75	50	115	180	250	5	13	800	470	120	20
DML/HY 100	50	115	180	250	5	13	1000	490	120	24
DML/HY 125	50	115	180	250	5	13	1240	510	120	30
DML/HY/VT 75*	90	115	180	345	5	13	800	470	120	20
DML/HY/VT 100*	90	115	180	345	5	13	1000	490	120	24
DML/HY/VT 125*	90	115	180	345	5	13	1240	510	120	30

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

NEW

EXCAVATOR MULCHERS

BL2/EX/VT



from 100 to 140 L/min



Ø 15 cm max



from 8 to 14 t

FORESTRY MULCHER WITH BITE LIMITER TECHNOLOGY.

Special steel profiles limit the depth of blade action, reducing the demand for power, guaranteeing speed and exceptional performance. The BL2/EX/VT, designed for excavators from 8 to 14 t will mulch logs up to a diameter of 15 cm and is available in two working widths (100 cm and 125 cm). It has a hydraulic piston motor with VT (variable torque) automatic displacement, significantly improving performance, increasing torque when necessary, and minimizing rotor stalling conditions. The BL2/EX/VT has a rotor equipped with a heat-treated forged steel tooth holder, together with Type E reversible blades, and a standard hydraulic front hood. The hydraulic thumb is one of the available options, useful in managing and moving the material to be mulched to the ground.

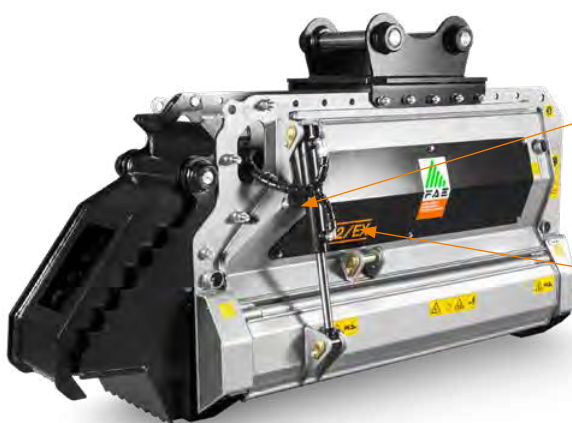
STANDARD EQUIPMENT

55/38cc variable torque hydraulic piston motor - (100 - 140 L/min)
Flow control system valve
Diverter valve (plug in and play)
Safety and anticavitation valve
Motor enclosed in the frame
Belt transmission
Bulkhead for hydraulic connections
Hydraulic front hood
Bite Limiter rotor

OPTIONS

Dedicated rear hood (deflector)
Front fixed thumb bracked
Hydraulic thumb
Customized attachment bracket with pins
Attachment plate with self levelling device
Multiple tooth options

FEATURES



Hydraulic front trap door

Helps contain debris and achieves finer sizing (Optional).

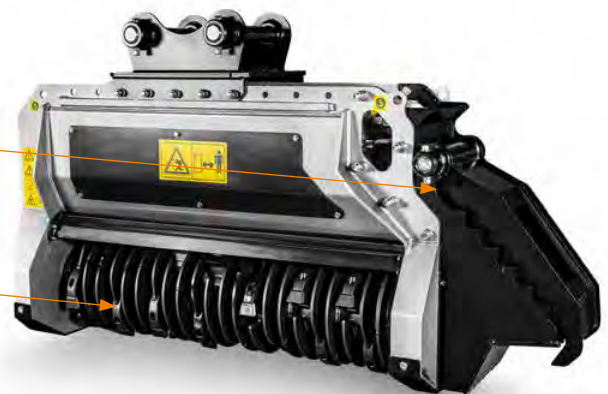


Hydraulic piston motor

Variable displacement (VT Variable torque).

Custom made heel
to move and reposition material.

Bite limiter rotor
Special steel limiter rings control the depth of blade action.



LIGHT AND COMPACT
PERFECT FOR MIDSIZE EXCAVATORS



MAIN OPTIONS



1 Attachment bracket



2 Excavator stand and hydraulic thumb
Useful in moving material to be mulched



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



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

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth E
	min	max	min	max	min	max				
BL2/EX/VT 100	100	140	180	350	8	14	1000	570	150	18
BL2/EX/VT 125	100	140	180	350	8	14	1240	625	150	22

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

EXCAVATOR MULCHERS

UML/HY - FML/HY



from 90 to 170 L/min



Ø 15 cm max



from 7 to 15 t

FORESTRY MULCHER FOR EXCAVATORS WITH FIXED TOOTH ROTOR (UML/HY) OR WITH SWINGING HAMMERS ROTOR (FML/HY).

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.

STANDARD EQUIPMENT

Enclosed machine body
Belt transmission
32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (UML/HY) - (90 - 170 L/min)
80/50cc variable torque hydraulic piston motor (UML/HY/VT) - (100 - 145 L/min)
Flow control system valve
Hydraulic hood
Welded counter blade
Dual row protection chains
Motor enclosed in the frame
Supporting service leg

OPTIONS

Customized setting hydraulic motor (UML/HY/VT)
Hood with mechanical adjustment
Diverter valve
Customized attachment bracket
Customized attachment bracket with fixed thumb
Multiple tooth options
With rotor Bite Limiter (UML/HY/VT)

FEATURES

Customized attachment bracket with pins
(optional)

Motor enclosed frame
protected from dirt and damage

Flow control valve
to protect the motor from excessive flow

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

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

VT motor
Adjustable motor to obtain the maximum performance from any excavator

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



1

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



2

Customized attachment bracket with fixed thumb

MODELLO	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth/hammers type		
	min	max	min	max	min	max				C/3+C/3/SS	I+C/3/SS	FML
UML/HY 100	90	170	180	250	7	15	1100	870	150	20+2	28+2	-
UML/HY 125	90	170	180	250	7	15	1340	970	150	26+2	36+2	-
UML/HY 150	90	170	180	250	7	15	1580	1070	150	32+2	42+2	-
UML/HY/VT 100*	100	145	180	350	7	15	1100	870	150	20+2	28+2	-
UML/HY/VT 125*	100	145	180	350	7	15	1340	970	150	26+2	36+2	-
UML/HY/VT 150*	100	145	180	350	7	15	1580	1070	150	32+2	42+2	-
FML/HY 100	90	170	180	250	7	15	1100	830	150	-	-	16
FML/HY 125	90	170	180	250	7	15	1340	930	150	-	-	20
FML/HY 150	90	170	180	250	7	15	1580	1030	150	-	-	24

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

EXCAVATOR MULCHERS

UML/EX - FML/EX



from 110 to 180 L/min



Ø 20 cm max



from 14 to 20 t

FORESTRY MULCHER WITH FIXED TOOTH ROTOR (UML/EX) OR WITH SWINGING HAMMERS ROTOR (FML/EX) FOR EXCAVATORS.

Thanks to its size, heavy duty construction, reliability and performance, the UML/EX 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.

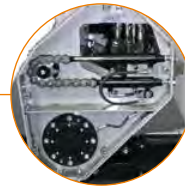
STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
Hydraulic piston motor 63cc with relief and anticavitation valve (UML/EX) - (110 - 150 L/min)
110/60cc variable torque hydraulic piston motor (UML/EX/VT) - (120 - 180 L/min)
Flow control system valve
Hydraulic hood
Welded counter blade
Bolted dual row protection chains
Motor enclosed in frame
Motor integrated into the frame
Supporting service leg

OPTIONS

Customized setting hydraulic motor (UML/EX/VT)
Diverter valve
Customized attachment bracket
Customized attachment bracket with fixed thumb
Multiple tooth options
With rotor Bite Limiter (UML/EX/VT)

FEATURES



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



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

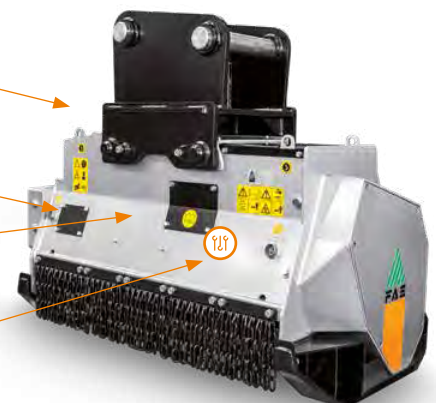


Customized attachment bracket with fixed thumb
(optional)

Motor enclosed in frame
protected from dirt and damage

Flow control valve
to protect the motor from excessive flow

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



VT variable torque motor
to increase performance and reduce operating costs

THE BEST SELLER.
UNDISPUTED MARKET LEADER



MAIN OPTIONS



1 Additional reinforced side plates for extreme conditions



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

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth/hammers type		
	min	max	min	max	min	max				C/3+C/3/SS	I+C/3/SS	FMM
UML/EX 100	110	150	220	350	14	20	1100	980	200	20+2	28+2	-
UML/EX 125	110	150	220	350	14	20	1340	1085	200	26+2	36+2	-
UML/EX 150	110	150	220	350	14	20	1580	1185	200	32+2	42+2	-
UML/EX/VT 100*	120	180	220	350	14	20	1100	980	200	20+2	28+2	-
UML/EX/VT 125*	120	180	220	350	14	20	1340	1140	200	26+2	36+2	-
UML/EX/VT 150*	120	180	220	350	14	20	1580	1240	200	32+2	42+2	-
FML/EX 100	110	150	220	350	14	20	1100	950	200	-	-	16
FML/EX 125	110	150	220	350	14	20	1340	1050	200	-	-	20
FML/EX 150	110	150	220	350	14	20	1580	1150	200	-	-	24

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

NEW SONIC SYSTEM

EXCAVATOR MULCHERS

UML/S/EX/VT



from 150 to 300 L/min



Ø 25 cm max



from 18 to 25 t

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.

STANDARD EQUIPMENT

Enclosed machine body
Belt transmission
110/60cc variable torque hydraulic piston motor - (150 -200 L/min)
Flow control valve
Hydraulic hood
Interchangeable counter blades
Bolted, dual row protection chains
Motor integrated into the frame
Supporting service leg

OPTIONS

160/115cc variable torque hydraulic piston motor - (150 - 300 L/min)
Customized setting hydraulic motor
Diverter valve (plug & play) + ext. wiring
Additional reinforced side plates
Customized attachment bracket
Customized attachment bracket with extended-heel
Multiple tooth options
Sonic System
With rotor Bite Limiter (UML/S/EX/VT)

FEATURES



Hydraulic controlled hood

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

Forged and hardened interchangeable counter-blades for the maximum duration

Oversized hubs and bearings

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

VT variable torque motor
to increase performance and reduce operating costs



THE NEW REFERENCE POINT
FOR 18 TO 25 TON EXCAVATORS



MAIN OPTIONS



1 Customized attachment bracket



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



3 Additional reinforced side plates
for extreme conditions



4 Customized attachment bracket with fixed thumb



SONIC SYSTEM

Sonic 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.

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max				C/3+C/3/SS	I+C/3/SS
UML/S/EX/VT 125	150	200	220	350	18	25	1350	1500	250	26+4	36+2
UML/S/EX/VT 150	150	200	220	350	18	25	1590	1660	250	32+4	42+2

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

EXCAVATOR MULCHERS

UMM/EX - UMM/EX/VT



from 130 to 300 L/min



Ø 30 cm max



from 20 to 30 t

FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR EXCAVATORS.

The UMM/EX is the flagship model of the FAE excavator mulcher lineup. The larger dimension of the rotor gives a better performance with the option of choosing between various hydraulic motors and types of teeth. This model is extremely versatile and capable of meeting the requirements of all land reclamation professionals.

STANDARD EQUIPMENT

Enclosed machine body
Belt transmission
Hydraulic piston motor 63cc with relief and anticavitation valve (UMM/EX) - (130 - 180 L/min)
110/60cc variable torque hydraulic piston motor (UMM/EX/VT) - (130 - 200 L/min)
Flow control valve
Hydraulic hood
Interchangeable counter blades
Motor enclosed in frame
Protection chains
Supporting service leg

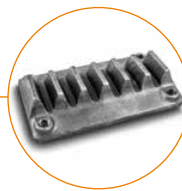
OPTIONS

Hydraulic piston motor 90cc with relief and anticavitation valve (UMM/EX) - (130 - 240 L/min)
160/115cc variable torque hydraulic piston motor (UMM/EX/VT) - (130 - 300 L/min)
Customized setting hydraulic motor (UMM/EX/VT)
Diverter valve
Additional reinforced side plates
Customized attachment bracket
Customized attachment bracket with fixed thumb
Multiple tooth options

FEATURES



Enclosed machine body



Forged and hardened interchangeable counter-blades for the longest working life

Motor integrated into the frame protected from dirt and impact

Flow control valve protects the motor from excessive flow



FOR THE MOST DEMANDING PROFESSIONALS
IN THE MOST EXTREME CONDITIONS



MAIN OPTIONS



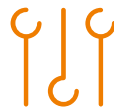
1 Customized attachment bracket



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



3 Additional reinforced side plates for extreme conditions



4 VT motor Adjustable motor to obtain the maximum performance from any excavator

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max				C/3+C/3/SS	I+C/3/SS
UMM/EX 125	130	180	240	350	20	30	1340	1980	300	26+2	38+2
UMM/EX 150	130	180	240	350	20	30	1580	2080	300	32+2	46+2
UMM/EX/VT 125*	130	200	240	350	20	30	1340	1980	300	26+2	38+2
UMM/EX/VT 150*	130	200	240	350	20	30	1580	2080	300	32+2	46+2

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

EXCAVATOR MULCHERS

UML/HY/RW-FML/HY/RW



from 80 to 160 L/min



Ø12 cm max



from 6 to 10 t

FORESTRY MULCHER FOR EXCAVATORS OR SPECIAL MACHINES, WITH FIXED TOOTH ROTOR (UML) OR WITH SWINGING HAMMERS ROTOR (FML).

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.

Also available with swinging hammers rotor.



STANDARD EQUIPMENT

Enclosed machine body

Belt transmission

Hydraulic piston motor 63cc with relief and anticavitation valve - (80 -160 L/min)

Hydraulic rear hood

Welded counter blade

Motor integrated into the frame

OPTIONS

Multiple tooth options



Motor enclosed in frame
protected from dirt and damage

Hydraulic piston motor 63cc with relief and anticavitation valve

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



MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth/hammers type		
	min	max	min	max	min	max				C/3•C/3/SS	I•C/3/SS	FML
UML/HY/RW 125	80	160	220	250	6	10	1340	590	120	26+2	36+2	-
UML/HY/RW 150	80	160	220	250	6	10	1580	630	120	32+2	42+2	-
FML/HY/RW 125	80	160	220	250	6	10	1340	550	120	-	-	20
FML/HY/RW 150	80	160	220	250	6	10	1580	590	120	-	-	24

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

**EVERY DETAIL DESIGNED
WITH CARE**



EXCAVATOR STUMP CUTTER

Our professional, hydraulic driven excavator stump cutters can be utilized for easy and quick removal of stumps.



SCL/HY

Disc stump cutter for excavators.

p. 038

Min

Max



SCL/EX/VT

Disc stump cutter for excavators.

p. 040

Min

Max



SCM/EX/VT

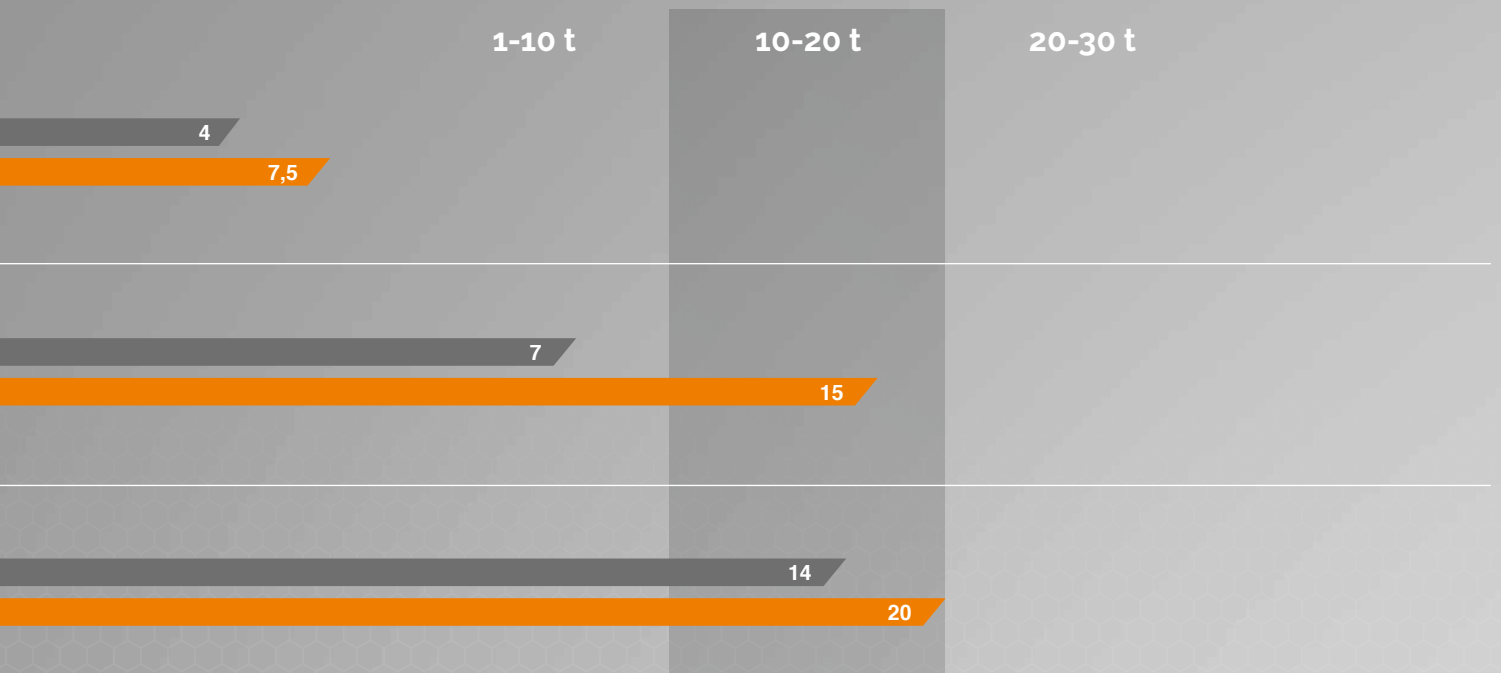
Disc stump cutter for excavators.

p. 042

Min

Max

IT REACHES AND OVERCOMES OBSTACLES



NEW

EXCAVATOR STUMP CUTTER

SCL/HY



from 50 to 100 L/min



from 4 to 7.5 t

DISC STUMP CUTTER FOR EXCAVATORS.

The SCL/HY is a new compact stump cutter for removing individual stumps in forests, parks, roadside and on river banks. Its smaller size makes it very easy to maneuver and suitable for small and midsize excavators (4 to 7.5 t). The piston engine (with manually controlled variable displacement) makes it easy to use on different excavators with different oil flow rates. SCL/HY has a disc stump cutter with type L fixed teeth, making it possible to cut stumps solely through the lateral movement of the head rather than through difficult maneuvering of the excavator. Additionally, the hydraulically adjustable front hood with 12 V diverter valve and the integrated bracket on the machine body make milling work very easy. It comes equipped with a belt transmission and various easily replaceable components.

STANDARD EQUIPMENT

32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve - (50 - 100 L/min)

Flow control system valve

Diverter valve (plug in and play)

Safety and anticavitation valve

Enclosed / anti dust machine body

Motor enclosed in the frame

Belt transmission

Bulkhead for hydraulic connections

Hydraulic front hood

Front fixed thumb bracketed

Screwed dual row protection chains

OPTIONS

Customized attachment bracket with pins

Customized attachment bracket with pins and leg

FEATURES



Hydraulic front hood

Reduces the ejection of mulched material at all operating depths.

Interchangeable attachable protection chains

Limit mulched material output.

Thumb bracket

Useful in moving material to be mulched.

Disc stump cutter





MAIN OPTIONS



1

Customized Attachment bracket

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t)		Rotor diameter (mm)	Total width (mm)	Weight (kg)	No. teeth type L1/L2
	min	max	min	max	min	max				
SCL/HY	50	100	180	350	4	7,5	570	600	460	15+15

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

EXCAVATOR STUMP CUTTER

SCL/EX/VT



from 100 to 160 L/min



from 7 to 15 t

DISC STUMP CUTTER FOR EXCAVATORS.

The SCL/EX/VT is for excavators ranging from 7 to 15 t. Thanks to the heavy duty and larger disk, stump removal is made easier in any situation; even when using medium and small size excavators.

This unit is compact, high performing and is equipped with a hydraulic door to control the exit of debris.

STANDARD EQUIPMENT

Closed machine body
Belt transmission
110/60cc variable torque hydraulic piston motor - (100 - 160 L/min)
Flow control valve
Hydraulic front hood
Motor integrated into the frame
Screwed protection chains
Adjustable supporting service stand

OPTIONS

Motor with extension shaft Sauer variable H1 80/50 - (70 - 120 L/min)
Customized setting hydraulic motor
Diverter valve (plug & play)
Customized attachment bracket
Customized attachment bracket with extended thumb
Front fixed thumb

FEATURES



Access panel



VT motor

Adjustable motor to obtain the maximum performance from any excavator, protected from dirt and damage

Front hydraulic hood with bolt-on chains

Motor enclosed in frame
protected from dirt and damage

Adjustable supporting service stand
for storing the machine when not in use

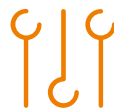




MAIN OPTIONS



1 Front fixed thumb



2 **VT motor**
Adjustable motor to obtain the maximum performance from any excavator



3 Customized attachment bracket with fixed thumb



4 Customized attachment bracket

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Rotor diameter (mm)	Total width (mm)	Weight (kg)	No. teeth L1/L2/L3/L4
	min	max	min	max	min	max				
SCL/EX/VT	100	160	180	350	7	15	660	680	755	12+3+12+3

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

EXCAVATOR STUMP CUTTER

SCM/EX/VT



from 120 to 220 L/min from 14 to 20 t

DISC STUMP CUTTER FOR EXCAVATORS.

The SCM/EX/VT is designed to remove stumps quickly and easily. The front hood with hydraulic adjustment and front fixed thumb are designed to shift previously cut material. This feature combined with the reliability and resistance of the disc allows for the best performance and safety while the stumps are being removed.

STANDARD EQUIPMENT

Enclosed machine body
Belt transmission
160/115cc variable torque hydraulic piston motor - (120 - 220 L/min)
Flow control valve
Hydraulic front hood
Motor integrated into the frame
Screwed protection chains
Adjustable supporting service stand

OPTIONS

Customized setting hydraulic motor
Diverter valve
Customized attachment bracket
Customized attachment bracket with fixed thumb
Front fixed thumb

FEATURES



Access panel



VT motor
to increase performance
and reduce operating costs

**Front hydraulic hood with
bolt-on chains/ protection
plates**

Motor enclosed in frame
protected from dirt and damage

**Adjustable supporting
service stand**
for storing
the machine when not in
use when not in use





MAIN OPTIONS



1 Front fixed thumb



2 **VT motor**
Adjustable motor to obtain the maximum performance from any excavator



3 Customized attachment bracket with fixed thumb



4 Customized attachment bracket

MODEL	Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Rotor diameter (mm)	Total width (mm)	Weight (kg)	No. teeth M1/M2/M3/M4
	min	max	min	max	min	max				
SCM/EX/VT	120	220	220	350	14	20	790	770	1020	12+3+12+3

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

MULCHERS FOR SPECIAL BUILT CARRIERS

Our forestry mulchers have been created for special carriers in line with the specific requirements of the customer. They are utilized for the maintenance and reclamation of forest and agricultural land.



140U

Universal hydraulic mulcher for track and rubber tired carriers.

p. 046

Min

Max



200U

Universal hydraulic mulcher for track and rubber tired carriers.

p. 047

Min

Max



300U

Universal hydraulic mulcher for track and rubber tired carriers.

p. 048

Min

Max



500U

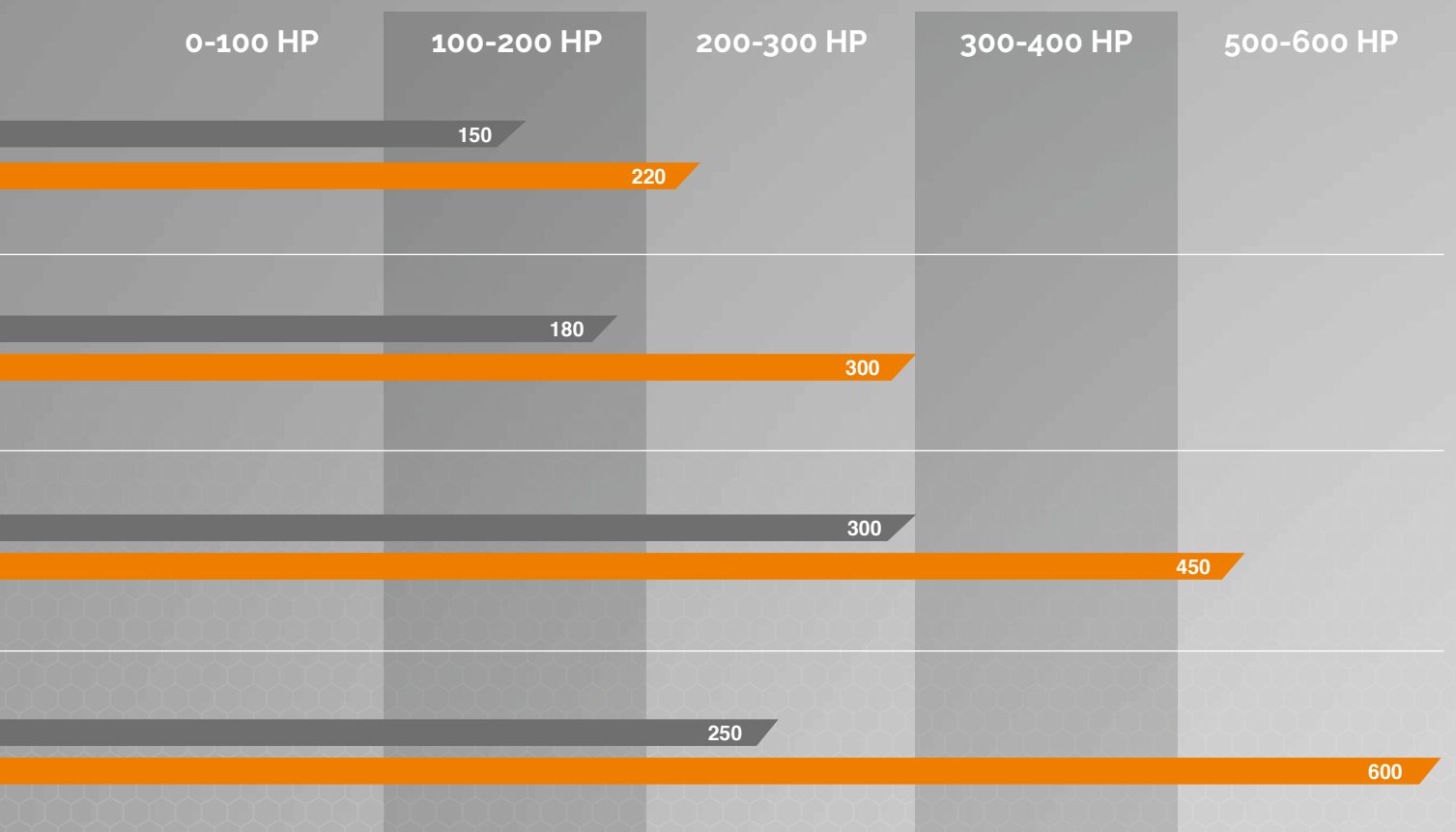
Universal hydraulic mulcher for track and rubber tired carriers.

p. 049

Min

Max

DESIGNED AND BUILT FOR YOU



MULCHERS FOR SPECIAL BUILT CARRIERS

140U



from 150 to 220 HP



Ø25 cm max

UNIVERSAL MULCHER FOR HYDRAULIC CARRIERS.

The 140U is the smallest model in FAE's lineup of forestry mulchers for dedicated carriers. Purpose built for highly professional applications. The dimensions of this model were created to be used for oil exploration by carving out corridors in wooded areas for seismic detections. The heavy duty frame allows for use with tracked vehicles and helps avoid potential damage to the frame or components like the rotor bearings and hubs.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request

- Customized attachment plate**
- Mechanical or hydraulic push frame** (optional)
- Hydraulically controlled hood** to adjust final product size
- Ripper teeth on hydraulic door** (optional)
- Possibility to have the rotor equipped with teeth type C/3/HD, STCL3 or the type-I tooth**
- Adjustable skids**

MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth C/3+C/3/SS
	min	max	min	max	min	max					
140/U - 140	150	220	130	210	250	400	1407	1751	1560	250	28+4
140/U - 150	150	220	130	210	250	400	1587	1931	1600	250	32+4
140/U - 175	150	220	130	210	250	400	1827	2171	1700	250	38+4
140/U - 200	150	220	130	210	250	400	2067	2411	1800	250	42+2

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

MULCHERS FOR SPECIAL BUILT CARRIERS

200U



from 180 to 300 HP



Ø 35 cm max

UNIVERSAL MULCHER FOR HYDRAULIC CARRIERS.

This forestry mulcher combines flexibility and maneuverability in a compact size. The 200U is designed for reclamation of forest terrain and offers high productivity for all mulching operations including bushes, crop residues and trees with a diameter of 35 cm or less.

This units' most recent design and customized elements were based on precise needs of individual customers. Making this unit designed by you and built by us.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request

- Customized attachment plates**
- Mechanical or hydraulic push frame** (optional)
- Hydraulically controlled rear door**
adjust final product size while machine is working size
- Ripper teeth on hydraulic door** (optional)
- Customized mechanical or hydraulic transmission**
- Possibility to have the rotor equipped with teeth type C/3/HD or type STCL/3**
- Adjustable skids**

MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max shredding diameter (mm)	No. teeth C/3+C/3/SS
	min	max	min	max	min	max					
200/U - 200	180	300	150	360	250	415	2064	2464	2960	350	42+2
200/U - 225	180	300	150	360	250	415	2304	2704	3120	350	46+2

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

MULCHERS FOR SPECIAL BUILT CARRIERS

300U



from 300 to 450 HP



Ø 40 cm max

UNIVERSAL MULCHER FOR HYDRAULIC CARRIERS.

High productivity, premium design and optimum weight are key features of this professional grade, fixed tooth mulcher. This attachment can mulch material up to 40 cm in diameter. Like all of our other forestry mulchers, the 300U can be customized for the specific requirements of any manufacturer of self-propelled vehicles.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight with C-type rotor (Kg)	Weight with B-type rotor (Kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max						B/3+C/SS	C/3+C/3/SS
300/U - 200	300	450	370	510	250	415	2304	2784	3850	4190	400	80+2	50+2
300/U - 250	300	450	370	510	250	415	2544	3024	4010	4410	400	92+2	56+2

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

MULCHERS FOR SPECIAL BUILT CARRIERS

500U



from 250 to 600 HP



Ø50 cm max

UNIVERSAL MULCHER FOR HYDRAULIC CARRIERS.

This model represents the best of FAE's lineup of forestry mulchers for special carriers. It is capable of mulching trees up to 50 cm diameter. The transmission was developed for operation with power outputs of up to 600 HP. The 500U is designed for use in various operations of forest reclamation in response to industry needs for more powerful machines. The heavy duty frame allows for use with tracked vehicles.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight with C-type rotor (Kg)	Weight with A-type rotor (Kg)	Max shredding diameter (mm)	No. teeth	
	min	max	min	max	min	max						A/3+MH	C/3+C/3/SS
500/U - 200	250	600	600	720	250	350	2080	2550	3590	3810	500	78+2	50+2
500/U - 225	260	600	600	720	250	350	2320	2790	3770	3990	500	88+2	54+2
500/U - 250	270	600	600	720	250	350	2560	3030	3950	4170	500	96+2	60+2

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

TILLERS FOR SPECIAL BUILT CARRIERS

Designed to meet the demands of working professionals, our forestry tillers are ideal for reclamation and maintenance of forest and agricultural land.



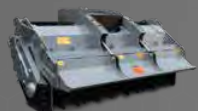
200S

Hydraulic forestry tiller for special built tracked carriers.

p. 052

Min

Max



300S

Hydraulic forestry tiller for special built tracked carriers.

p. 053

Min

Max



500S

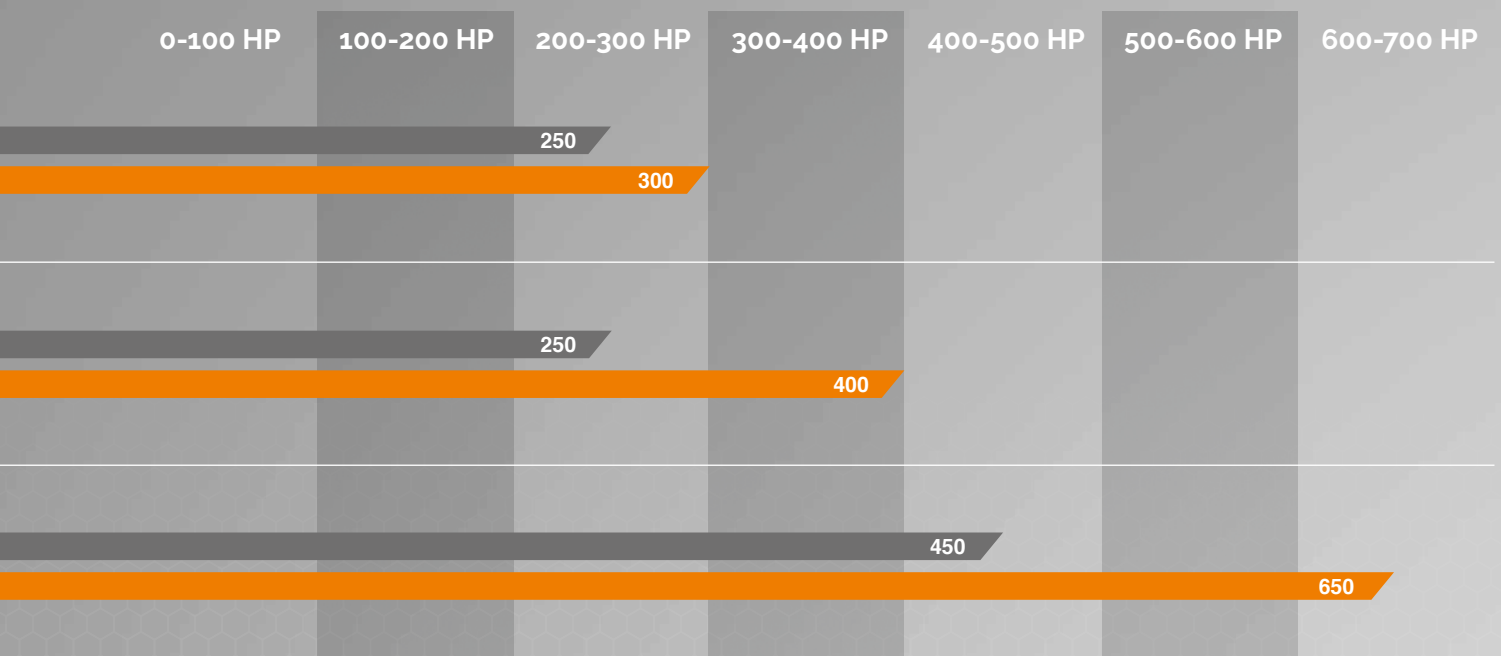
Hydraulic forestry tiller for special built tracked carriers.

p. 054

Min

Max

ABLE TO MEET YOUR REQUIREMENTS



TILLERS FOR SPECIAL BUILT CARRIERS

200S



from 250 to 300 HP



Ø30 cm max



D30 cm

FORESTRY TILLER FOR HYDRAULIC CARRIERS.

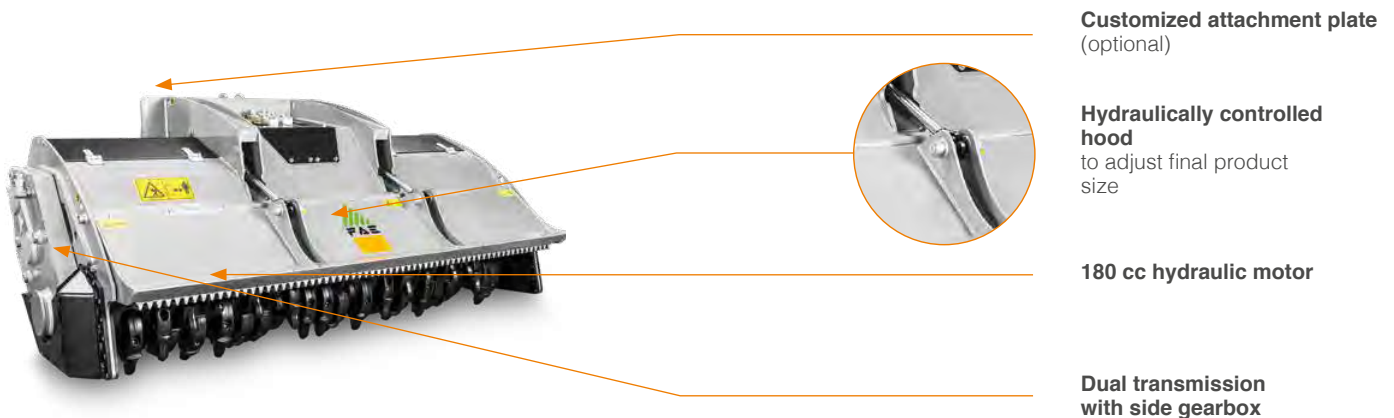
The optimum weight and various available widths , the 200S can adapt to a wide range of machines, and is the ideal solution for many applications.

The transmission with side gearbox allows the rotor to run at a lower speed compared to the conventional belt forestry mulchers. This makes the transmission of the 200S much more reliable.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max working depth (mm)	Max shredding diameter (mm)	No. teeth B/3+C/SS
	min	max	min	max	min	max						
200/S - 225	250	300	350	400	320		2320	2680	3050	300	300	82+4
200/S - 250	250	300	350	400	320		2560	2920	3250	300	300	96+4

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

TILLERS FOR SPECIAL BUILT CARRIERS

300S



from 250 to 400 HP



Ø50 cm max



D40 cm

FORESTRY TILLER FOR HYDRAULIC CARRIERS.

The 300S allows grinding of stumps and roots up to 20" diameter, a depth of 40 cm and a working width of more than 2,5 m.

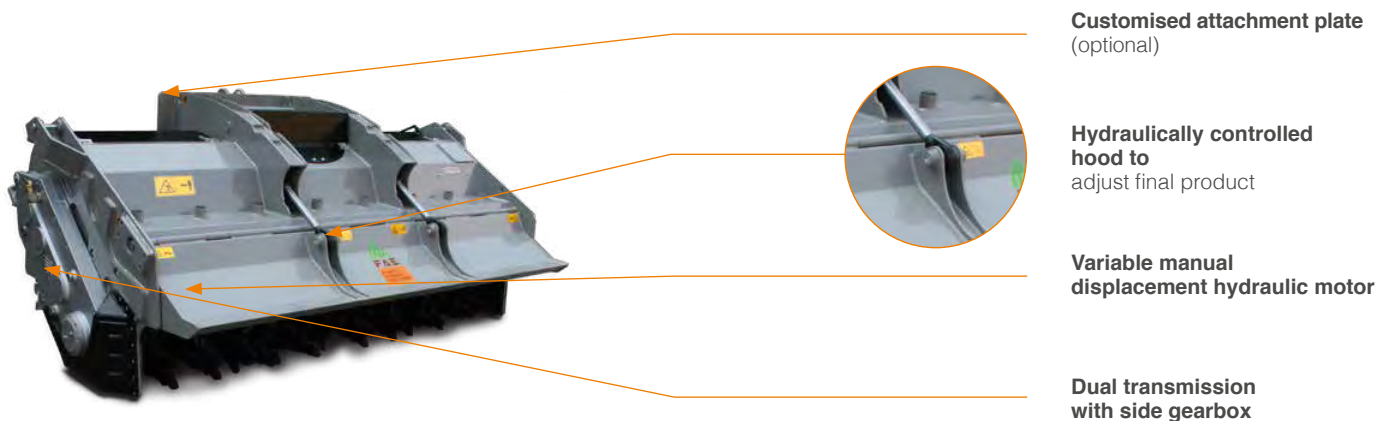
This ensures higher productivity and allows large areas to be reclaimed while still maintaining a well masticated final product.

Transmission designed for low rotor speed with high torque output.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max working depth (mm)	Max shredding diameter (mm)	No. teeth A/3 + MH
	min	max	min	max	min	max						
300/S - 225	250	400	550		380		2320	2650	3520	400	500	88+4
300/S - 250	280	400	550		380		2560	2890	3770	400	500	102+4

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

TILLERS FOR SPECIAL BUILT CARRIERS

500S



from 450 to 650 HP



Ø60 cm max



D50 cm

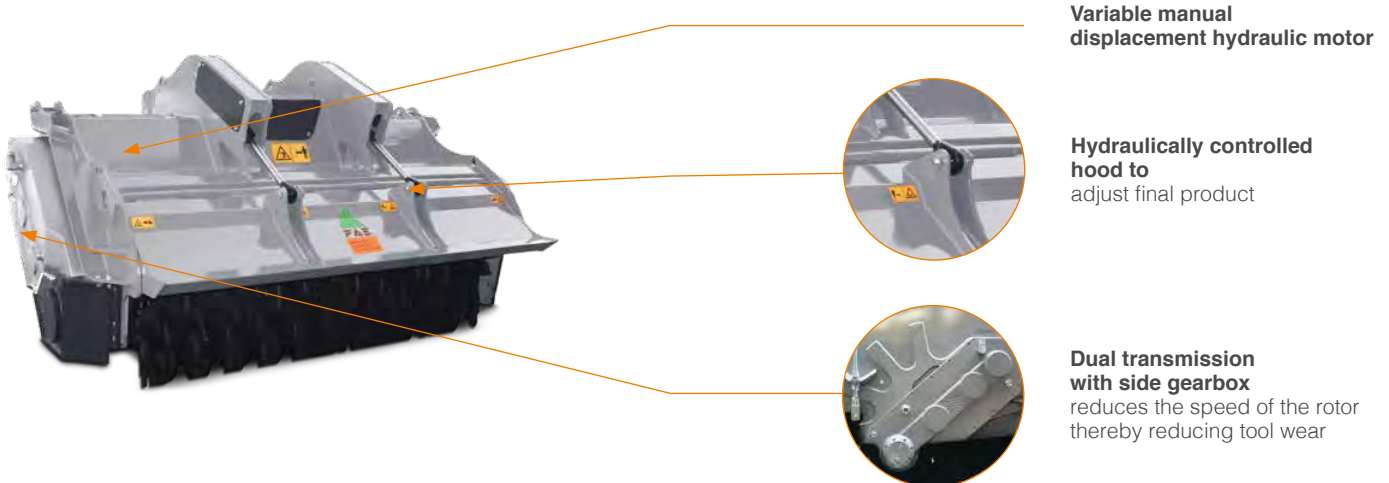
TILLER FOR HYDRAULIC OR MECHANICAL APPLICATIONS.

The transmission on the 500S was developed for use with 450 HP to 650 HP dedicated carriers. The 500S is designed for mulching stumps up to a diameter of 60 cm and roots up to 50 cm depth. Our research, technology and heavy duty construction enable this machine to be reliable and have a long working life.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max working depth (mm)	Max shredding diameter (mm)	No. teeth B/3+STC/3/FP +STC/FP
	min	max	min	max	min	max						
500/S - 225	450	650	550	780	350		2320	2950	5700	500	600	104+4+4
500/S - 250	450	650	550	780	350		2560	3190	5950	500	600	128+4+4
500/S - 275	450	650	550	780	350		2800	3430	6200	500	600	152+4+4

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



MULTITASK: STONE CRUSHERS, FORESTRY TILLERS AND FORESTRY MULCHERS FOR SPECIAL BUILT CARRIERS

Designed to meet the demands of working professionals, our multitask units are designed for a multitude of applications.



SFM/PM

Stone crushers, forestry tillers and forestry mulchers for special built tracked carriers.

p. 058

Min

Max



SFH/PM

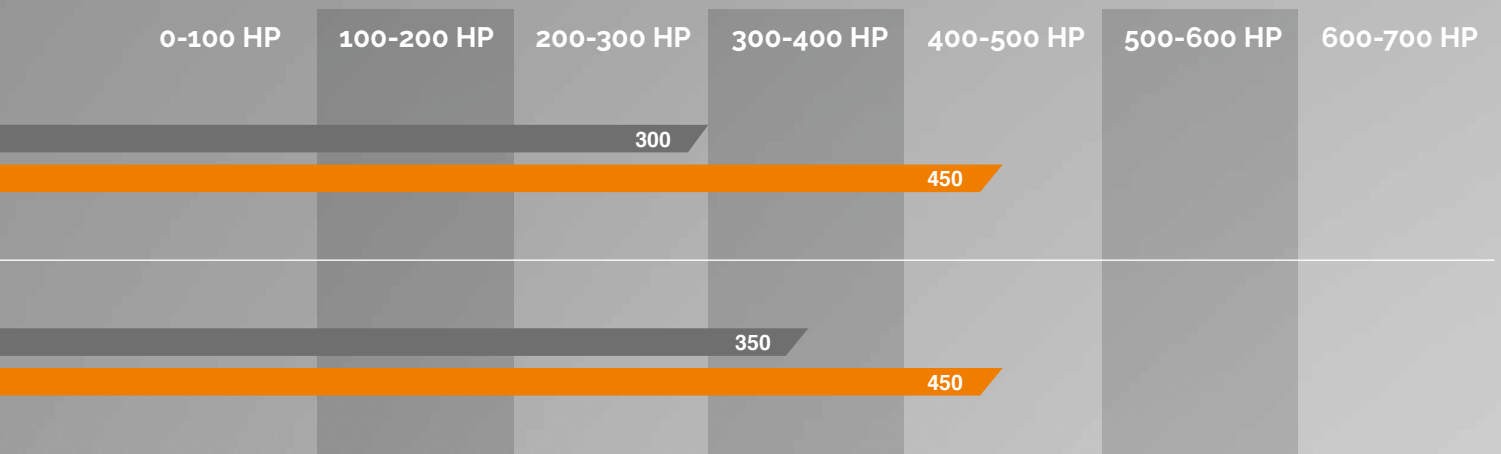
Stone crushers, forestry tillers and forestry mulchers for special built tracked carriers.

p. 059

Min

Max

THREE GOALS WITH **EQUAL EFFICIENCY**



MULTITASKS FOR SPECIAL BUILT CARRIERS

SFM/PM



from 300 to 450 HP



Ø 25 cm max (Stones)
Ø 30 cm max (Forestry)
Ø 50 cm max (Stump)



D30cm

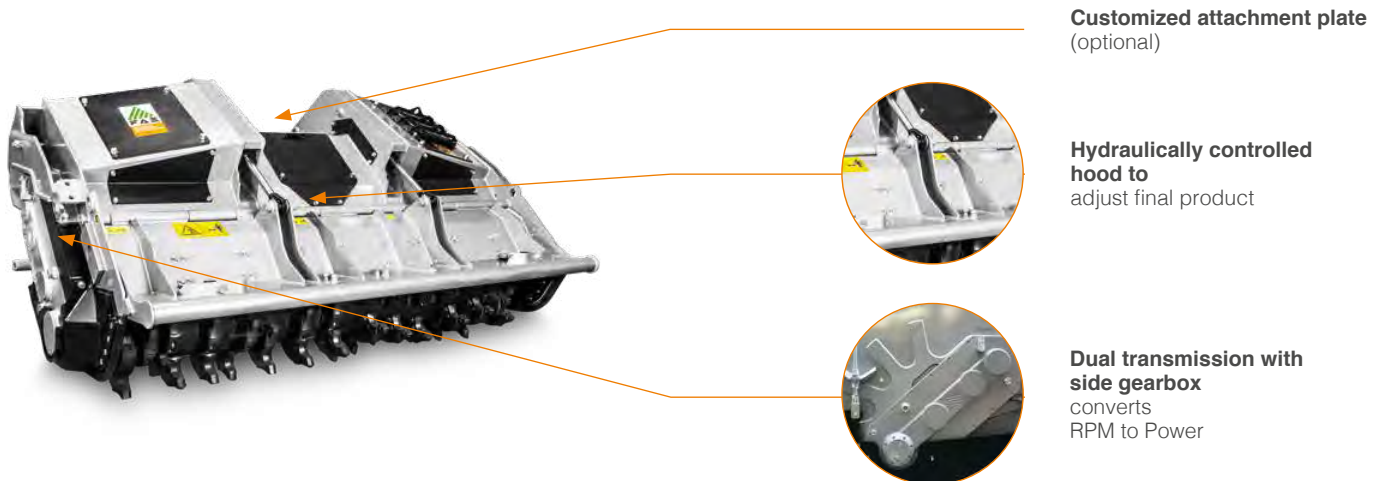
STONE CRUSHERS, FORESTRY TILLERS AND FORESTRY MULCHERS FOR HYDRAULIC CARRIERS.

Thanks to this units' sturdiness and extreme versatility, the SFM/PM can mulch vegetation and grind rocks on carriers up to 450 HP.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max working depth (mm)	Max shredding diameter (mm)			No. teeth F ₃₊ STC/3/FP
	min	max	min	max	min	max					Stones	Forestry	Stump	
SFM/PM - 225	300	450	450	550	350	400	2310	2620	4100	350	250	300	500	58+6
SFM/PM - 250	300	450	450	550	350	400	2550	2860	4400	350	250	300	500	62+6

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

MULTITASKS
FOR SPECIAL BUILT CARRIERS

SFH/PM



from 350 to 450 HP



Ø 35 cm max (Stones)
Ø 45 cm max (Forestry)
Ø 55 cm max (Stump)



D40 cm

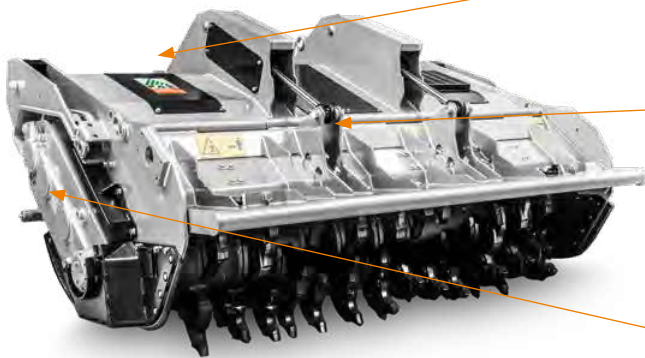
STONE CRUSHERS, FORESTRY TILLERS AND FORESTRY MULCHERS FOR HYDRAULIC CARRIERS.

Thanks to this units' sturdiness and extreme versatility, the SFH/PM can mulch vegetation and grind rocks on carriers up to 450 HP. The SFH/PM can mulch vegetation up to 45 cm diameter and rocks up to 35 cm while operating up to 40 cm depth. With several tooth options and a hydraulic-driven gearbox transmission, the SFH/PM is a unique machine that transforms speed into grinding power.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



Customized attachment plate
(optional)



Hydraulically controlled hood to adjust final product



Dual transmission with side gearbox converts RPM to Power

MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max working depth (mm)	Max shredding diameter (mm)			No. teeth G/3+ +STC/FP
	min	max	min	max	min	max					Stones	Forestry	Stump	
SFH/PM - 225	350	450	450	550	350	415	2320	2710	5600	400	350	450	550	62+8
SFH/PM - 250	350	450	450	550	350	415	2560	2950	5900	400	350	450	550	68+8

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

STUMP CUTTERS FOR SPECIAL BUILT CARRIERS

Our hydraulic driven stump cutters for special built carriers are unbeatable in removing stumps. Easy to use, fast and precise.



300SC

Stump cutter for special built carriers.

p. 062

Min

Max



500SC

Stump cutter for special built carriers.

p. 063

Min

Max

CREATED TO **BETTER ASSIST YOUR PROJECTS**

0-100 HP

100-200 HP

200-300 HP

300-400 HP

400-500 HP

250

300

350

500

STUMP CUTTERS FOR SPECIAL BUILT CARRIERS

300SC



from 250 to 300 HP



Ø50 cm max



D100 cm

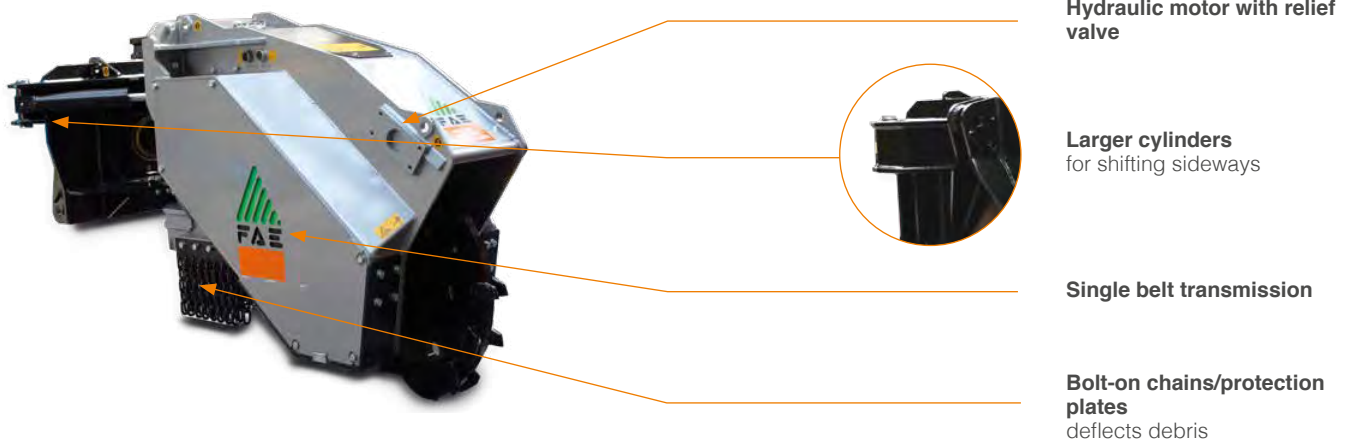
STUMP CUTTER FOR SPECIAL BUILT CARRIERS.

The 300SC stump cutter permits grinding large stumps and roots up to 50cm diameter and 100cm in depth. It utilizes a belt driven transmission and a disc style cutting wheel.



STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



MODEL	Engine (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max working depth (mm)	Max shredding diameter (mm)	No. teeth M1-M2-M3-M4
	min	max	min	max	min	max						
300SC	250	300	300	370	350	400	156	700	2100	1000	500	15+3+15+3

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

STUMP CUTTERS FOR SPECIAL BUILT CARRIERS

500SC



from 400 to 500 PS



Ø60 cm max



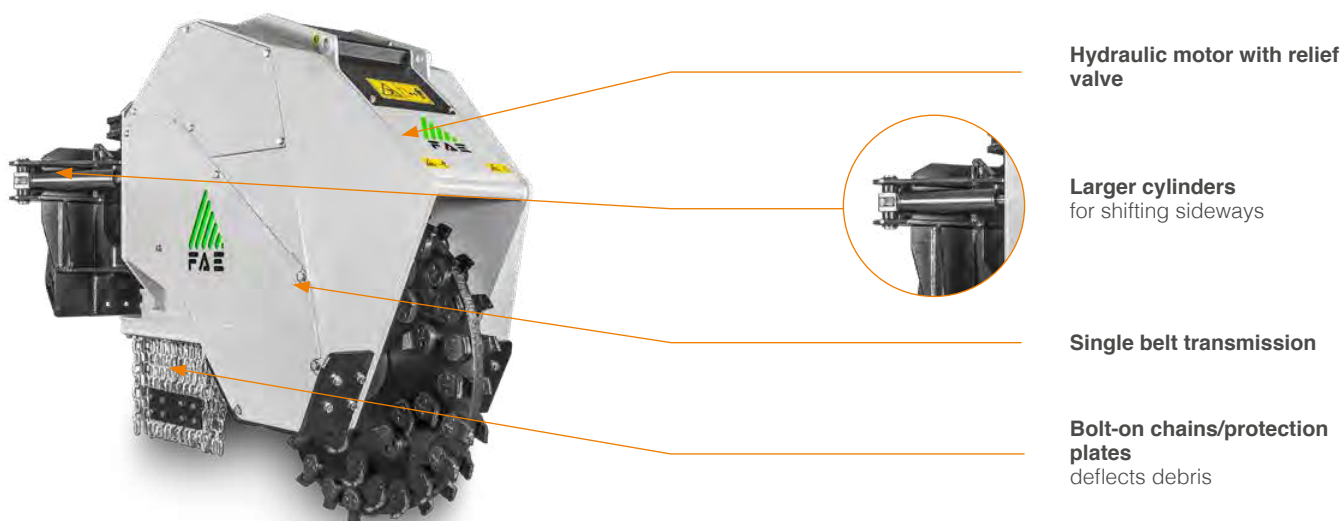
D105 cm

STUMP CUTTER FOR SPECIAL BUILT CARRIERS.

The 500SC stump cutter permits grinding large stumps and roots up to 60cm diameter and 105cm in depth. It utilizes a belt driven transmission and a disc style cutting wheel.

STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customization, the final configuration will be specified upon request



MODEL	Engine (HP)		Flow rate (L/min)	Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max working depth (mm)	Max shredding diameter (mm)	No. teeth M1-M2-M3-M4
	min	max		min	max						
500SC	400	500	600	350	400	413	880	3300	1050	600	30+10+30+10

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

RIGHT TO THE HEART OF THE POWER

THE SPIRAL ROTOR DESIGN REDUCES THE POWER REQUIREMENT

- ✓ EASIER ON THE TRACTOR ENGINE
- ✓ LESS FUEL CONSUMPTION
- ✓ THE TEETH ARE 15 CM (6") IN HEIGHT
- ✓ HIGHER PRODUCTIVITY
- ✓ MORE CONSISTENT FINAL PRODUCT SIZING



FORESTRY ROTOR WITH DOUBLE CARBIDE TEETH

Ideal for heavy duty forestry applications (above ground mulching). Resistant to impact and wear.

THIS ROTOR CAN BE FITTED WITH DIFFERENT TOOL TYPES: C/3, C/3/HD, STCL/3, I, K, C/3 blade.



FORESTRY ROTOR WITH SINGLE CARBIDE TEETH

Ideal for grinding stumps above and below ground.

THIS ROTOR CAN BE FITTED WITH DIFFERENT TOOL TYPES: A/3, A/3/HD, B/3, B/3/HD, F/3, G/3.



ROCK CRUSHER ROTOR

To achieve perfect sizing of the final product in agriculture land reclamation.
THIS ROTOR CAN BE FITTED WITH DIFFERENT TOOL TYPES: STC/3, STC/3/HD, STC/3/FP.



BITE LIMITER

Special steel limiter rings control the depth of blade action.



SWINGING HAMMER ROTOR

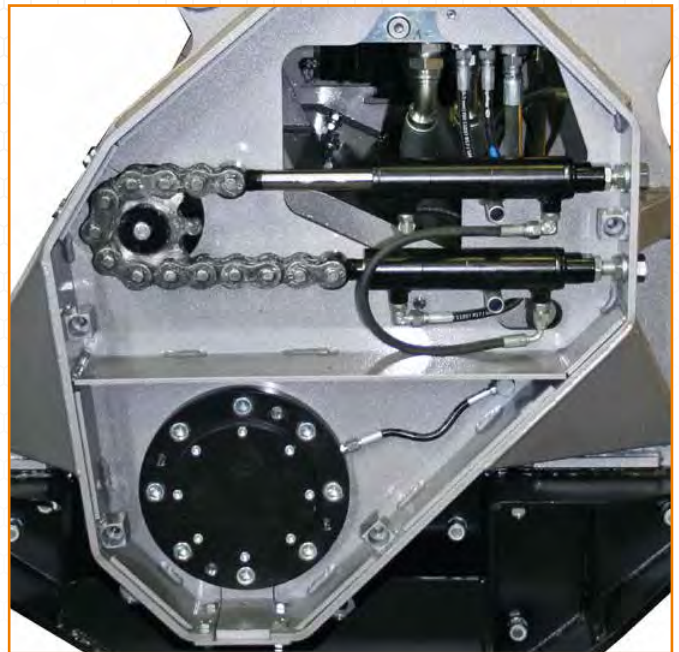
Ideal for applications with high presence of rocks.
THIS ROTOR CAN BE FITTED WITH FMM teeth.

DETAILS MAKE THE DIFFERENCE

OUR MACHINES ARE DESIGNED WITH SPECIAL ATTENTION TO DETAIL.
STARTING FROM THE TECHNICAL DESIGN TO OUR CHOICE OF HIGH QUALITY
MATERIALS, OUR MACHINES ARE HIGHLY RESISTANT TO WEAR AND TEAR.
THE FAE BRAND IS ALWAYS RECOGNIZED FOR ITS HIGH QUALITY STANDARDS.



VT variable torque motor.



Enclosed hood drive system.



Valve block.



Blank attachment plate.

↓ Service access panels.



Part and user manual canister. ↓



← Adjustable Hardox® counter-blade.

↑ Side guards.



← Inner anti wear clad plates FCP.



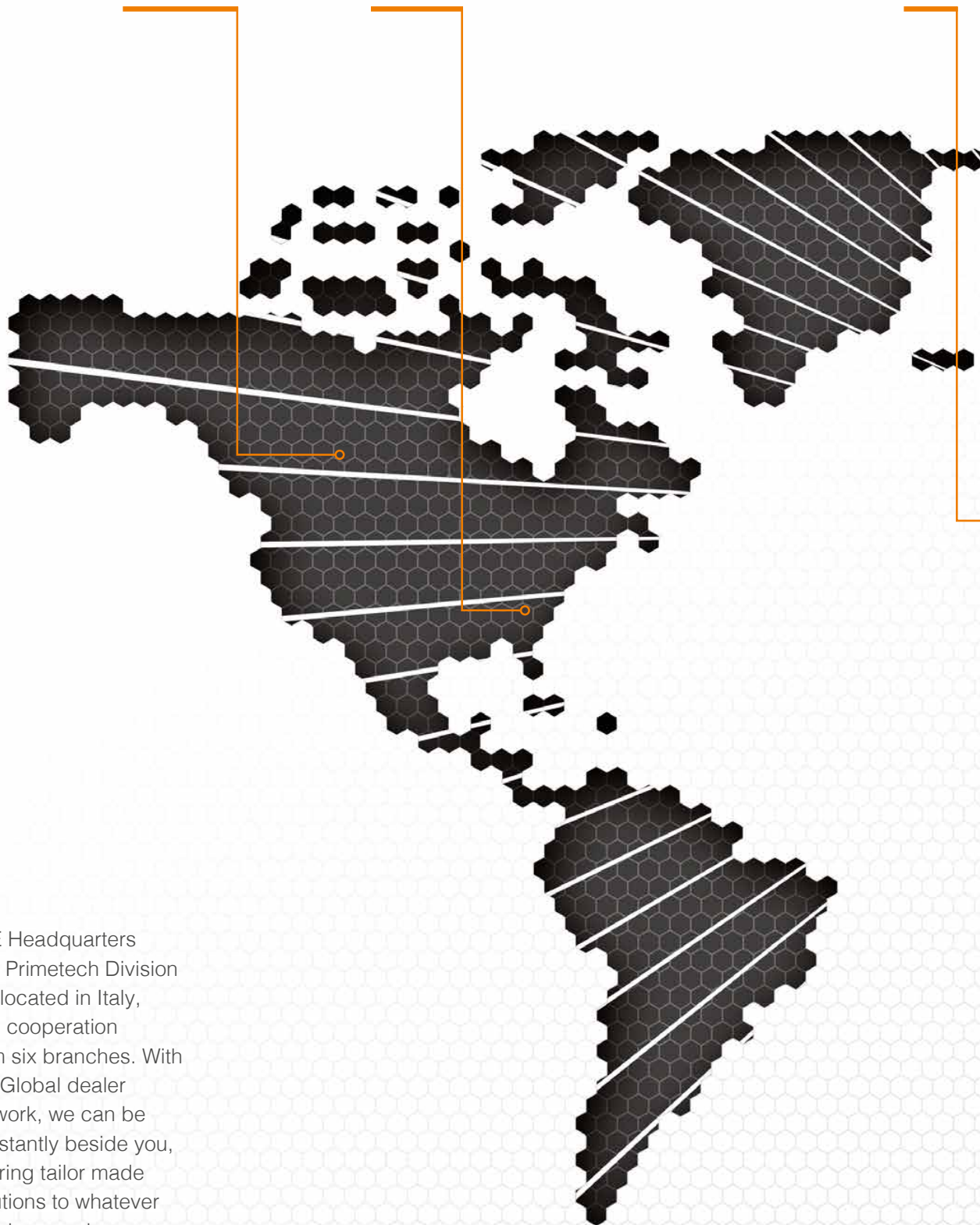
↑ Forged and hardened interchangeable counterblades.

OUR WORLDWIDE BRANCHES

**PRIMETECH
SHREDDING**
EDMONTON

FAE USA
ATLANTA

FAE FRANCE
LYON



FAE Headquarters and Primetech Division are located in Italy, with cooperation from six branches. With our Global dealer network, we can be constantly beside you, offering tailor made solutions to whatever problem you have.

**FAE CENTRAL
EAST EUROPE
BERLIN**

**FAE GROUP ITALY
FONDO-VIPITENO**
**PRIMETECH ITALY
SARNONICO**

**FAE RUSSIA
MOSCOW**

**FAE AUSTRALIA
PACIFIC
MELBOURNE**































































































The technical data in this catalog may be altered without prior notice.
The information and images in this document are not binding.
The weight is approximate and refers to machine without options.
The data in this catalog must be confirmed by the sales department.
Photographs may include accessories and equipment not supplied as standard.
FAE Group S.p.A. reserves the right to make changes at any time, without prior warning.



IMPOSSIBLE TO
QUANTIFY,
**OUR KNOWLEDGE
CONTINUES TO
EVOLVE**

PMM/SSL	Hammer PMM (standard) 	Blade Y/3 (option) 					
DML/SSL - DML/SSL/VT	Blade E (standard) 	Blade E/HD (option) 					
UML/SSL - UML/SSL/VT	C/3 (standard) 	C/3/HD (option) 	Blade C/3 (option) 	K/3 (option) 	I (option) 	C/3/SS (side scraper) 	
PML/EX - PMM/HY PML/HY	Hammer PML (standard) 	Blade Y/2 (option) 					
UML/HY/RW	C/3 (standard) 	C/3/HD (option) 	Blade C/3 (option) 	K/3 (option) 	I (option) 	C/3/SS (side scraper) 	
PMM/EX	Hammer PMM (standard) 	Blade Y/3 (option) 					
BL1/EX	Blade E (standard) 	Blade E/HD (option) 					
DML/HY - DML/HY/VT	Blade E (standard) 	Blade E/HD (option) 					
BL2/EX	Blade E (standard) 	Blade E/HD (option) 					
UML/HY - UML/HY/VT	C/3 (standard) 	C/3/HD (option) 	Blade C/3 (option) 	K/3 (option) 	I (option) 	C/3/SS (side scraper) 	
FML/EX - FML/HY FML/HY/RW	Hammer FMM (standard) (FML/EX) 	Hammer FML (standard) (FML/HY) 	Hammer FML (standard) (FML/HY/RW) 				
UMM/EX - UMM/EX/VT UML/S/EX/VT UML/EX - UML/EX/VT	C/3 (standard) 	C/3/HD (option) 	Blade C/3 (option) 	K/3 (option) 	I (option) 	C/3/SS (side scraper) 	
SCL/HY	L1 (standard) 	L2 (standard) 					
SCL/EX/VT	L1 (standard) 	L2 (standard) 	L3 (standard) 	L4 (standard) 			
SCM/EX/VT	M1 (standard) 	M2 (standard) 	M3 (standard) 	M4 (standard) 			
140U	C/3 (standard) 	C/3/HD (option) 	STCL/3 (option) 	I (option) 	C/3/SS (side scraper) 		
200U	C/3 (standard) 	C/3/HD (option) 	STCL/3 (option) 	C/3/SS (side scraper) 			
300U	B/3 (standard) 	C/3 (standard) 	B/3/HD (option) 	C/3/HD (option) 	C/3/SS (side scraper) 	C/SS (side scraper) 	
500U	A/3 (standard) 	C/3 (standard) 	A/3/HD (option) 	C/3/HD (option) 	C/3/SS (side scraper) 	MH (side scraper) 	
200S	B/3 (standard) 	G/3 (option) 	C/SS (side scraper) 				
300S	A/3 (standard) 	A/3/HD (option) 	MH (side scraper) 				
500S	B/3 (standard) 	G/3 (option) 	STC/3/FP (side scraper) 	STC/FP (side scraper) 			
SFM/PM	F/3 (standard) 	STC/3/FP (side scraper) 					
SFH/PM	G/3 (standard) 	STC/FP (side scraper) 					
300SC - 500SC	M1 (standard) 	M2 (standard) 	M3 (standard) 	M4 (standard) 			

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