

LAND CLEARING

HYDRAULIC DRIVEN HEADS





005 – **THE COMPANY**

006 – **LAND CLEARING
HYDRAULIC DRIVEN
HEADS**

008 – **MULCHERS
FOR SKID STEERS**

010 DML/SSL - DML/SSL/VT

011 PMM/SSL

012 UML/SSL - UML/SSL/VT

014 – **EXCAVATOR MULCHERS**

016 PML/HY

018 PMM/HY

018 PML/EX

019 UML/HY/RW - FML/HY/RW

020 PMM/EX

022 DML/HY - DML/HY/VT

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

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

028 UML/S/EX/VT

030 UMM/EX - UMM/EX/VT

032 – **EXCAVATOR
STUMP CUTTERS**

034 SCL/EX/VT

036 SCM/EX/VT

038 – **MULCHERS FOR
SPECIAL BUILT CARRIERS**

040 140U ST

041 200U

042 300U

043 500U

044 – **TILLERS FOR SPECIAL
BUILT CARRIERS**

046 200S

047 300S

048 500S

050 – **MULTITASK
FOR SPECIAL
BUILT CARRIERS**

052 SFM/PM

053 SFH/PM

054 – **STUMP CUTTERS FOR
SPECIAL BUILT CARRIERS**

056 300SC

057 500SC

058 – **STONE CRUSHERS FOR
SPECIAL BUILT CARRIERS**

060 500RC

062 – **RIGHT TO THE HEART
OF THE POWER**

064 – **DETAILS MAKE
THE DIFFERENCE**

066 – **OUR WORLDWIDE
BRANCHES**

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.



DML/SSL - DML/SSL/VT

Forestry mulcher with fixed blade rotor for skid steers.

p. 010

Min

Max



PMM/SSL

Brush mulcher with hammer/flail rotor for skid steer.

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

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.



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

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

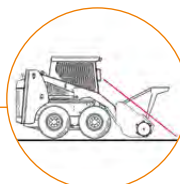
Diverter valve

Oil cooler kit

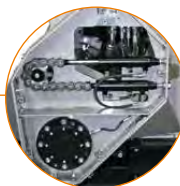
Multiple tooth options

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



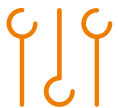
Poly-Chain® Carbon transmission belts
for solid power conversion and maximum productivity

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

Oil cooler kit
for working in hot climates



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



UML/HY/RW - FML/HY/RW

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

p. 019

Min

Max



PMM/EX

Mulcher with hammer/flail rotor for excavator.

p. 020

Min

Max



DML/HY - DML/HY/VT

Forestry mulcher with fixed blade rotor for excavators.

p. 022

Min

Max



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

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

p. 024

Min

Max



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

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

p. 026

Min

Max



UML/S/EX/VT

Forestry mulcher with fixed tooth rotor for excavators.

p. 028

Min

Max



UMM/EX - UMM/EX/VT

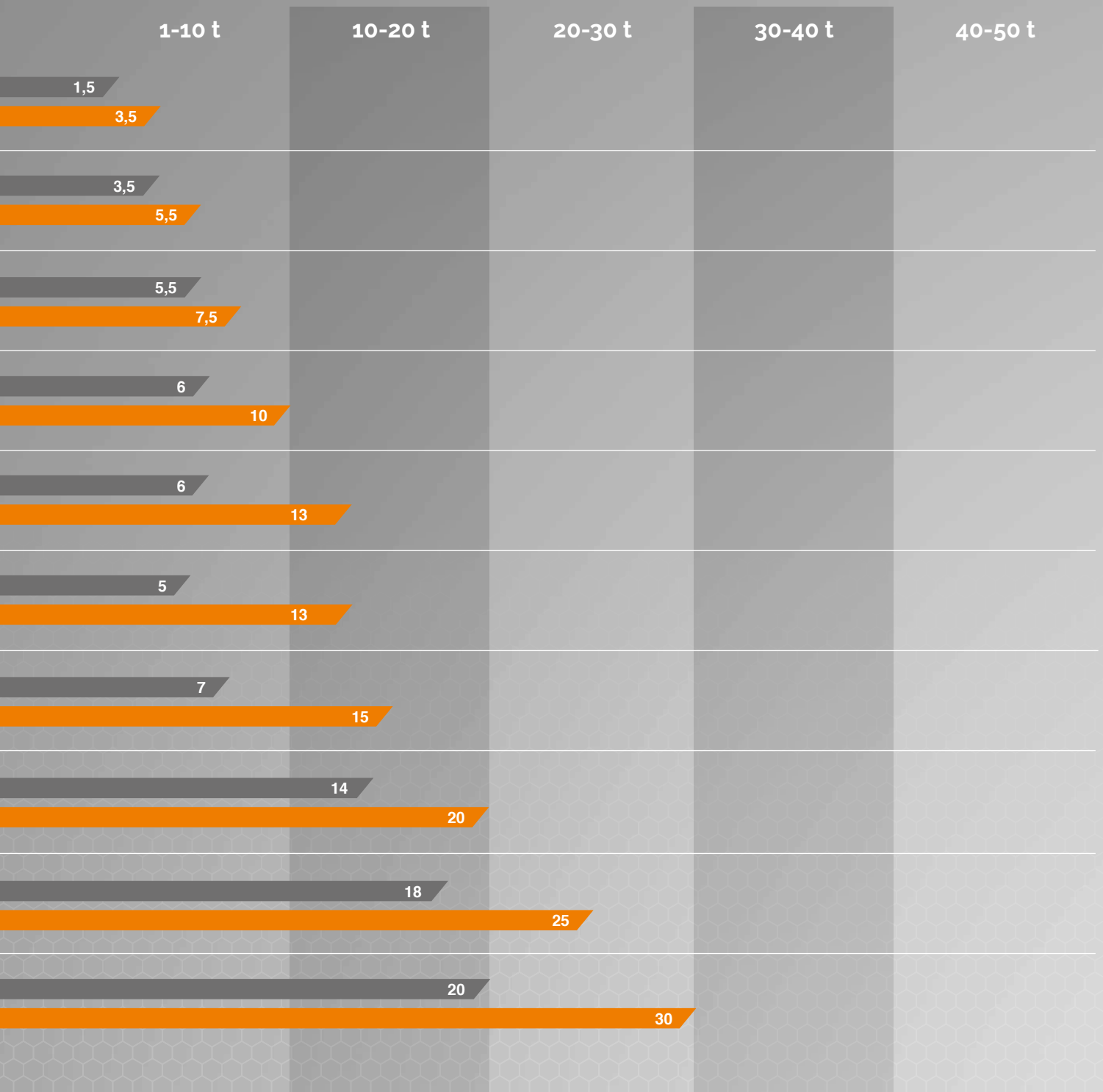
Forestry mulcher with fixed tooth rotor for excavators.

p. 030

Min

Max

EFFICIENCY ALL THE WAY



EXCAVATOR MULCHERS

PML/HY



from 16 to 40 L/min



Ø 4 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.

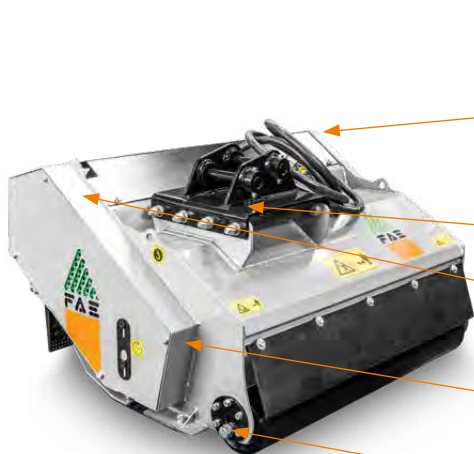


STANDARD EQUIPMENT

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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from 35 to 87 L/min



Ø5 cm max



from 3,5 to 5,5 t

MULCHER WITH HAMMER/FLAIL ROTOR FOR EXCAVATORS.

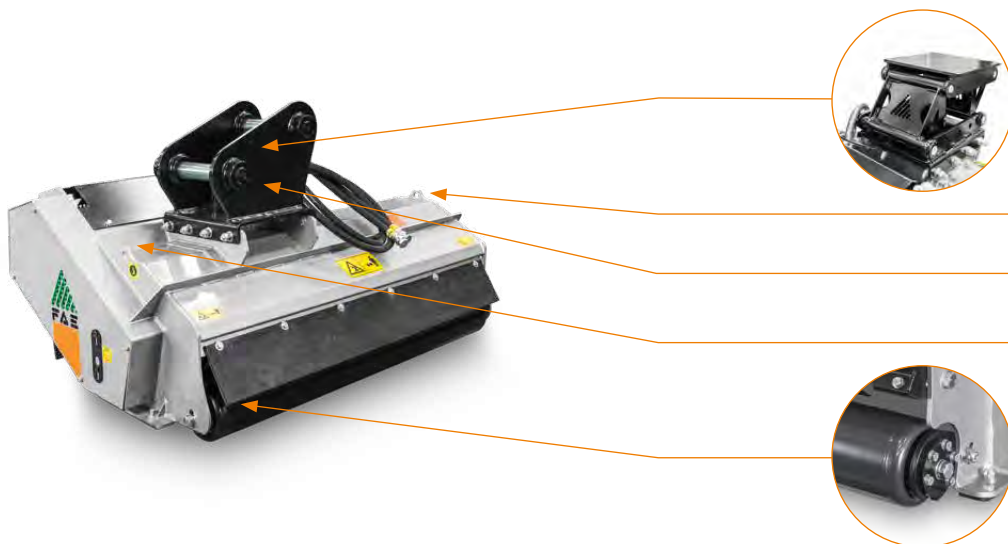
Thanks to its compact dimensions and versatility, the PMM/HY is the most requested model for grass and brush mulching in FAE's small mulcher lineup.

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.

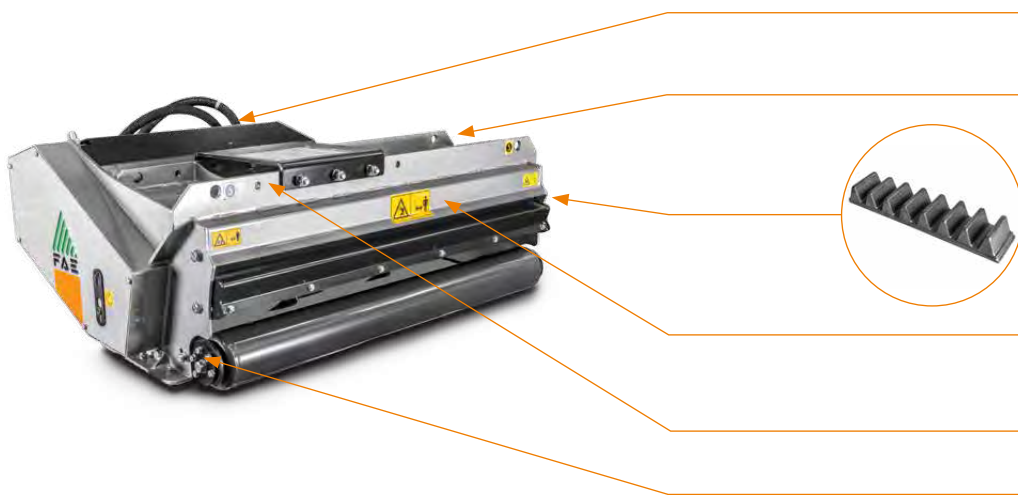


STANDARD EQUIPMENT

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

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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

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EXCAVATOR MULCHERS

PMM/EX



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

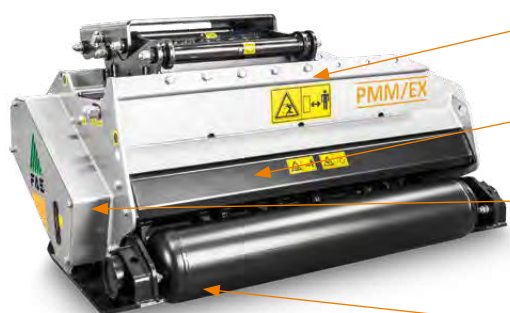
OPTIONS

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	flails
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.

EVERY DETAIL DESIGNED
WITH CARE



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.

EXCAVATOR MULCHERS

UML/HY - FML/HY



from 70 to 160 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) - (70 - 160 L/min)
80/50cc variable torque hydraulic piston motor (UML/HY/VT) - (100 - 160 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

Motore idraulico a pistoni a portata variabile da 32 a 65 cc con valvola di massima e anticavitazionale integrata.
(UML/HY)

Motore idraulico a pistoni cilindrata variabile 80/50 cc.
(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	70	160	180	250	7	15	1100	870	150	20+2	28+2	-
UML/HY 125	70	160	180	250	7	15	1340	970	150	26+2	36+2	-
UML/HY 150	70	160	180	250	7	15	1580	1070	150	32+2	42+2	-
UML/HY/VT 100*	100	160	180	350	7	15	1100	870	150	20+2	28+2	-
UML/HY/VT 125*	100	160	180	350	7	15	1340	970	150	26+2	36+2	-
UML/HY/VT 150*	100	160	180	350	7	15	1580	1070	150	32+2	42+2	-
FML/HY 100	70	160	180	250	7	15	1100	830	150	-	-	16
FML/HY 125	70	160	180	250	7	15	1340	930	150	-	-	20
FML/HY 150	70	160	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

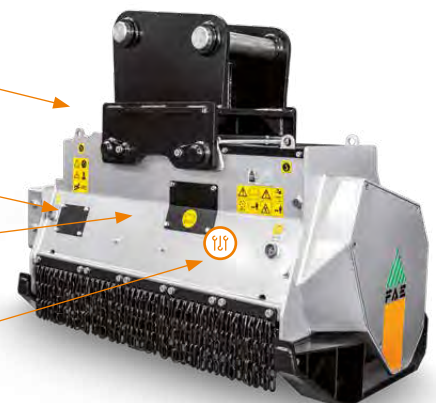
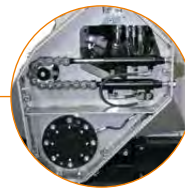
VT variable torque motor to increase performance and reduce operating costs

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



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.

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
Additional reinforced side plates
Customized attachment bracket
Customized attachment bracket with fixed thumb
Multiple tooth options
With rotor Bite Limiter

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





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

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



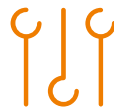
1 Customized attachment bracket



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 STUMP CUTTER

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



SCL/EX/VT

Disc stump cutter for excavators.

p. 034

Min

Max



SCM/EX/VT

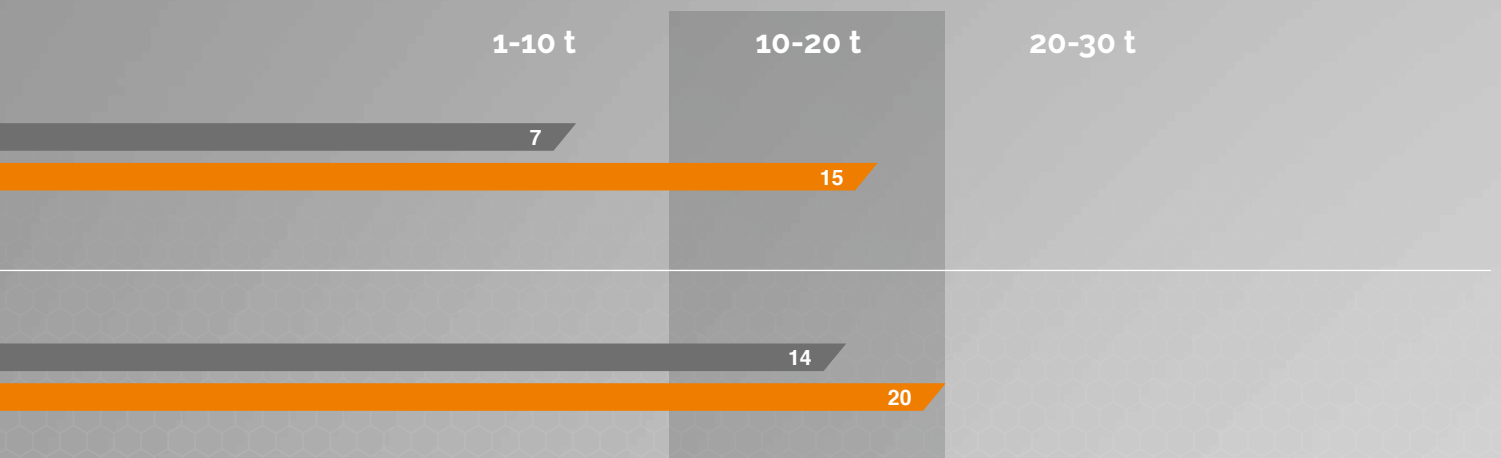
Disc stump cutter for excavators.

p. 036

Min

Max

IT REACHES AND OVERCOMES OBSTACLES



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.

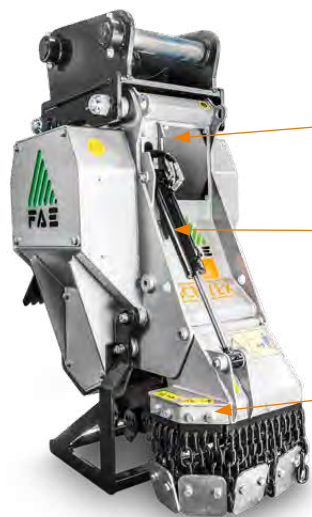
STANDARD EQUIPMENT

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

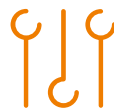




MAIN OPTIONS



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 ST

Universal hydraulic mulcher for track and rubber tired carriers.

p. 040

Min

Max



200U

Universal hydraulic mulcher for track and rubber tired carriers.

p. 041

Min

Max



300U

Universal hydraulic mulcher for track and rubber tired carriers.

p. 042

Min

Max



500U

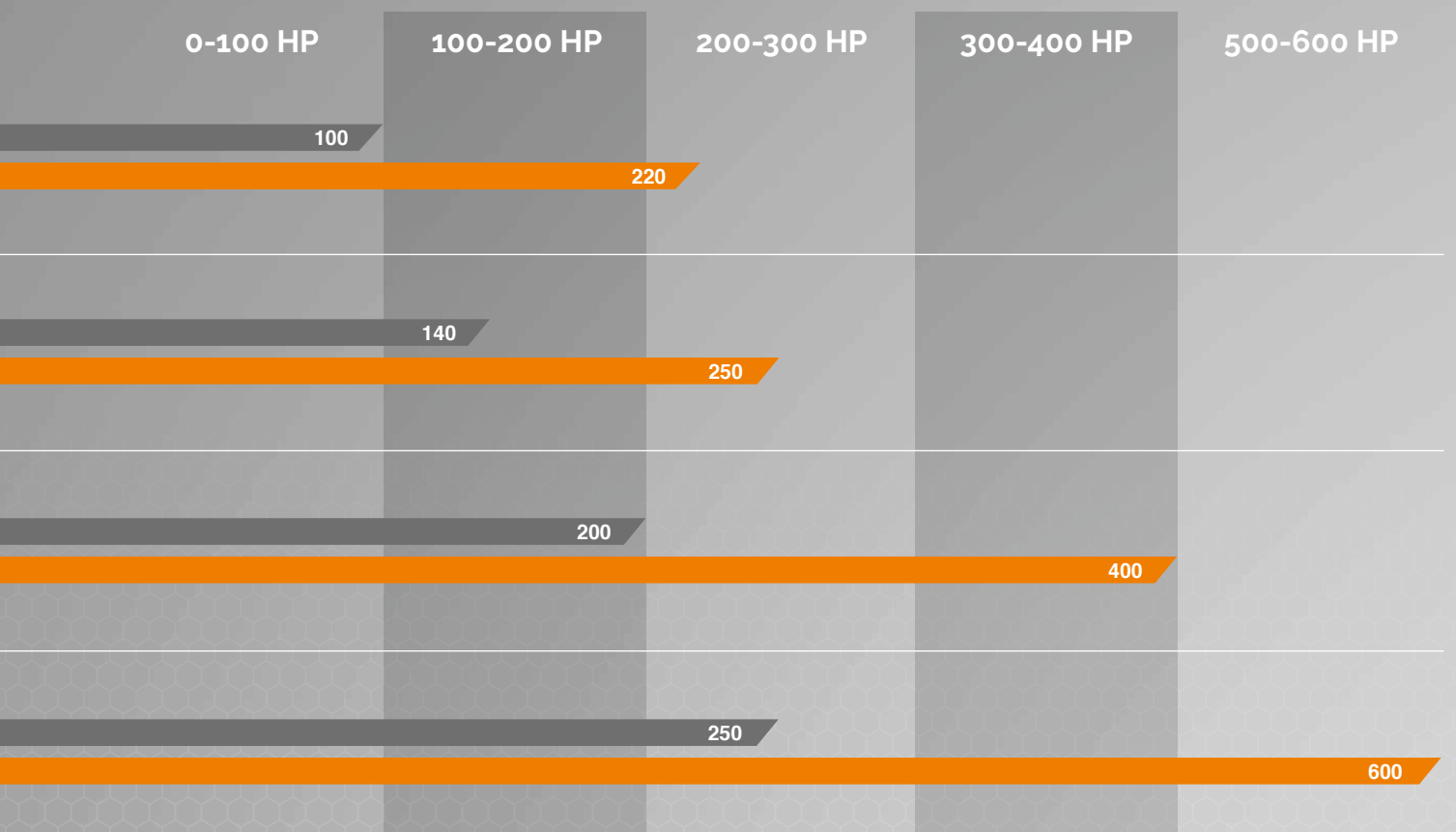
Universal hydraulic mulcher for track and rubber tired carriers.

p. 043

Min

Max

DESIGNED AND BUILT FOR YOU



MULCHERS FOR SPECIAL BUILT CARRIERS

140U ST



from 100 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 ST 140	100	220	200	260	250	420	1340	1620	1660	250	28+4
140/U ST 150	100	220	200	260	250	420	1580	1860	1760	250	32+4
140/U ST 175	100	220	200	260	250	420	1470	1750	1880	250	38+4
140/U ST 200	100	220	200	260	250	420	2060	2420	2000	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 140 to 250 HP



Ø 35 cm max

UNIVERSAL MULCHER FOR HYDRAULIC CARRIERS.

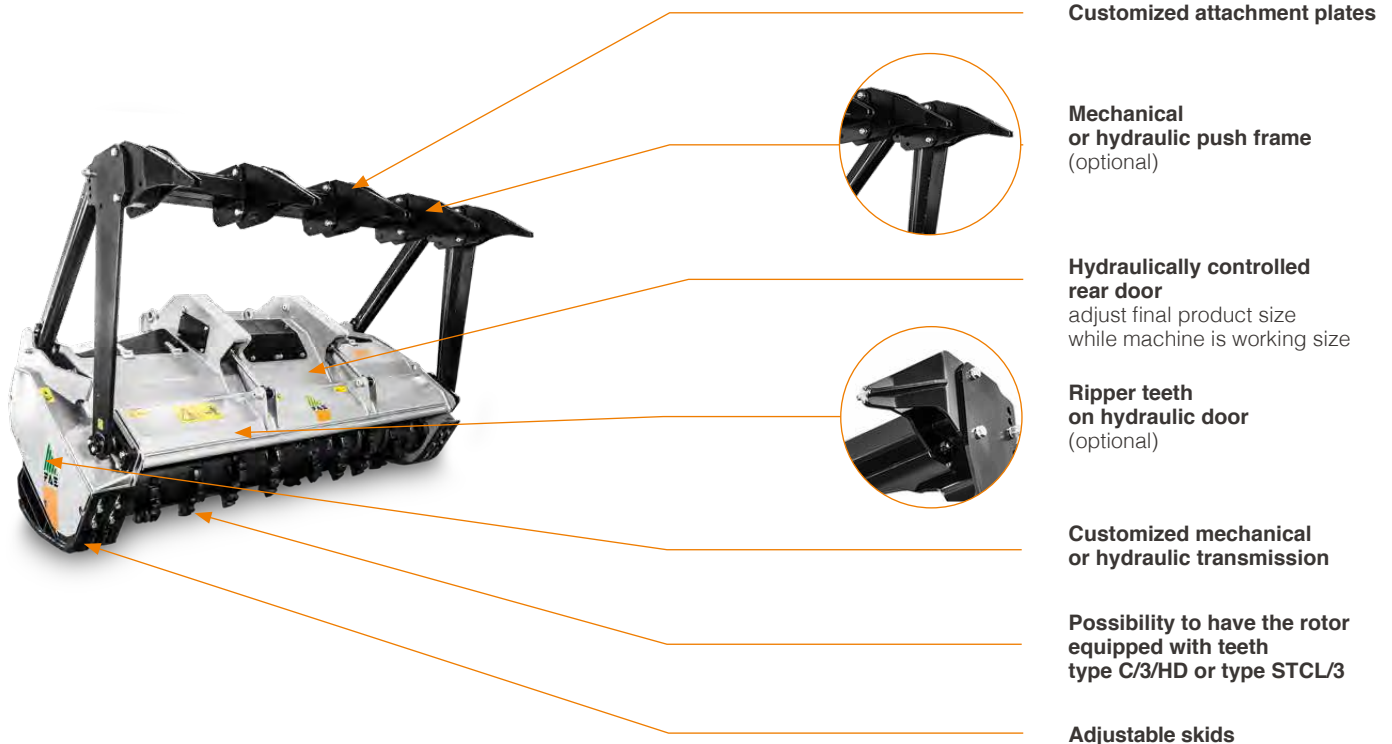
This forestry mulcher combines flexibility and maneuverability in a compact size. The 200U is designed for reclamation of forest terrain and offers high productivity for all mulching operations including bushes, crop residues and trees with a diameter of 35 cm or less.

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



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	140	250	285	380	250	350	2060	2410	1970	350	42+2
200/U - 225	140	250	285	380	250	350	2300	2650	2120	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 200 to 400 HP



Ø40 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	200	400	380	570	250	350	2060	2420	2580	2890	400	72+2	44+2
300/U - 225	200	400	380	570	250	350	2300	2660	2670	2970	400	80+2	50+2
300/U - 250	200	400	380	570	250	350	2540	2900	2760	3080	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. 046

Min

Max



300S

Hydraulic forestry tiller for special built tracked carriers.

p. 047

Min

Max



500S

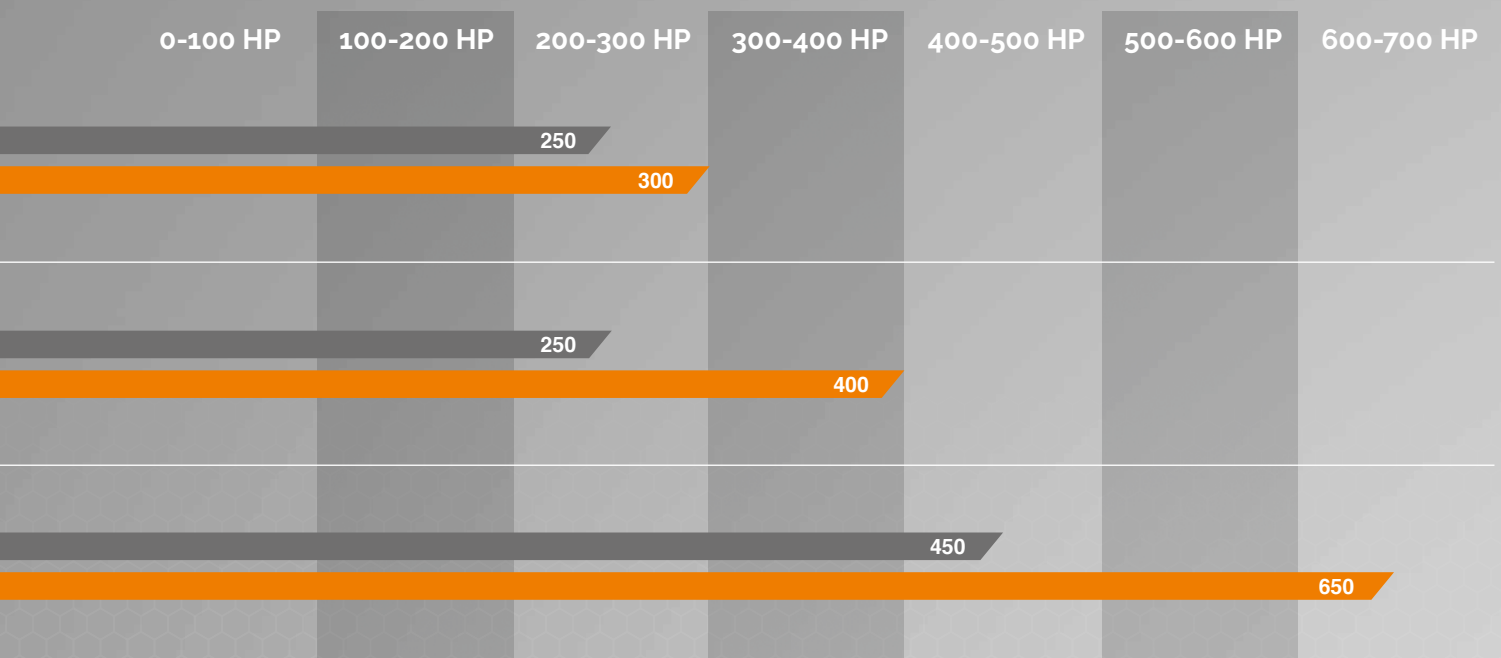
Hydraulic forestry tiller for special built tracked carriers.

p. 048

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.

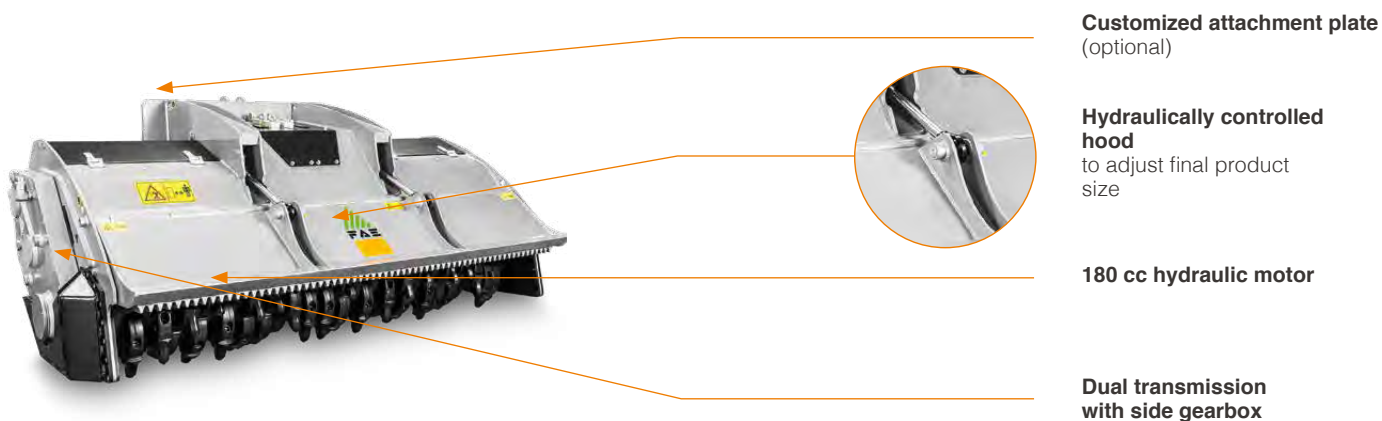
The optimum weight and various available widths , the 200S can adapt to a wide range of machines, and is the ideal solution for many applications.

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.

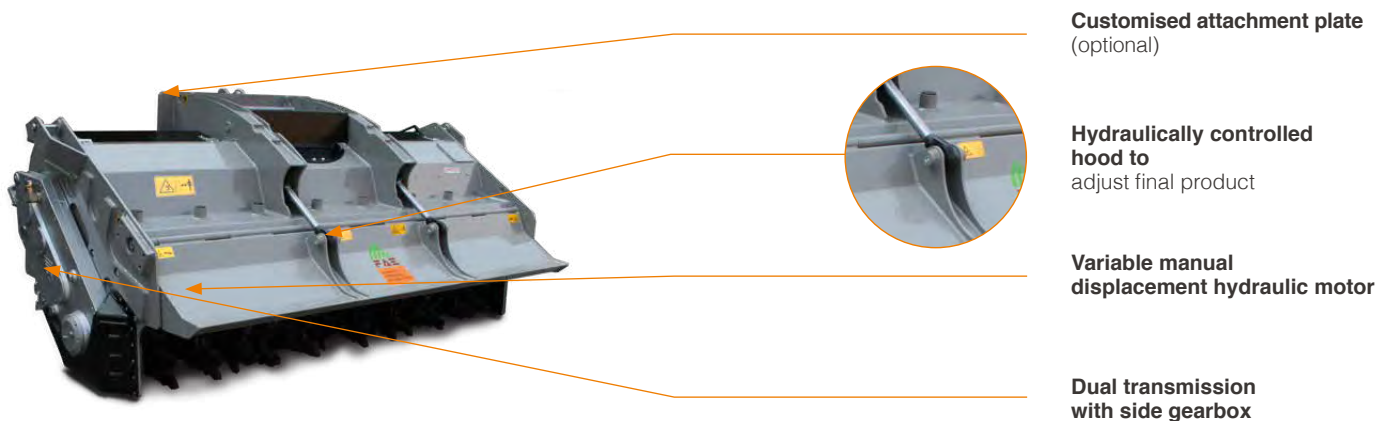
This ensures higher productivity and allows large areas to be reclaimed while still maintaining a well masticated final product.

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



Variable manual displacement hydraulic motor



Hydraulically controlled hood to adjust final product



Dual transmission with side gearbox
reduces the speed of the rotor thereby reducing tool wear

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. 052

Min

Max



SFH/PM

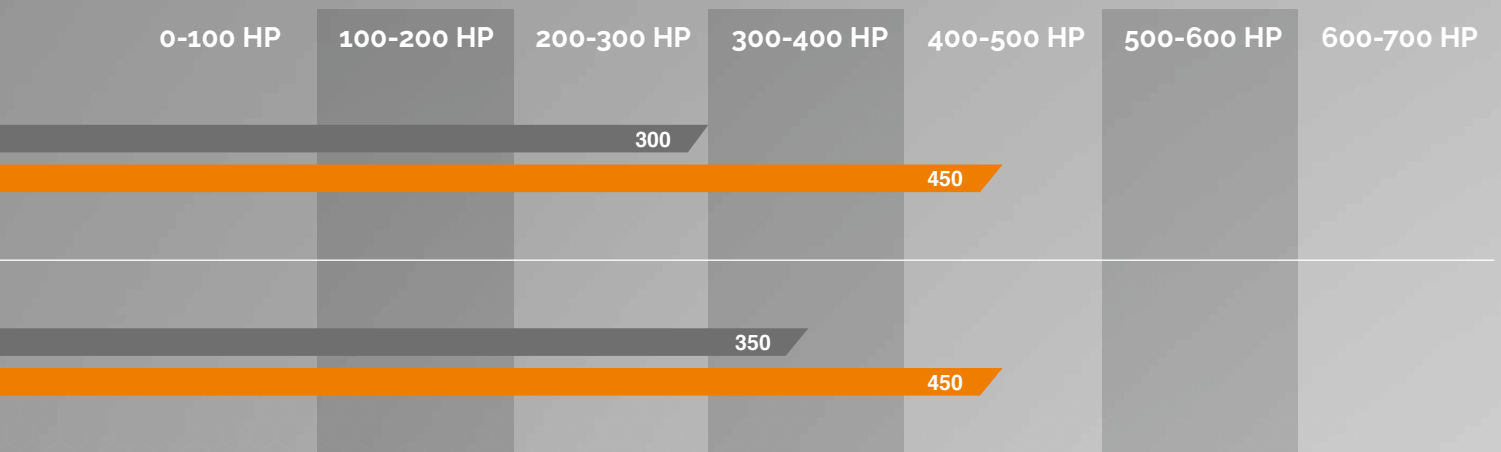
Stone crushers, forestry tillers and forestry mulchers for special built tracked carriers.

p. 053

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

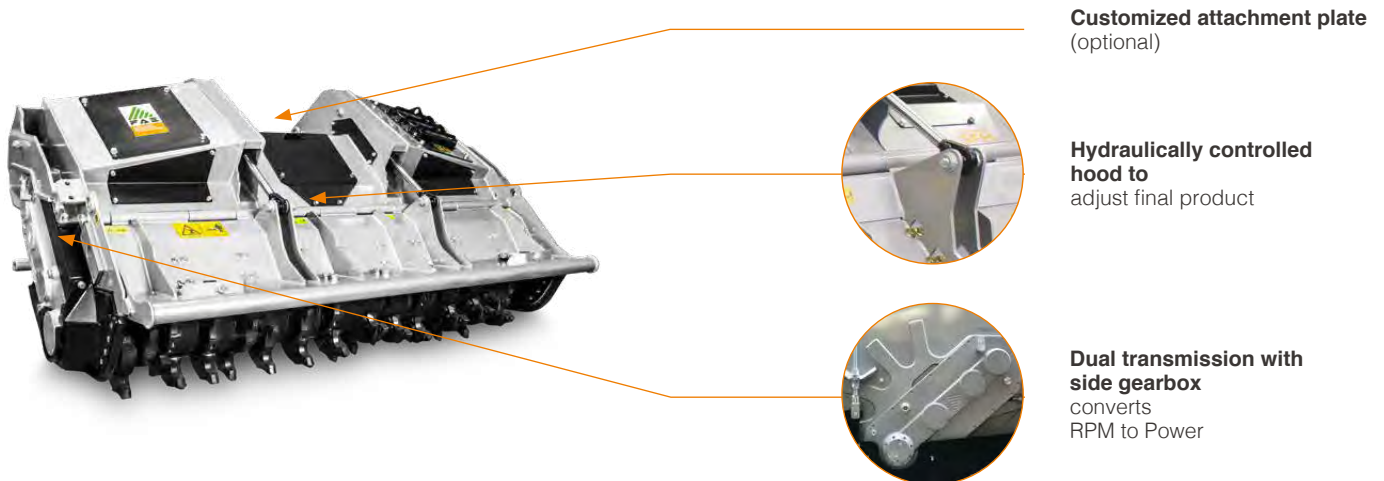
STONE CRUSHERS, FORESTRY TILLERS AND FORESTRY MULCHERS FOR HYDRAULIC CARRIERS.

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

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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. 056

Min

Max



500SC

Stump cutter for special built carriers.

p. 057

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



Hydraulic motor with relief valve



Larger cylinders
for shifting sideways

Single belt transmission

Bolt-on chains/protection plates
deflects debris

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

NEW

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



Hydraulic motor with relief valve

Larger cylinders
for shifting sideways

Single belt transmission

Bolt-on chains/protection plates
deflects debris

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.

STONE CRUSHERS FOR SPECIAL BUILT CARRIERS

Our stone crushers are created for special built carriers and are customizable to the specific application of the customer. Solid and durable over long periods of time, they grind rocks and crush stones for reclamation operations or road maintenance.



500RC

Hydraulic stone crusher for special built carriers.

p. 060

Min

Max

WHEN VERSATILITY MEETS DURABILITY

0-100 HP

100-200 HP

200-300 HP

300-400 HP

400-500 HP

250

400

STONE CRUSHERS FOR SPECIAL BUILT CARRIERS

500RC



from 250 to 400 HP



Ø50 cm max



D40 cm

HYDRAULIC STONE CRUSHER FOR SPECIAL BUILT CARRIERS.

The 500RC is the ideal solution for the building and maintenance of unpaved and mountain roads or for the reclamation of agricultural land.

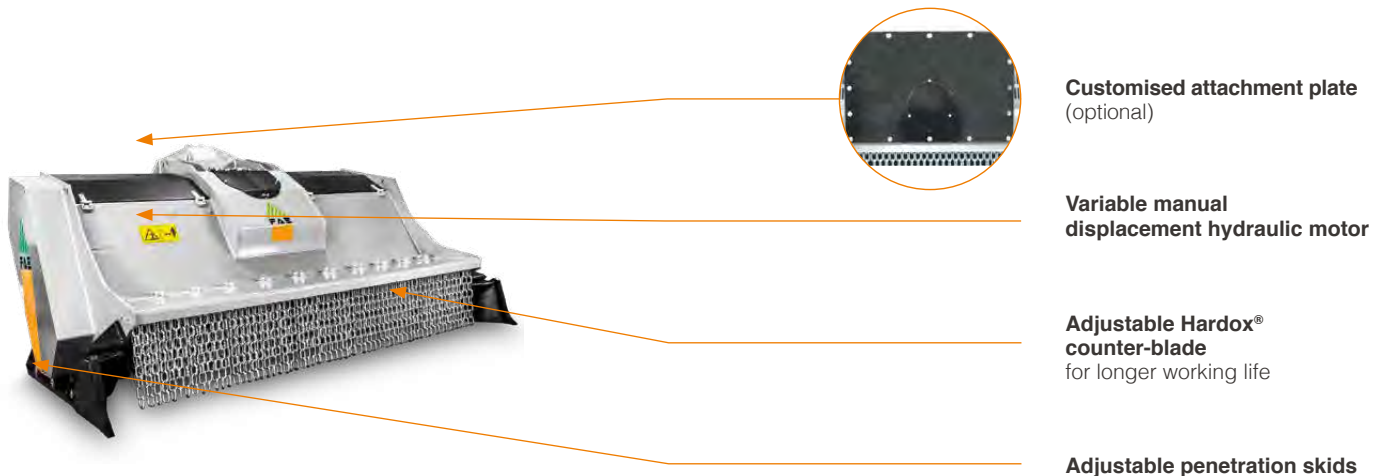
The 500RC stone crusher is designed and built for the most demanding applications, capable of grinding stones up to 50 cm diameter and operating at a depth of 40 cm.

It provides a large amount of coverage thanks to a working width of up to 2,5 m.



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 STC/3+ STC/3/HD
	min	max	min	max	min	max						
500/RC - 225	250	400	500		380		2320	2790	4400	400	500	58+4
500/RC - 250	280	400	500		380		2560	3030	4700	400	500	66+4

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.



SWINGING HAMMER ROTOR

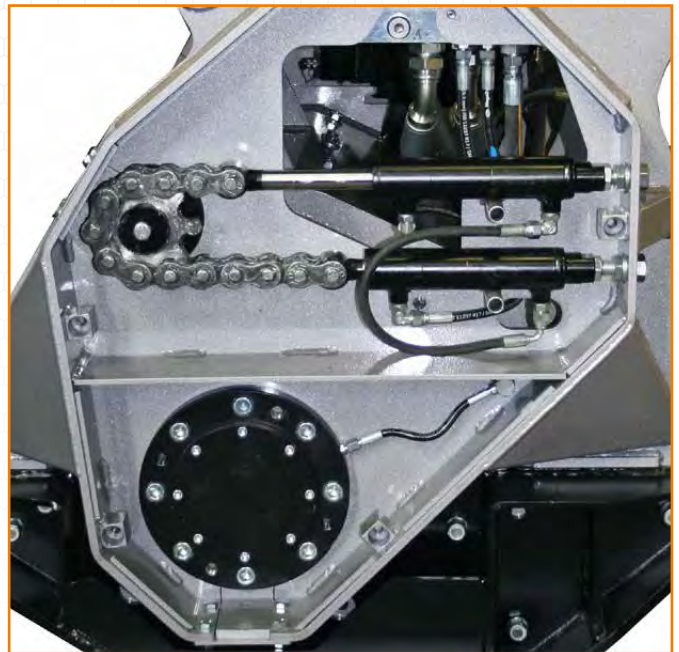
Ideal for applications with high presence of rocks.
THIS ROTOR CAN BE FITTED WITH FMM teeth.

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.



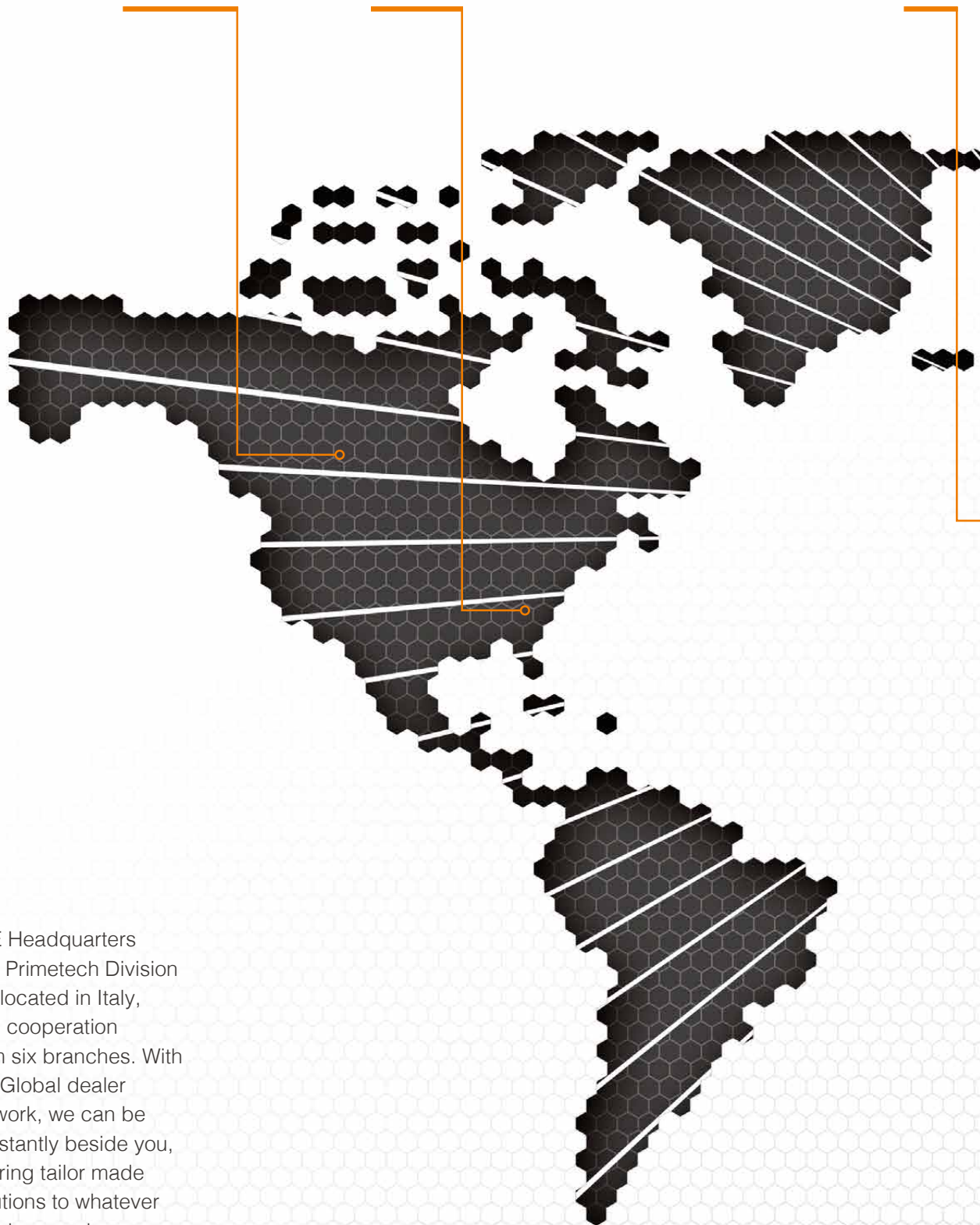
↑ Forged and hardened interchangeable counterblades.

OUR WORLDWIDE BRANCHES

**PRIMETECH
SHREDDING**
EDMONTON

FAE USA
ATLANTA

FAE FRANCE
LYON



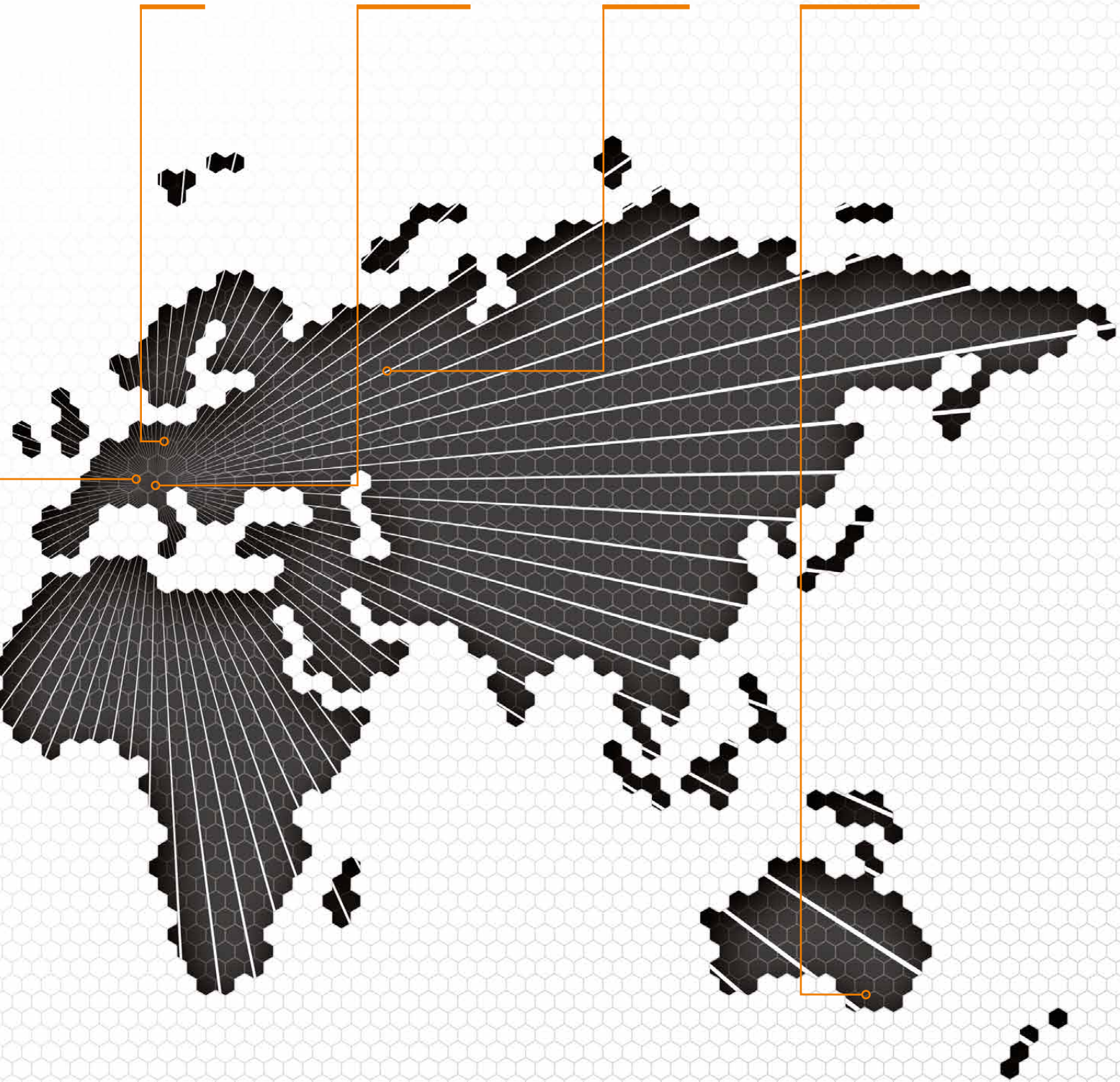
FAE Headquarters and Primetech Division are located in Italy, with cooperation from six branches. With our Global dealer network, we can be constantly beside you, offering tailor made solutions to whatever problem you have.

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UNBEATABLE DESIGN **FOR OUTSTANDING PERFORMANCES**



LAND CLEARING





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

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



/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



/Hammer FML



/Hammer FMM



/M1



/M2



/M3































































































/M4



/R65



/R/HD 65

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 (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 (option) 	I (option) 	C/3/SS (side scraper) 	
PMM/EX	Hammer PMM (standard) 	Blade Y/3 (option) 					
DML/HY - DML/HY/VT	Blade E (standard) 	Blade E/HD (option) 					
UML/HY - UML/HY/VT	C/3 (standard) 	C/3/HD (option) 	Blade C/3 (option) 	K (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 (option) 	I (option) 	C/3/SS (side scraper) 	
SCL/EX/VT	L1 (standard) 	L2 (standard) 	L3 (standard) 	L4 (standard) 			
SCM/EX/VT	M1 (standard) 	M2 (standard) 	M3 (standard) 	M4 (standard) 			
140U ST	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	M1 (standard) 	M2 (standard) 	M3 (standard) 	M4 (standard) 			
500SC	M1 (standard) 	M2 (standard) 	M3 (standard) 	M4 (standard) 			
500RC	STC/3 (standard) 	STC/3/HD (standard) 	STC/3/FP (standard) 	STC/3/HD (side scraper) 			

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