

LAND CLEARING

# HYDRAULIC DRIVEN HEADS





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SUPPORTING YOUR  
WORK **SINCE 1989**





# COMPANY

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We've been working with you, sharing your efforts, your passion and your values for 25 years. This is why, today, FAE GROUP is a leading force in the design and construction of superior quality machinery for the Construction and Land Clearing sectors.

We are both proud and satisfied with the results achieved together, since 1989: constant technological innovation, excellent quality, reliable products, capillary expansion of our sales and distribution network, and an ultra-efficient assistance service. The aim was and remains the same: to guarantee your complete satisfaction.



## INNOVATION SERVING YOUR PERFORMANCE

We provide technical and construction solutions with the highest innovative content, the result of our continuous research and development activities, and the work of a strong team of highly qualified engineers and designers



## PASSION FOR THE QUALITY OF YOUR JOB

Cutting-edge production technology, highly specialized technical personnel, strict quality controls and a constant commitment to improvement are what guarantees hard-wearing, top-performance machinery, built to stand the test of time.



## FLEXIBILITY AND DYNAMISM TO BRING YOU THE BEST

Our young, dynamic and flexible team, together with a highly experienced, efficient sales division, can guarantee global assistance, guiding you in choice of the best possible solution to fit your needs, and all with excellent delivery times.



## NEW HORIZONS, BRINGING US CLOSER

With branches in every continent and a well-structured capillary sales network, we are able to serve a widespread market and different needs.



# LAND CLEARING HYDRAULIC DRIVEN HEADS

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When road work requires the use of special machines, excavators or skid steers, the solutions to opt for are tillers, mulchers, stump cutters and rock crushers that utilise the Hydraulic system of the machine to which they are attached for rotor movement. Choosing an appropriate model from the FAE range, taking into consideration the power of the machine, terrain type and requested result, guarantees the quality of the work even in particularly difficult conditions. Our forestry machines, always manufactured with top quality materials, are known for their robustness and reliability over time.



## **EFFICIENCY**

The quality of the work is guaranteed even under conditions of terrain or environment that are particularly critical.



## **SOLIDITY**

The quality of the materials and the technological development guarantee maximum reliability and robustness over time.



## **SAFETY**

A wide range of machines to choose from on the basis of the power of the machine to which they are attached, type of terrain and required result.

RESEARCHED, DESIGNED  
**AND CREATED FOR YOU**



# MULCHERS FOR SKID STEERS

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Our professional hydraulic transmission mulchers for skid steers can be utilised for environmental maintenance, cleaning up of bushes, underbrush, branches, shrubs and stumps along the banks of rivers, canals, gas ducts, embankments, railway lines, etc.



## UML/SSL - UML/SSL/VT

Forestry mulcher with fixed tooth rotor for skid steers.

p. 010

Min

Max



## DML/SSL/VT

Forestry mulcher with fixed tooth rotor for skid steers.

p. 012

Min

Max



## PMM/SSL

Brush mulcher with hammer/flail rotor for skid steers.

p. 013

Min

Max

# MULTIPURPOSE USE FOR **EXCELLENT RESULTS**



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.

It is the new version of one of the most successful models of the FAE range.

Particularly robust and compact, the UML/SSL is renowned for its ergonomic design that guarantees excellent visibility for the operator during various operating situations. Thanks to the “diverter valve” kit (optional), it can be utilised 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 consumption.

### STANDARD EQUIPMENT

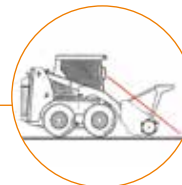
Anti dust machine body
Belt transmission
Hydraulic piston motor 63cc with relief and anticavitation valve (UML/SSL)
110/60cc variable torque hydraulic piston motor (UML/SSL/VT)
Hydraulic hoses
Hydraulic rear hood
Adjustable skids
Welded counter blade
Working pressure control gauge

Pushing frame
Double line protection chains
Anti-dust rear hood
Motor integrated into the frame

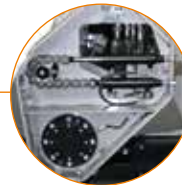
### OPTIONS

Customized setting hydraulic motor (UML/SSL/VT)
Diverter valve (plug & play)
Oil cooler kit
Different teeth

## FEATURES



**Low profile frame design**  
for excellent visibility of the work area



**Anti-dust rear hood**  
revolutionary system of hood opening/closing that prevents dirt from entering into the frame of the machine

**Reinforced sides**  
to resist the axial load of the tracks

**Heavy duty adjustable skids**

**More protruding rotor**  
that increases the quantity of material processed thereby avoiding the dragging of material

**Working pressure control gauge**



**Poly-Chain® Carbon transmission with belts**  
for good adherence and maximum productivity

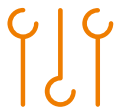
**Double line protection chains**  
slow down the material coming out



THIS IS THE STARTING POINT  
FOR ANYONE WHO HAS A SKID STEER



## MAIN OPTIONS



1

### VT motor setting

ad hoc adjustment of the motor to obtain the maximum performance of any Hydraulic system



2

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



3

### Oil cooler kit

utilised in particularly hot climates

MODEL	Power (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

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

## MULCHERS FOR SKID STEERS

# DML/SSL - DML/SSL/VT



from 40 to 90 HP



Ø 12 cm max

## FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR SKID STEERS.

This is the smallest model of the FAE fixed tooth mulchers designed and manufactured to be utilised with skid steers with the power up to 90 HP. The particularly robust construction of the frame makes it a long term investment, whilst the special design of the fixed teeth, usable on both sides, 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

Anti dust machine body

Belt transmission

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

55/38cc variable torque hydraulic piston motor (DML/SSL/VT)

Hydraulic hoses

Hydraulic rear hood

Welded counter blade

Working pressure control gauge

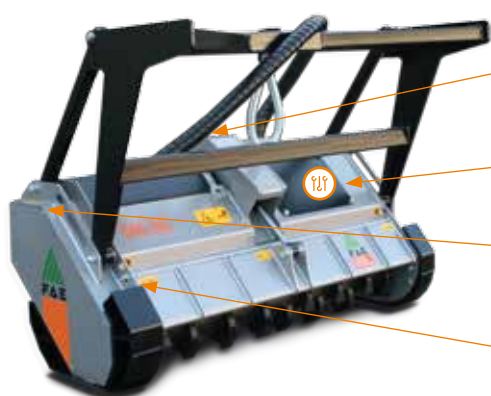
Pushing frame

Diverter valve (plug & play)

Motor integrated into the frame

### OPTIONS

32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (DML/SSL)



**Working pressure control gauge**

### VT motor setting

ad hoc adjustment of the motor to obtain the maximum performance of any Hydraulic system



**Diverter valve to control the cylinders (plug & play)**

and to control the opening and closing of the hydraulic hood

### Steel counter-blades

to obtain mulching that is even more effective

MODEL	Power (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	90	50	130	180	250	1240	1520	685	120	30
DML/SSL 150	40	90	50	130	180	250	1480	1760	785	120	36
DML/SSL 175	40	90	50	130	180	250	1720	2000	885	120	42
DML/SSL/VT 125*	40	90	90	115	180	250	1240	1520	685	120	30
DML/SSL/VT 150*	40	90	90	115	180	250	1480	1760	785	120	36
DML/SSL/VT 175*	40	90	90	115	180	250	1720	1720	885	120	42

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

\*Variable displacement hydraulic motor.

# MULCHERS FOR SKID STEERS

## PMM/SSL



from 60 to 130 HP



Ø8 cm max

### BRUSH MULCHER WITH HAMMER/FLAIL ROTOR FOR SKID STEERS.

Universal mulcher suitable for mulching bramble bushes, plant residues, bushes and grass. Thanks to its “floating system”, the rotor of the mulcher adheres perfectly to the terrain, ensuring a homogeneous mulching of the material.

The support roller, enlarged in comparison to the standard for this category of machines, guarantees the best performance even on particularly damp terrain.

The machine can be equipped with hammers for mulching material up to 80 cm or grass flails to better respond to the various needs of the customer.



#### STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
Quick attachment plate with self levelling 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
Different teeth



MODEL	Power (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	130	60	130	180	250	1540	1760	790	80	18	18
PMM/SSL 175	65	130	60	130	180	250	1780	2000	850	80	22	22
PMM/SSL 200	70	130	60	130	180	250	2020	2180	910	80	24	24

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

# EXCAVATOR MULCHERS

Our professional hydraulic transmission mulchers that can be attached to excavators are perfect for reclamation and maintenance operations also in difficult conditions, thanks to their manageability and ease of use.

Also their solid structure must not be forgotten, designed to last a long time.



## UMM/EX - UMM/EX/VT

Forestry mulcher with fixed tooth rotor for excavators.

p. 016

Min

Max



## UML/S/EX/VT

Forestry mulcher with fixed tooth rotor for excavators.

p. 018

Min

Max



## UML/EX - UML/EX/VT

Forestry mulcher with fixed tooth rotor for excavators.

p. 020

Min

Max



## FML/EX

Forestry mulcher with swinging hammers rotor for excavators.

p. 022

Min

Max



## FML/HY

Forestry mulcher with swinging hammers rotor for excavators.

p. 023

Min

Max



## UML/HY - UML/HY/VT

Forestry mulcher with fixed tooth rotor for excavators.

p. 024

Min

Max



## DML/HY - DML/HY/VT

Forestry mulcher with fixed tooth rotor for excavators.

p. 026

Min

Max



## PMM/EX

Mulcher with hammer/flail rotor for excavators.

p. 028

Min

Max



## UML/HY/RW

Forestry mulcher with fixed tooth rotor for excavators and special machines.

p. 029

Min

Max



## PML/EX

Mulcher with hammer/flail rotor for excavators.

p. 030

Min

Max



## PMM/HY

Mulcher with hammer/flail rotor for excavators.

p. 031

Min

Max



## PML/HY

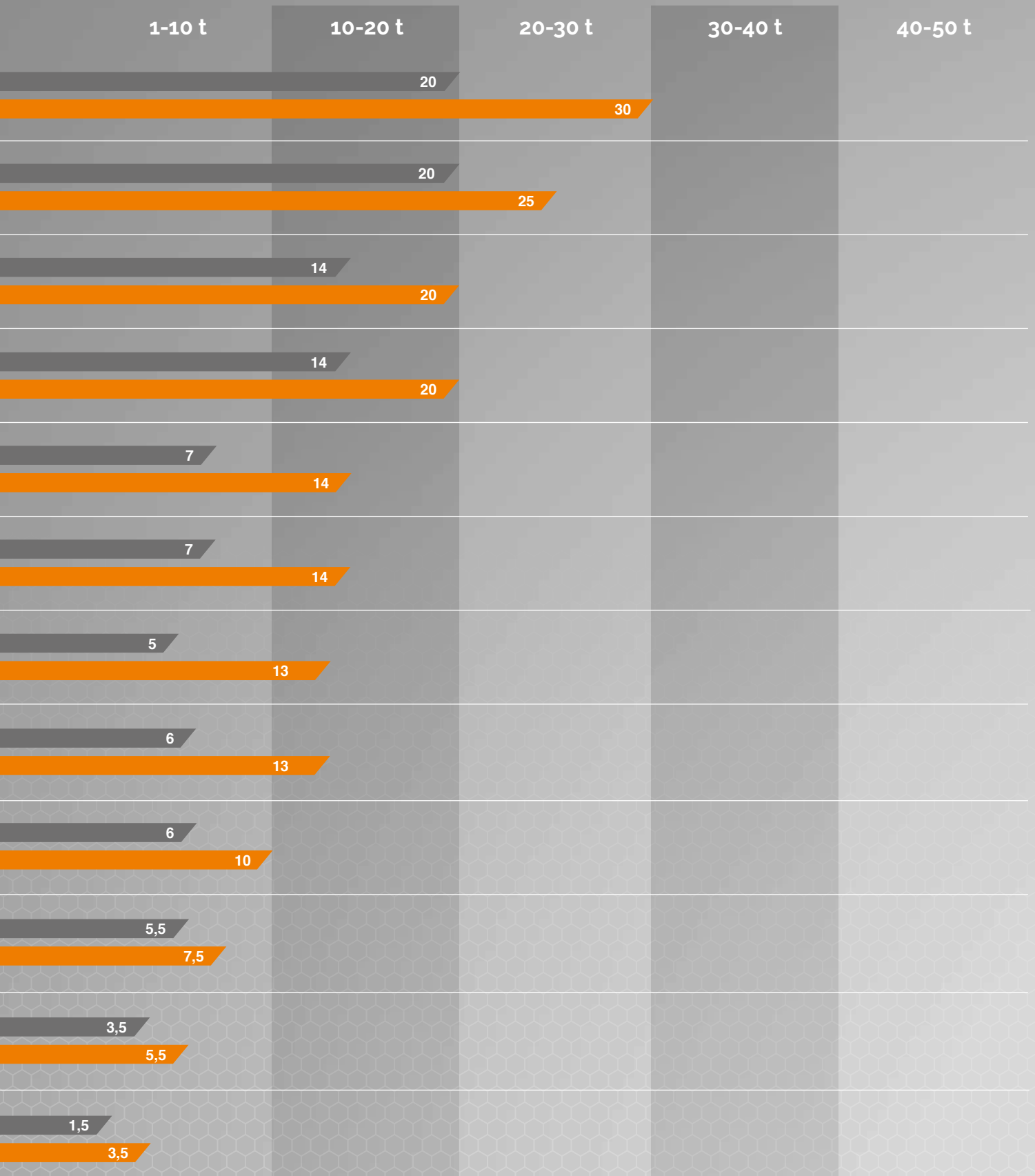
Mulcher with hammer/flail rotor for excavators.

p. 032

Min

Max

# EFFICIENCY ALL THE WAY



## EXCAVATOR MULCHERS

# UMM/EX - UMM/EX/VT



from 120 to 180 HP



Ø 30 cm max



from 20 to 30 t

## FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR EXCAVATORS.

Thanks to its extreme robustness and high productivity, it is the flagship model of the wide FAE excavator mulcher range. The greater dimension of the rotor guarantees the best performance whilst the possibility of choosing between various types of motors and teeth make the UMM/EX an extremely versatile model capable of meeting the requirements of all professionals in the sector.

### STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
Hydraulic piston motor 63cc with relief and anticavitation valve (UMM/EX)
110/60cc variable torque hydraulic piston motor (UMM/EX/VT)
Flow control system valve (flow control)
Hydraulic rear hood
Interchangeable counter blades
Motor integrated into the frame
Screwed protection chains

### OPTIONS

Hydraulic piston motor 90cc with relief and anticavitation valve (UMM/EX)
Diverter valve (plug & play)
Additional reinforced side plates
160/115cc variable torque hydraulic piston motor (UMM/EX/VT)
Customized setting hydraulic motor (UMM/EX/VT)
Customized attachment bracket with pins
Customized attachment bracket with pins and leg
Different teeth

## FEATURES



**Anti dust machine body**



**Forged and hardened interchangeable counter-blades**

for the maximum duration over a period of time

**Motor integrated into the frame**  
and perfectly protected from dirt  
and impact

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



FOR THE MOST DEMANDING PROFESSIONALS  
IN THE MOST EXTREME CONDITIONS



## MAIN OPTIONS



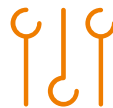
**1 Customized attachment bracket with pins**



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



**3 Additional reinforced side plates** to utilise the mulcher in extreme conditions



**4 VT motor setting** ad hoc adjustment of the motor to obtain the maximum performance of any Hydraulic system

MODEL	Power (HP)		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	min	max				C/3+C/3/SS	I+C/3/SS
UMM/EX 125	120	160	130	180	240	350	20	30	1340	1980	300	26+2	38+2
UMM/EX 150	120	160	130	180	240	350	20	30	1580	2080	300	32+2	46+2
UMM/EX/VT 125*	120	180	130	300	240	350	20	30	1340	1980	300	26+2	38+2
UMM/EX/VT 150*	120	180	130	300	240	350	20	30	1580	2080	300	32+2	46+2

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

**NEW**

## EXCAVATOR MULCHERS

# UML/S/EX/VT

from **110 to 200 HP**Ø **30 cm max**from **20 to 25 t**

## FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR EXCAVATORS.

Specifically developed to adapt to the most frequently utilised category of excavators (20 - 25 tons). Thanks to certain details, such as interchangeable counter-blades, chains screwed to the frame and integrated opening/closing system of the hood, it reaches performance levels close to the highest model of the range, the UMM/EX. Furthermore, the VT automatic variable displacement hydraulic motor increases the efficiency, thereby permitting the machine to carry out complex operations effortlessly on the side of the road, along river banks and on steep slopes.

### STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
110/60cc variable torque hydraulic piston motor
Flow control system valve
Hydraulic rear hood
Interchangeable counter blades
Anti-dust rear hood
Motor integrated into the frame
Screwed protection chains

### OPTIONS

160/115cc variable torque hydraulic piston motor
Customized setting hydraulic motor
Diverter valve (plug & play)
Additional reinforced side plates
Customized attachment bracket with pins
Customized attachment bracket with pins and leg
Different teeth

## FEATURES



### Anti-dust rear hood

revolutionary system of hood opening/closing that prevents dirt from entering into the frame of the machine

### Forged and hardened interchangeable counter-blades

for the maximum duration over a period of time

### Over-dimensioned hubs and bearings

**Motor integrated into the frame**  
and perfectly protected from dirt and impact

**VT motor setting**  
ad hoc adjustment of the motor to obtain the maximum performance of any Hydraulic system

**Double line protection chains**  
slow down the material coming out

**VT variable torque motor**  
to increase the performance and reduce operating costs



THE NEW POINT OF REFERENCE  
FOR EXCAVATORS FROM 20 TO 25 TONS



## MAIN OPTIONS



**1** Customized attachment bracket with pins



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



**3** Additional reinforced side plates to utilise the mulcher in extreme conditions



**4** Customized attachment bracket with pins and leg

MODEL	Power (HP)		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	min	max				C/3+C/3/SS	I+C/3/SS
UML/S/EX/VT 125	110	200	150	300	220	350	20	25	1350	1500	300	26+4	36+2
UML/S/EX/VT 150	110	200	150	300	220	350	20	25	1590	1660	300	32+4	42+2

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

# EXCAVATOR MULCHERS

## UML/EX - UML/EX/VT



from 90 to 120 HP



Ø 20 cm max



from 14 to 20 t

### FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR EXCAVATORS.

It is the most representative mulcher model, thanks to its dimensions and the advantages in terms of robustness, reliability and performance. The innovative hydraulic opening/closing system of the hood completely integrated into the frame, together with the over-dimensioned skirts, makes its utilisation even safer and easier, simultaneously protecting the internal components from dust and debris.

The attachment plate with through-pins guarantees extreme robustness and reliability during utilisation.

#### STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
Hydraulic piston motor 63cc with relief and anticavitation valve (UML/EX)
110/60cc variable torque hydraulic piston motor (UML/EX/VT)
Flow control system valve
Hydraulic rear hood
Welded counter blade
Anti-dust rear hood
Motor integrated into the frame
Screwed protection chains

#### OPTIONS

Customized setting hydraulic motor (UML/EX/VT)
Diverter valve (plug & play)
Customized attachment bracket with pins
Customized attachment bracket with pins and leg
Different teeth

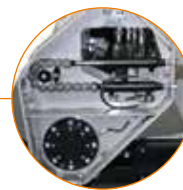
### FEATURES



**Motor integrated into the frame**  
and perfectly protected from dirt and impact

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

**VT motor setting**  
ad hoc adjustment of the motor to obtain the maximum performance of any Hydraulic system

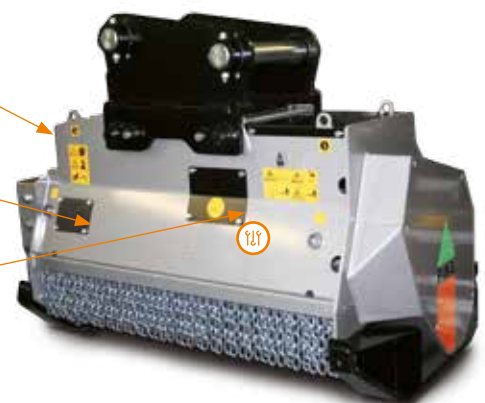


**Steel counter-blades**  
to obtain mulching that is even more effective



**Anti-dust rear hood**  
revolutionary system of hood opening/closing that prevents dirt from entering into the frame of the machine

**VT variable torque motor**  
to increase the performance and reduce operating costs



THE BEST SELLER.  
UNDISPUTED LEADER OF THE MARKET



## MAIN OPTIONS



**1** Customized attachment bracket with pins



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



**3** Additional reinforced side plates to utilise the mulcher in extreme conditions



**4** Customized attachment bracket with pins and leg

MODEL	Power (HP)		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	min	max				C/3+C/3/SS	I+C/3/SS
UML/EX 100	90	120	110	150	220	350	14	20	1100	980	200	20+2	28+2
UML/EX 125	90	120	110	150	220	350	14	20	1340	1085	200	26+2	36+2
UML/EX 150	100	120	110	150	220	350	14	20	1580	1185	200	32+2	42+2
UML/EX/VT 100*	90	120	120	180	220	350	14	20	1100	980	200	20+2	28+2
UML/EX/VT 125*	90	120	120	180	220	350	14	20	1340	1140	200	26+2	36+2
UML/EX/VT 150*	100	120	120	180	220	350	14	20	1580	1240	200	32+2	42+2

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

# EXCAVATOR MULCHERS

## FML/EX



from 90 to 120 HP



Ø 20 cm max



from 14 to 20 t

## FORESTRY MULCHER WITH SWINGING HAMMER ROTOR FOR EXCAVATORS.

The FML/EX mulcher with swinging hammer is the most representative model from the FAE excavator mulcher range thanks to its dimensions, robustness, reliability and performance. The innovative hydraulic opening/closing system of the hood completely integrated into the frame, together with the over-dimensioned skids, makes its utilisation even safer and easier, simultaneously protecting the internal components from dust and debris. The attachment plate with through-pins guarantees robustness and reliability during utilisation.



### STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
Hydraulic piston motor 63cc with relief and anticavitation valve
Flow control system valve
Hydraulic rear hood
Welded counter blade
Anti-dust rear hood

Motor integrated into the frame

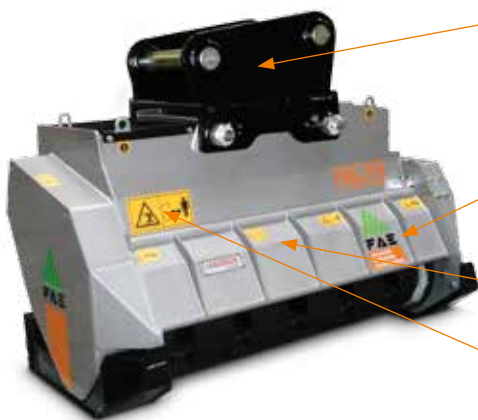
Screwed protection chains

### OPTIONS

Diverter valve (plug & play)

Customized attachment bracket with pins

Customized attachment bracket with pins and leg



### Customized attachment bracket with pins

### Anti-dust rear hood

revolutionary system of hood opening/closing that prevents dirt from entering into the frame of the machine

### Steel counter-blades

to obtain mulching that is even more effective

**Motor integrated into the frame**  
and perfectly protected from dirt and impact

MODEL	Power (HP)		Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. hammers type FMM
	min	max	min	max	min	max	min	max				
FML/EX 100	90	120	110	150	220	350	14	20	1100	950	200	16
FML/EX 125	90	120	110	150	220	350	14	20	1340	1050	200	20
FML/EX 150	100	120	110	150	220	350	14	20	1580	1150	200	24

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



from 70 to 110 HP



Ø15 cm max



from 7 to 14 t

## FORESTRY MULCHER WITH SWINGING HAMMER ROTOR FOR EXCAVATORS.

The particularly robust construction of the frame and the design solutions adopted make it suitable even for the most demanding applications. The new positioning of the connections guarantees easy and rapid mounting operations, whilst the hydraulic action of the hood helps the operator during reclamation. The hydraulic motor is internally positioned in the frame to protect it from dirt and potential impact, ensuring maximum reliability and robustness.

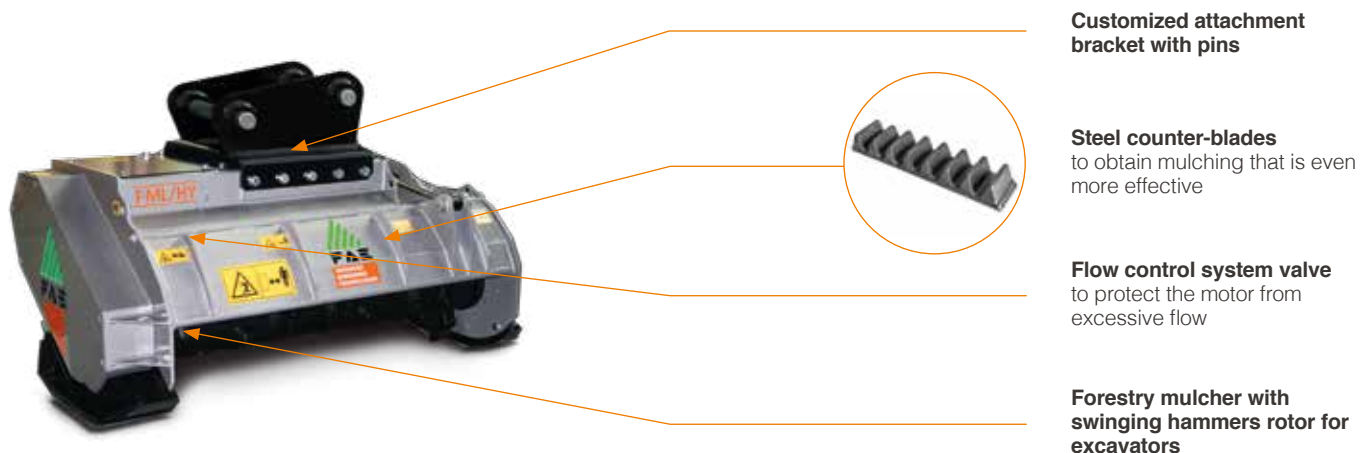


### STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve
Flow control system valve
Hydraulic rear hood
Welded counter blade
Motor integrated into the frame

### OPTIONS

Rear hood with mechanical adjustment
Diverter valve (plug & play)
Customized attachment bracket with pins
Customized attachment bracket with pins and leg



**Customized attachment bracket with pins**

**Steel counter-blades**  
to obtain mulching that is even more effective

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

**Forestry mulcher with swinging hammers rotor for excavators**

MODEL	Power (HP)		Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Working width (mm)	Weight (kg)	Max shredding diameter (mm)	No. hammers type FMM
	min	max	min	max	min	max	min	max				
FML/HY 100	70	110	70	160	180	250	7	14	1100	830	150	16
FML/HY 125	70	110	70	160	180	250	7	14	1340	930	150	20
FML/HY 150	70	110	70	160	180	250	7	14	1580	1030	150	24

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

# EXCAVATOR MULCHERS

## UML/HY - UML/HY/VT



from 70 to 110 HP



Ø 15 cm max



from 7 to 14 t

### FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR EXCAVATORS.

The new positioning of the connections allows easy and rapid mounting operations, whilst the hydraulic action of the hood helps the operator during reclamation. The hydraulic motor is internally positioned in the frame to protect it from dirt and potential impact, ensuring maximum reliability and robustness.

The "VT" version with automatic variable displacement hydraulic motor increases productivity by up to 50% and simultaneously reduces consumption.

#### STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (UML/HY)
80/50cc variable torque hydraulic piston motor (UML/HY/VT)
Flow control system valve
Hydraulic rear hood
Welded counter blade
Motor integrated into the frame

#### OPTIONS

Customized setting hydraulic motor (UML/HY/VT)
Rear hood with mechanical adjustment
Diverter valve (plug & play)
Customized attachment bracket with pins
Customized attachment bracket with pins and leg
Different teeth

### FEATURES



**Motor integrated into the frame**  
and perfectly protected from dirt and impact

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



**Steel counter-blades**  
to obtain mulching that is even more effective

**32/65 cc variable manual displacement hydraulic piston motor with relief and anti-cavitation valve (UML/HY)**

**80/50 cc variable torque hydraulic piston motor (UML/HY/VT)**





## MAIN OPTIONS



1

### VT motor setting

ad hoc adjustment of the motor to obtain the maximum performance of any Hydraulic system



2

### Customized attachment bracket with pins



3

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



4

### Customized attachment bracket with pins and leg

MODEL	Power (HP)		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	min	max				C/3+C/3/SS	I+C/3/SS
UML/HY 100	70	110	70	160	180	250	7	14	1100	870	150	20+2	28+2
UML/HY 125	70	110	70	160	180	250	7	14	1340	970	150	26+2	36+2
UML/HY 150	70	110	70	160	180	250	7	14	1580	1070	150	32+2	42+2
UML/HY/VT 100*	70	110	100	200	180	350	7	14	1100	870	150	20+2	28+2
UML/HY/VT 125*	70	110	100	200	180	350	7	14	1340	970	150	26+2	36+2
UML/HY/VT 150*	70	110	100	200	180	350	7	14	1580	1070	150	32+2	42+2

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

\*Variable displacement hydraulic motor.

# EXCAVATOR MULCHERS

## DML/HY - DML/HY/VT



from 50 to 100 HP



Ø 12 cm max



from 5 to 13 t

### FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR EXCAVATORS.

The DML/HY is the smallest professional fixed hammer excavator mulcher on the market and is extremely versatile. The VT automatic variable displacement hydraulic motor avoids any type of hydraulic level adjustment of the Hydraulic system of the excavator on which it is mounted.

The two hoods that can be activated mechanically or hydraulically (optional) allow both the mulching of trees (front hood) and all fine and fibrous material that does not require preventive removal (rear hood).

#### STANDARD EQUIPMENT

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

#### OPTIONS

32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve (DML/HY)
Customized setting hydraulic motor (DML/HY/VT)
Hydraulic rear hood
Hydraulic front hood
Diverter valve (plug & play)
Customized attachment bracket with pins
Customized attachment bracket with pins and leg
Different teeth

### FEATURES



**VT variable torque motor**  
to increase the performance and reduce operating costs

**Hydraulic rear hood**  
(optional)



**Steel counter-blades**  
to obtain mulching that is even more effective

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

**Hydraulic front hood**  
(optional) for excellent mulching in both directions of rotation of the excavator



**SUPERB AND LIGHT**  
BUT WITH FIXED TEETH



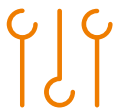
## MAIN OPTIONS



**1** Customized attachment bracket with pins



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



**3** VT motor setting  
ad hoc adjustment of the motor to obtain the maximum performance of any Hydraulic system



**4** Customized attachment bracket with pins and leg

MODEL	Power (HP)		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	min	max				
DML/HY 75	50	100	50	130	180	250	5	13	800	470	120	20
DML/HY 100	50	100	50	130	180	250	5	13	1000	490	120	24
DML/HY 125	50	100	50	130	180	250	5	13	1240	510	120	30
DML/HY/VT 75*	50	100	50	130	180	250	5	13	800	470	120	20
DML/HY/VT 100*	50	100	90	115	180	250	5	13	1000	490	120	24
DML/HY/VT 125*	50	100	90	115	180	250	5	13	1240	510	120	30

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

# EXCAVATOR MULCHERS

## PMM/EX



from 50 to 100 HP



Ø8 cm max



from 6 to 13 t

### MULCHER WITH HAMMER/FLAIL ROTOR FOR EXCAVATORS.

Mulcher for grass and bushes equipped with a variable manual displacement hydraulic piston motor designed for cleaning up brambles and shrubs.

Stronger roller supports (optional) ensure the best performance and maximum reliability even on a difficult terrain. The flow control valve guarantees 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

32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve

Flow control system valve

Rear 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 with pins

Attachment plate with self levelling device

Stronger bearing for back roller

Different teeth



**Anti dust machine body**

**Steel counter-blades**

to obtain mulching that is even more effective

**Stronger bearings for the support roller**

**Self-cleaning support roller**



MODEL	Power (HP)		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	min	max				PMM	Y
PMM/EX 100	50	100	60	130	180	250	6	13	1060	520	80	12	12
PMM/EX 125	50	100	60	130	180	250	6	13	1300	600	80	16	16
PMM/EX 150	50	100	60	130	180	250	6	13	1540	680	80	18	18
PMM/EX 175	50	100	60	130	180	250	7	13	1780	760	80	22	22

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



from 80 to 100 HP



Ø12 cm max



from 6 to 10 t

## FORESTRY MULCHER WITH FIXED TOOTH ROTOR FOR EXCAVATORS AND SPECIAL MACHINES.

A mulcher that has been designed and built specifically for railway vehicles or other special machines. Ideal for maintaining areas that are difficult to reach, for example along escarpments of railway lines.

The optimum weight, the particularly light frame and the over-dimensioned rotor equipped with fixed hammers allow the mulching of branches, brambles and trees up to 12 cm in diameter, even in the presence of stones often found at the side of railway lines and not easy to see whilst operating.



### STANDARD EQUIPMENT

Anti dust machine body

Belt transmission

32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve

Hydraulic rear hood

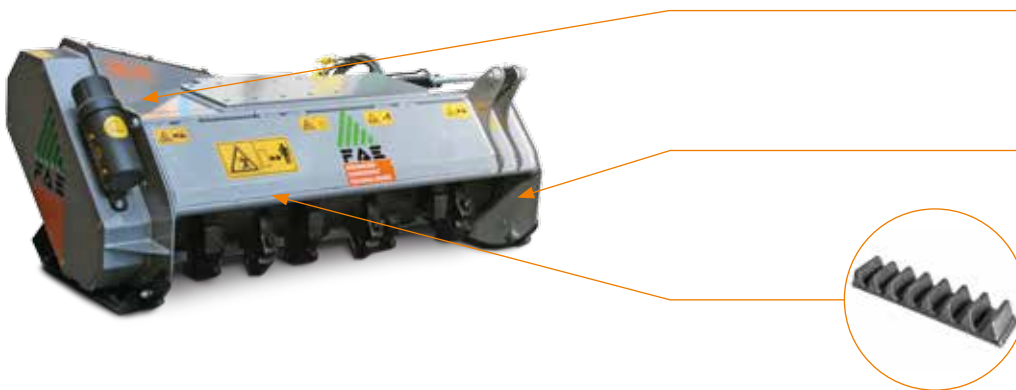
Welded counter blade

Motor integrated into the frame

Screwed protection chains

### OPTIONS

Different teeth



**Motor integrated into the frame** and perfectly protected from dirt and impact

**32/65cc variable manual displacement hydraulic piston motor with relief and anticavitation valve**

**Steel counter-blades** to obtain mulching that is even more effective

MODELLO	Power (HP)		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	min	max				C/3+C/3/SS	I+C/3/SS
<b>UML/HY/RW 100</b>	80	100	80	160	220	250	6	10	1100	550	120	20+2	28+2
<b>UML/HY/RW 125</b>	80	100	80	160	220	250	6	10	1340	590	120	26+2	36+2
<b>UML/HY/RW 150</b>	80	100	80	160	220	250	6	10	1580	630	120	32+2	42+2

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

# EXCAVATOR MULCHERS

## PML/EX



from 30 to 50 HP



Ø5 cm max



from 5,5 to 7,5 t

### MULCHER WITH HAMMER/FLAIL ROTOR FOR EXCAVATORS.

The mulcher can be equipped with a standard 27cc motor or an optional 38cc motor thereby permitting the assembly to excavators from 5.5 to 7.5 tons. Furthermore, there is also an optional 17/34cc variable manual displacement hydraulic motor with mechanical adjustment which makes this model an ideal solution 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.

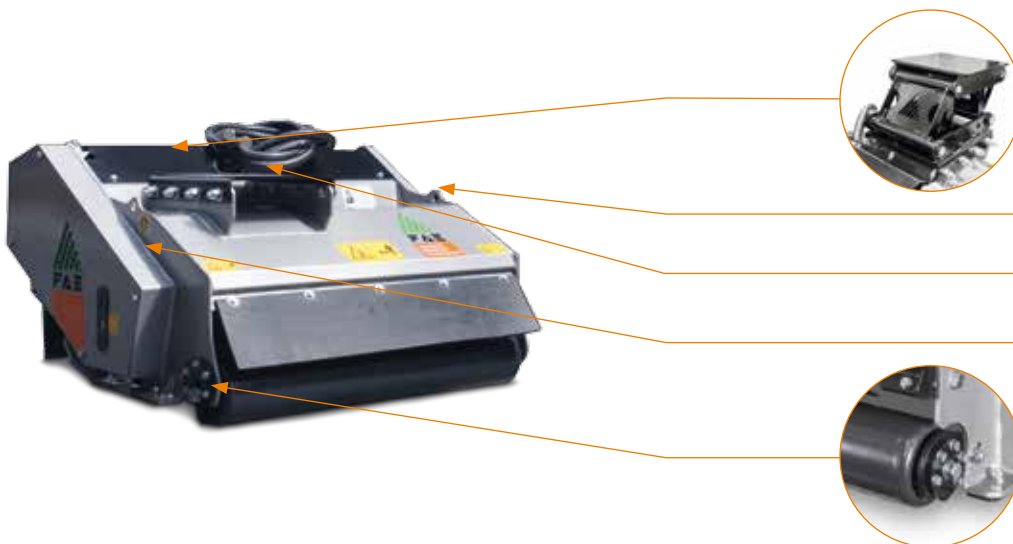


#### STANDARD EQUIPMENT

- Anti dust machine body
- Belt transmission
- 27cc gear motor with integrated anticavitation valve
- 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-flails

#### OPTIONS

- 38cc gear motor with integrated anticavitation valve
- 17/34cc variable manual displacement hydraulic piston motor with relief and anticavitation valve
- Customized attachment bracket with pins
- Attachment plate with self levelling device
- Different teeth



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

**Anti dust machine body**

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

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



**Self-cleaning support roller**

MODEL	Power (HP)		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	min	max				PML	Y
PML/EX 100	30	50	35	85	180	210	5,5	7,5	1015	290	50	16	16
PML/EX 125	35	50	35	85	180	210	6,0	7,5	1255	320	50	20	20
PML/EX 150	40	50	35	85	180	210	6,5	7,5	1495	350	50	24	24

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



from 25 to 45 HP



Ø4 cm max



from 3,5 to 5,5 t

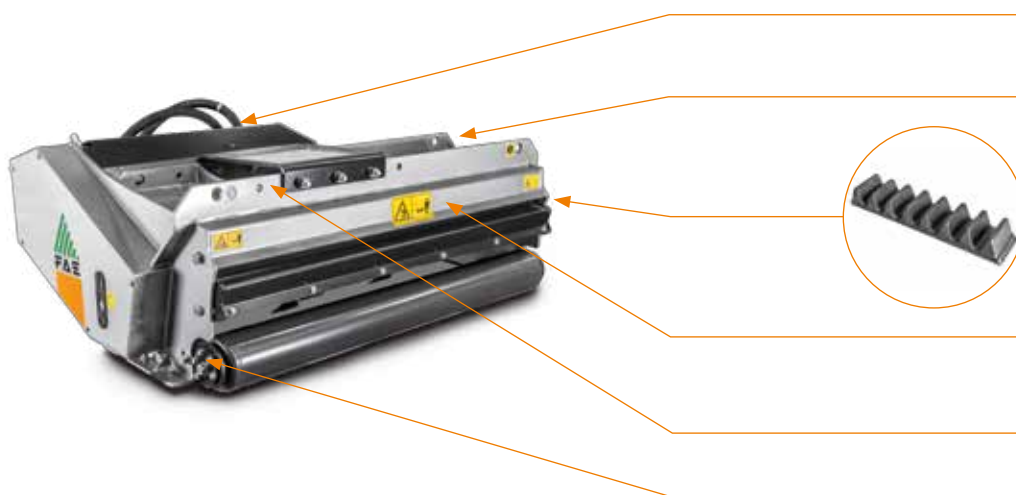
## MULCHER WITH HAMMER/FLAIL ROTOR FOR EXCAVATORS.

Thanks to its compact dimensions and versatility, the PMM/HY is the most requested model for grass and brush mulching in the FAE small mulcher range. The mulcher can be equipped with 16cc standard motor or an optional 27cc motor thereby allowing mounting on excavators from 3.5 to 5.5 tons. 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
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
17/34cc variable manual displacement hydraulic piston motor with relief and anticavitation valve
Customized attachment bracket with pins
Attachment plate with self levelling device
Different teeth



### Hydraulic hoses

### Various types of hydraulic motors

to adapt to different models of excavators

### Steel counter-blades

to obtain mulching that is even more effective

### Flow control system valve

to protect the motor from excessive flow

### Anti dust machine body

### Self-cleaning support roller

MODEL	Power (HP)		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	min	max				PML	Y
PMM/HY 100	25	45	35	75	150	210	3,5	5,5	1015	240	40	16	16
PMM/HY 125	30	45	35	75	150	210	4,0	5,5	1255	265	40	20	20
PMM/HY 150	35	45	35	75	150	210	4,5	5,5	1495	290	40	24	24

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

# EXCAVATOR MULCHERS

## PML/HY



from 20 to 35 HP



Ø 2 cm max



from 1,5 to 3,5 t

### MULCHER WITH HAMMER/FLAIL ROTOR FOR EXCAVATORS.

The smallest model from the FAE excavator mulchers range, designed for cleaning up brambles and shrubs. The mulcher can be equipped with a standard 8cc or 16cc optional motor, thereby allowing mounting to excavators from 1.3 to 3.5 tons. 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
8cc gear motor with integrated anticavitation valve
Hydraulic hoses
Welded counter blade
Rear roller
Self levelling protection rubber
Possibility to have the rotor equipped with PML hammers or Y-flails

#### OPTIONS

16cc gear motor with integrated anticavitation valve
Customized attachment bracket with pins
Attachment plate with self levelling device
Different teeth



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

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

**Anti dust machine body**

**Steel counter-blades** to obtain mulching that is even more effective

**Self-cleaning support roller**

MODEL	Power (HP)		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	min	max				PML	Y
PML/HY 50	20	35	16	40	150	210	1,5	3,5	500	160	20	8	8
PML/HY 70	25	35	16	40	150	210	2,0	3,5	700	180	20	10	10
PML/HY 90	30	35	16	40	150	210	2,5	3,5	900	200	20	14	14

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**DESIGNED WITH CARE**  
IN EVERY DETAIL



# EXCAVATOR STUMP CUTTERS

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Our professional hydraulic transmission excavator stump cutters can be utilised for an easy and quick removal of stumps. The safety of the operator is ensured during all operating phases.



## SCM/EX/VT

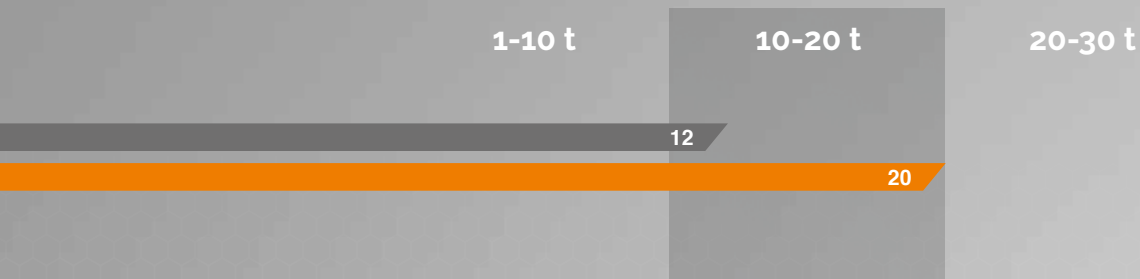
Disc stump cutter for excavators.

p. 036

Min

Max

# IT OVERCOMES ANY OBSTACLE BY FAR



# EXCAVATOR STUMP CUTTERS

## SCM/EX/VT



from 70 to 150 HP



from 12 to 20 t

## DISC STUMP CUTTERS FOR EXCAVATORS.

The SCM/EX/VT is designed to satisfy the requirements of professionals that need to remove stumps as quickly and easily as possible in any situation. The front hood with hydraulic adjustment and the exclusive front fixed thumb, specifically designed to shift previously cut material, ensure the best performance and maximum safety. The stumps are easily removed, thanks to the exceptional reliability and resistance of the rotor.

### STANDARD EQUIPMENT

Anti dust machine body
Belt transmission
160/115cc variable torque hydraulic piston motor
Flow control system valve
Hydraulic front hood
Motor integrated into the frame
Screwed protection chains

### OPTIONS

Customized setting hydraulic motor
Diverter valve (plug & play)
Customized attachment bracket with pins
Customized attachment bracket with pins and leg
Front fixed thumb

## FEATURES



**Front hydraulic hood**



**VT variable torque motor**  
to increase the performance and reduce operating costs

**Bolt-on chains/protection plates**

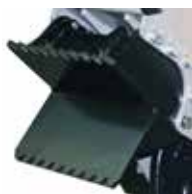
**Motor integrated into the frame**  
and perfectly protected from dirt and impact

**Supporting service leg**  
to position the machine when not in use





## MAIN OPTIONS



**1** Front fixed thumb



**2** **VT motor setting**  
ad hoc adjustment of the motor to obtain the maximum performance of any Hydraulic system



**3** Customized attachment bracket with pins and leg



**4** Customized attachment bracket with pins

MODEL	Power (HP)		Flow rate (L/min)		Pressure (bar)		Excavator weight (t.)		Diametro Rotore (mm)	Total width (mm)	Weight (kg)	No. teeth M1/M2/M3/M4
	min	max	min	max	min	max	min	max				
SCM/EX/VT	70	150	120	220	220	350	12	20	790	770	1020	12+3+12+3

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

# MULCHERS FOR SPECIAL BUILT CARRIERS

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



## 500U

Universal mulcher for hydraulic and mechanical applications.

**p. 040**

Min

Max



## 300U

Universal mulcher for hydraulic and mechanical applications.

**p. 041**

Min

Max



## 200U

Universal mulcher for hydraulic and mechanical applications.

**p. 042**

Min

Max



## 140U

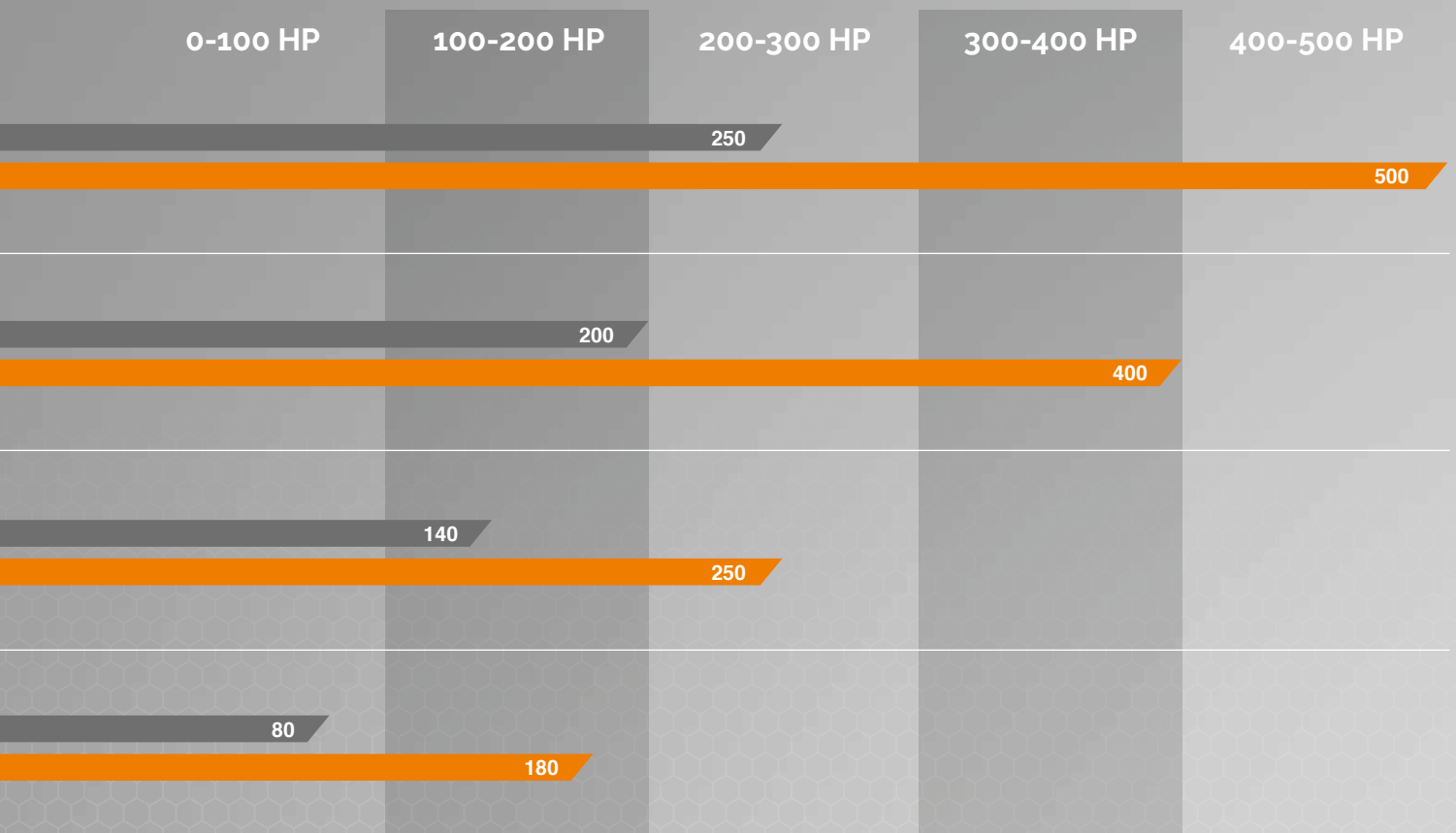
Universal mulcher for hydraulic and mechanical applications.

**p. 043**

Min

Max

# CUT TO MEASURE FOR YOU



# MULCHERS FOR SPECIAL BUILT CARRIERS

## 500U



from 250 to 500 HP



Ø50 cm max

## UNIVERSAL MULCHER FOR HYDRAULIC AND MECHANICAL APPLICATIONS.

This model, which represents the excellence of the FAE range of forestry mulchers for special carriers, is capable of mulching tree trunks up to 50 cm in diameter. The transmission, developed for utilisation with power outputs up to 500 HP, responds to the need to operate with more and more powerful machines that appear on the market, designed to optimise the various operations of forest reclamation. The particularly robust frame allows utilisation with tracked vehicles.



### STANDARD EQUIPMENT AND OPTIONS

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



MODEL	Power (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	500	600	720	250	350	2080	2550	3590	3810	500	78+2	50+2
500/U - 225	260	500	600	720	250	350	2320	2790	3770	3990	500	88+2	54+2
500/U - 250	270	500	600	720	250	350	2560	3030	3950	4170	500	96+2	60+2

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

# MULCHERS FOR SPECIAL BUILT CARRIERS

## 300U



from 200 to 400 HP



Ø 40 cm max

## UNIVERSAL MULCHER FOR HYDRAULIC AND MECHANICAL APPLICATIONS.

High productivity, robustness and optimum weight are the points of strength of this professional mulcher with fixed tooth rotor; it can mulch plants up to 40 cm in diameter. Like all machines from the forestry mulchers range dedicated to highly professional applications, the mulcher 300U can be customised on the basis of the specific requirements of any manufacturer of self-propelled vehicles.



### STANDARD EQUIPMENT AND OPTIONS

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



MODEL	Power (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 catalogue may be altered without prior notice.

# MULCHERS FOR SPECIAL BUILT CARRIERS

## 200U



from 140 to 250 HP



Ø35 cm max

## UNIVERSAL MULCHER FOR HYDRAULIC AND MECHANICAL APPLICATIONS.

A forestry mulcher capable of combining flexibility and manoeuvrability, a compact machine with the performance of the best forestry mulchers. This machine, designed for reclamation of forest terrain, offers robustness and a high productivity rate for all mulching operations of bushes, plant residues and trees with a diameter of 35 cm. The 200U mulcher was designed to meet the precise needs of individual customers and therefore provides for the customisation of almost all design elements.



### STANDARD EQUIPMENT AND OPTIONS

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



MODEL	Power (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 catalogue may be altered without prior notice.

# MULCHERS FOR SPECIAL BUILT CARRIERS

## 140U



from 80 to 180 HP



Ø 25 cm max

### UNIVERSAL MULCHER FOR HYDRAULIC AND MECHANICAL APPLICATIONS.

It is the smallest model in the range of forestry mulchers dedicated to highly professional applications. The optimum dimensions make this model particularly requested for the creation of corridors in woods for seismic detections of oil exploration. The particularly robust frame allows the utilisation also with tracked vehicles thereby avoiding potential damage to the frame or components such as bearings and hubs of the rotor.



#### STANDARD EQUIPMENT AND OPTIONS

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

- Customised attachment plates**
- Mechanical or hydraulic push frame** (optional)
- Hydraulic rear hood** to efficiently regulate the grain size
- Ripper teeth on hydraulic hood** (optional)
- Customised mechanical or hydraulic transmission**
- Possibility to have the rotor equipped with teeth type C/3/HD, STCL/3 or the type-I tooth**
- Adjustable skids**

MODEL	Power (HP)		Flow rate (L/min)		Pressure (bar)		PDF (rpm)	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 - 125 - PTO	80	130	/	/	/	/	1000	1340	1620	1400	250	26+2
140/U - 150 - PTO	80	130	/	/	/	/	1000	1580	1860	1500	250	32+2
140/U - 140 - HY	80	150	160	250	250	350	/	1470	1750	1300	250	28+2
140/U - 200 - HY	110	180	300	340	250	300	/	2060	2420	1630	250	42+2
140/U - 225 - HY	110	180	300	340	250	300	/	2300	2660	1770	250	46+2

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

# TILLERS FOR SPECIAL BUILT CARRIERS

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Designed for the requirements of all professionals, our forestry tillers are ideal for reclamation and maintenance of forest and agricultural terrain thereby reducing the heaviest efforts whilst increasing the operator's safety.



## SFH/PM

Tiller for hydraulic and mechanical applications.

p. 046

Min

Max



## 500S

Tiller for hydraulic and mechanical applications.

p. 047

Min

Max



## 300S

Tiller for hydraulic and mechanical applications.

p. 048

Min

Max



## 200S

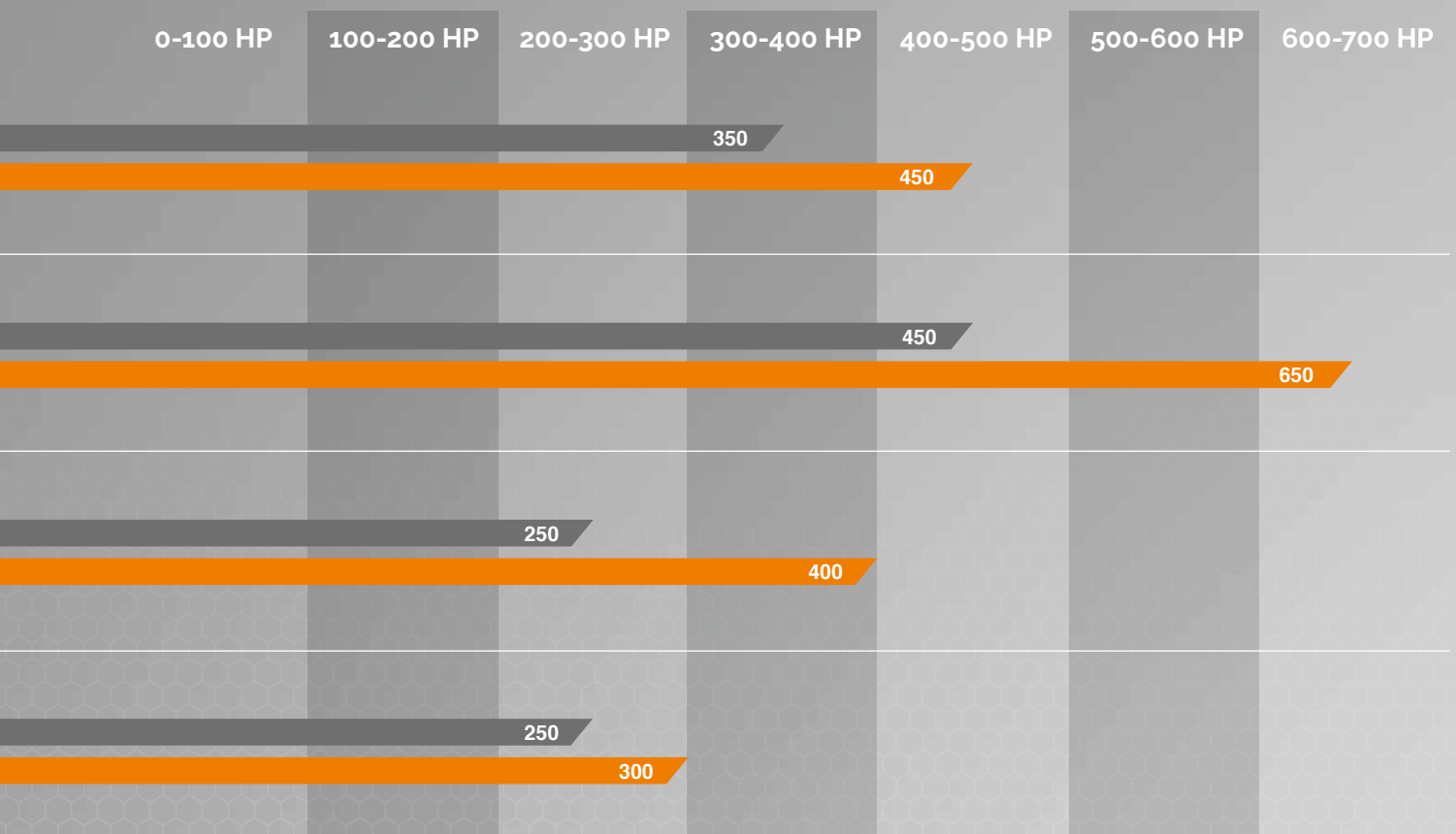
Tiller for hydraulic and mechanical applications.

p. 049

Min

Max

# IN LINE WITH YOUR REQUIREMENTS



# TILLERS FOR SPECIAL BUILT CARRIERS

## SFH/PM



from 350 to 450 HP



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



D40 cm

## TILLER FOR HYDRAULIC OR MECHANICAL APPLICATIONS.

Thanks to its sturdiness and extreme versatility, SFH/PM can be installed on special carriers with power up to 450 HP to mulch vegetation and rocks respectively up to 45 cm and 35 cm and work up to 40 cm in depth. The double gear driven transmission that transforms speed into grinding power, combined with different tooth options on the rotor, make the SFH/PM unique in its category.



### STANDARD EQUIPMENT AND OPTIONS

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



**Customised attachment plate**  
(optional)

**Hydraulic rear hood**  
to efficiently regulate the grain size



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

MODEL	Power (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/3/FP +STC/FP
	min	max	min	max	min	max					Stones	Forestry	
SFH/PM - 225	350	450	450	550	350	415	2320	2710	5600	400	350	450	62+4+4
SFH/PM - 250	350	450	450	550	350	415	2560	2950	5900	400	350	450	68+4+4

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

# TILLERS FOR SPECIAL BUILT CARRIERS

## 500S



from 450 to 650 HP



Ø 60 cm max



D50 cm

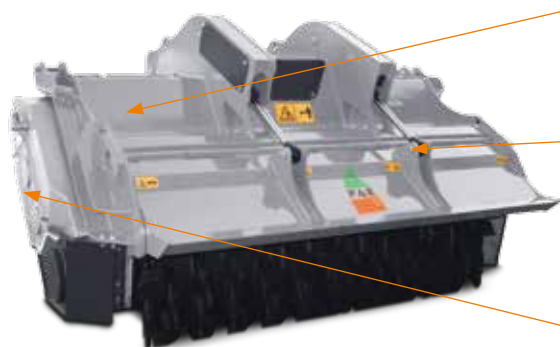
## TILLER FOR HYDRAULIC OR MECHANICAL APPLICATIONS.

The transmission developed for utilisation with special machines with power outputs from 450 HP to 650 HP and the considerable dimensions of the rotor allow the speeding up of both standard reclamation operations and those more serious and demanding. The 500S ensures the best results for mulching stumps with a diameter up to 60 cm and roots up to 50 cm in depth. The quality of the material and technological solutions adopted ensure reliability and extreme robustness over a long period of time.



### STANDARD EQUIPMENT AND OPTIONS

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



**Variable manual displacement hydraulic motor**



**Hydraulic rear hood**  
to efficiently regulate the grain size



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

MODEL	Power (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

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# TILLERS FOR SPECIAL BUILT CARRIERS

## 300S



from 250 to 400 HP



Ø50 cm max



D40 cm

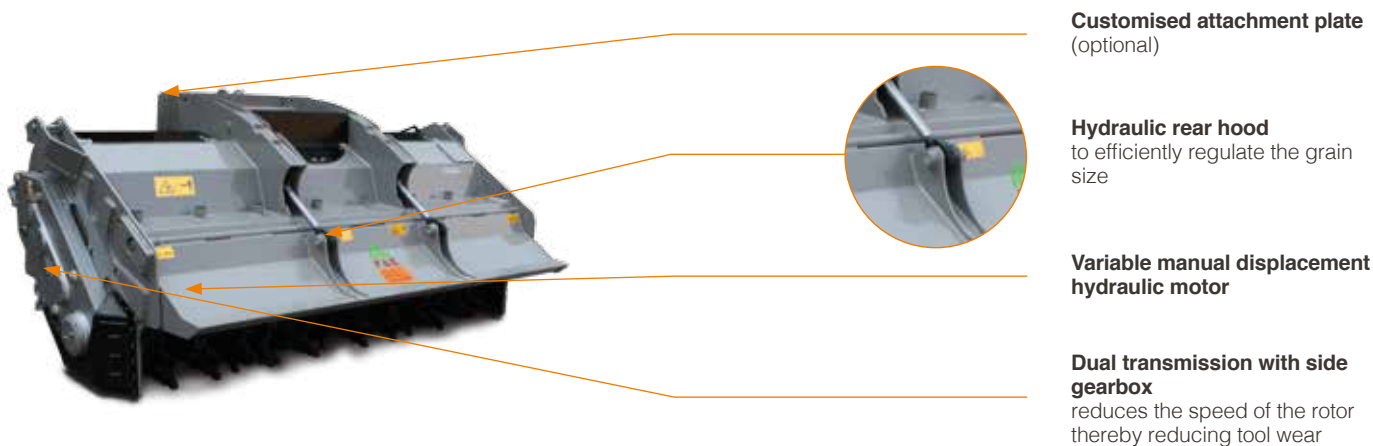
### TILLER FOR HYDRAULIC OR MECHANICAL APPLICATIONS.

The 300S model allows grinding of stumps of big dimensions and roots up to 40 cm in depth while working width of more than 2.5 m allows the reclamation of even the largest surfaces and simultaneously ensuring high performance and excellent mulching results of the material. The transmission with side gearbox ensures cutting that is homogeneous in depth and reduced wear of the tools even on abrasive terrain.



#### STANDARD EQUIPMENT AND OPTIONS

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



MODEL	Power (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 catalogue may be altered without prior notice.

# TILLERS FOR SPECIAL BUILT CARRIERS

## 200S



from 250 to 300 HP



Ø 30 cm max



D30 cm

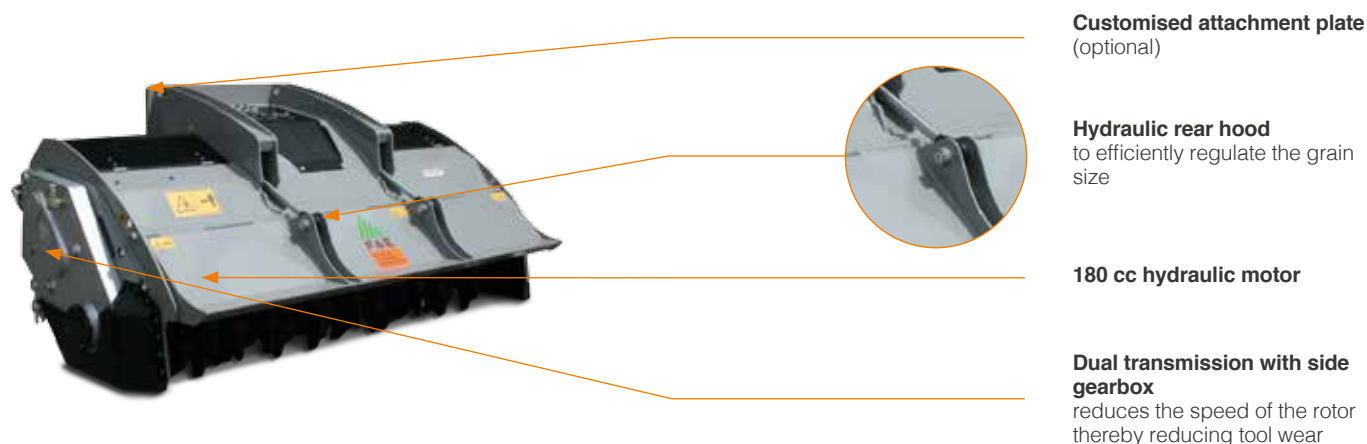
## TILLER FOR HYDRAULIC OR MECHANICAL APPLICATIONS.

Thanks to its optimum weight and various widths available, it adapts to a wide range of machines and represents the ideal solution for utilisation in peaty fields. 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, cutting that is homogeneous in depth and reduced tool wear even on abrasive terrain.



### STANDARD EQUIPMENT AND OPTIONS

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



**Customised attachment plate**  
(optional)

**Hydraulic rear hood**  
to efficiently regulate the grain size

**180 cc hydraulic motor**

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

MODEL	Power (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						
<b>200/S - 225</b>	250	300	350	400	320		2320	2680	3050	300	300	82+4
<b>200/S - 250</b>	250	300	350	400	320		2560	2920	3250	300	300	96+4

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

# STUMP CUTTERS FOR SPECIAL BUILT CARRIERS

---

Our hydraulic transmission stump cutters for special built carriers are unbeatable in removing stumps. Easy to use, fast and precise, they accompany your daily work always ensuring excellent results and the complete safety of all work phases.



## SCH/PM

Stump cutter with fixed tools for hydraulic applications.

**p. 052**

Min

Max



## 300SC

Stump cutter with fixed tooth system for hydraulic applications.

**p. 053**

Min

Max

# CREATED TO **BETTER ACCOMPANY YOUR WORK**

0-100 HP

100-200 HP

200-300 HP

300-400 HP

400-500 HP

350

450

250

300

STUMP CUTTERS FOR  
SPECIAL BUILT CARRIERS

NEW

SCH/PM



from 350 to 450 HP



Ø50 cm max



D35 cm

## STUMP CUTTER WITH FIXED TOOLS FOR HYDRAULIC APPLICATIONS.

The SCH-PM-100 model is designed to satisfy the requirements of professionals that need to remove stumps in any situation as simply and quickly as possible.

The rear hood with hydraulic adjustment and the additional reinforced plates ensure the best performance and durability over a long period of time. The stumps are easily removed, thanks to the exceptional reliability and resistance of the rotor.

2 0 1 6

ABSOLUTE  
INNOVATION

### STANDARD EQUIPMENT AND OPTIONS

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



**Customised attachment plate**  
(optional)

**Hydraulic motor with relief valve**

**Additional reinforced side plates**  
to utilise the mulcher in extreme conditions

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

**Possibility to have the rotor equipped with teeth type A/3/HD or F/3**

**Penetration skids**

MODEL	Power (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						
SCH/PM 100	350	450	500	550	350	420	1000	1460	3400	350	500	34+4

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

# STUMP CUTTERS FOR SPECIAL BUILT CARRIERS

## 300SC



from 250 to 300 HP



Ø50 cm max



D100 cm

## STUMP CUTTER WITH FIXED TOOTH SYSTEM FOR HYDRAULIC APPLICATIONS.

The 300SC stump cutter permits grinding stumps and roots of large dimensions up to 50 cm in diameter and 100 cm in depth.

The belt transmission ensures a homogeneous grinding in depth and a reduction in tool wear even in any type of application.



### STANDARD EQUIPMENT AND OPTIONS

Considering the various available options and high level of customisation, 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**  
to prevent the material from coming out

MODEL	Power (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	1020	700	2100	1000	500	15+3+15+3

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

# STONE CRUSHERS FOR SPECIAL BUILT CARRIERS

---

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



## 500RC

Road stone crusher for hydraulic or mechanical applications. **p. 056**

Min

Max



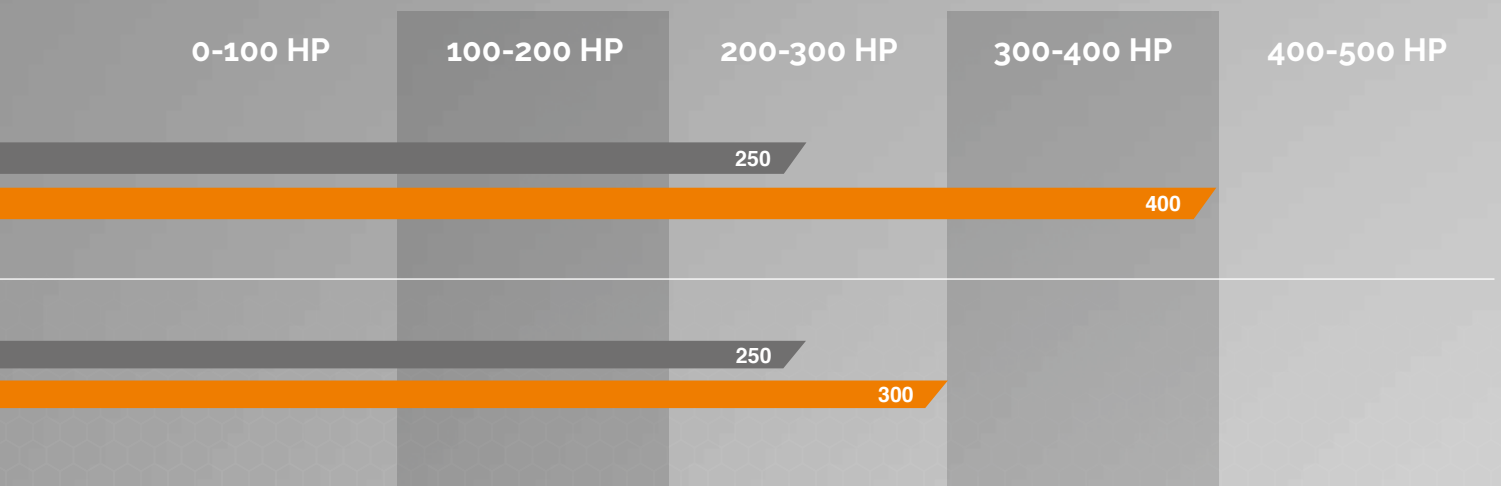
## RSL/PM

Road stone crusher for hydraulic or mechanical applications. **p. 057**

Min

Max

# WHEN VERSATILITY **MEETS SOLIDITY**



# STONE CRUSHERS FOR SPECIAL BUILT CARRIERS

## 500RC



from 250 to 400 HP



Ø50 cm max



D40 cm

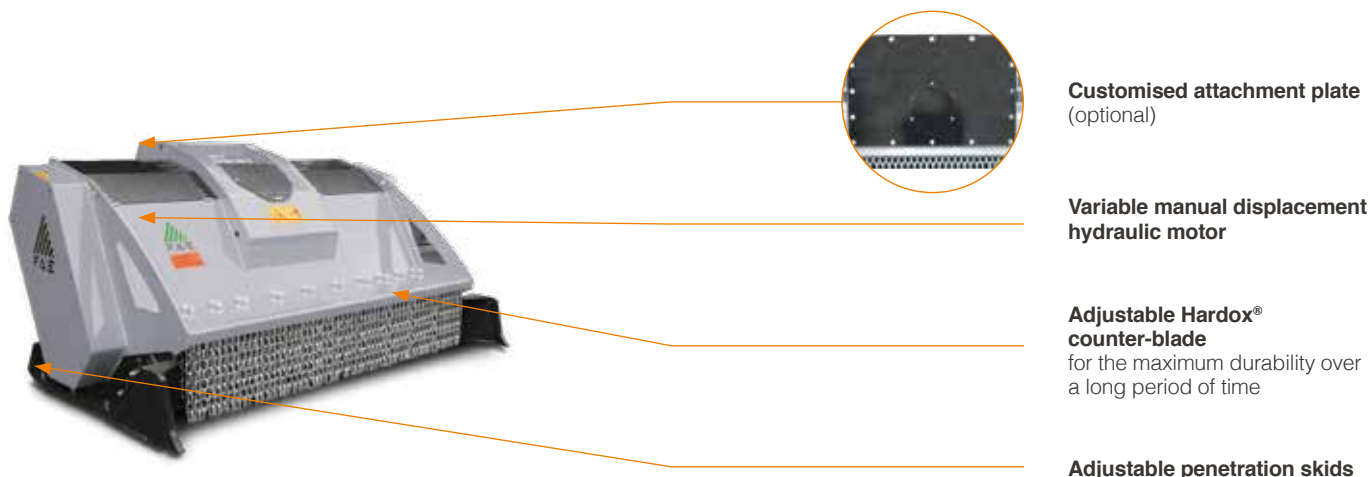
## ROAD STONE CRUSHER FOR HYDRAULIC OR MECHANICAL APPLICATIONS.

Thanks to high grade of customisation, it is the ideal solution for the creation and maintenance of unpaved and mountain roads or for reclamation of agricultural terrain. The 500RC stone crusher is designed and built for the most demanding applications, capable of grinding stones up to 50 cm in diameter and operating at a depth of 40 cm. It is ideal also for the largest surfaces thanks to its working width of more than 2.5 metres.



### STANDARD EQUIPMENT AND OPTIONS

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



MODEL	Power (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 catalogue may be altered without prior notice.

# STONE CRUSHERS FOR SPECIAL BUILT CARRIERS

## RSL/PM



from 250 to 300 HP



D27 cm

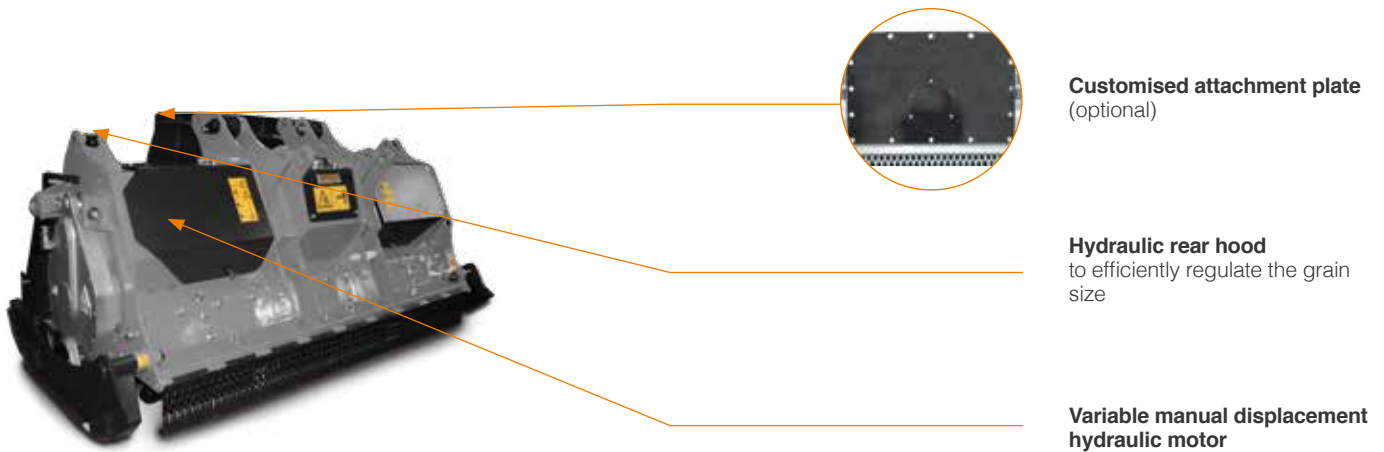
### ROCK SHREDDER AND STONE CRUSHER FOR HYDRAULIC OR MECHANICAL APPLICATIONS.

RSL/PM is a multi-purpose machine suitable for grinding rocks, asphalt and crushing stones. In fact, the two gear reducers allow the rotor to constantly operate in reduced speed conditions, whilst the radial motors enable the operator to set the speed. The hydraulic skids, particularly useful in asphalt grinding, allow precise regulation of the operating depth, grinding in a homogeneous and precise way.



#### STANDARD EQUIPMENT AND OPTIONS

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



MODEL	Power (HP)		Flow rate (L/min)		Pressure (bar)		Working width (mm)	Total width (mm)	Weight (kg)	Max working depth (mm)	No. teeth R•R/HD	No. teeth G/3+H
	min	max	min	max	min	max						
RSL/PM - 200	250	300	380		320		1960	2510	2900	150-270	138+16	66+4
RSL/PM - 225	250	300	380		320		2200	2750	3200	150-270	154+16	76+4

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

# RIGHT TO THE HEART OF THE POWER

## THE SPIRAL ROTOR DESIGN ALLOWS TO REDUCE THE POWER REQUIREMENT

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

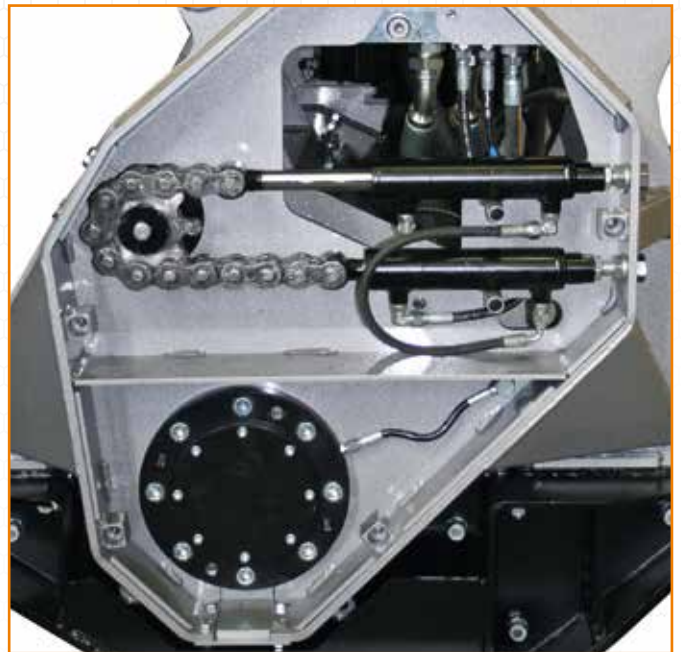
Ideal for applications with high presence of rocks.  
**THIS ROTOR CAN BE FITTED WITH FMM teeth.**

# DETAILS MAKE THE DIFFERENCE

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



VT variable torque motor.



Anti-dust rear hood.



Valve block.



Attachment plate with ears and pins.

↓ Access points to facilitate the maintenance.

Part and user manual canister. ↓



↑ Side guards.

← Adjustable Hardox® counter-blade.

← Inner anti wear clad plates FCP.



↑ Forged and hardened interchangeable counterblades.

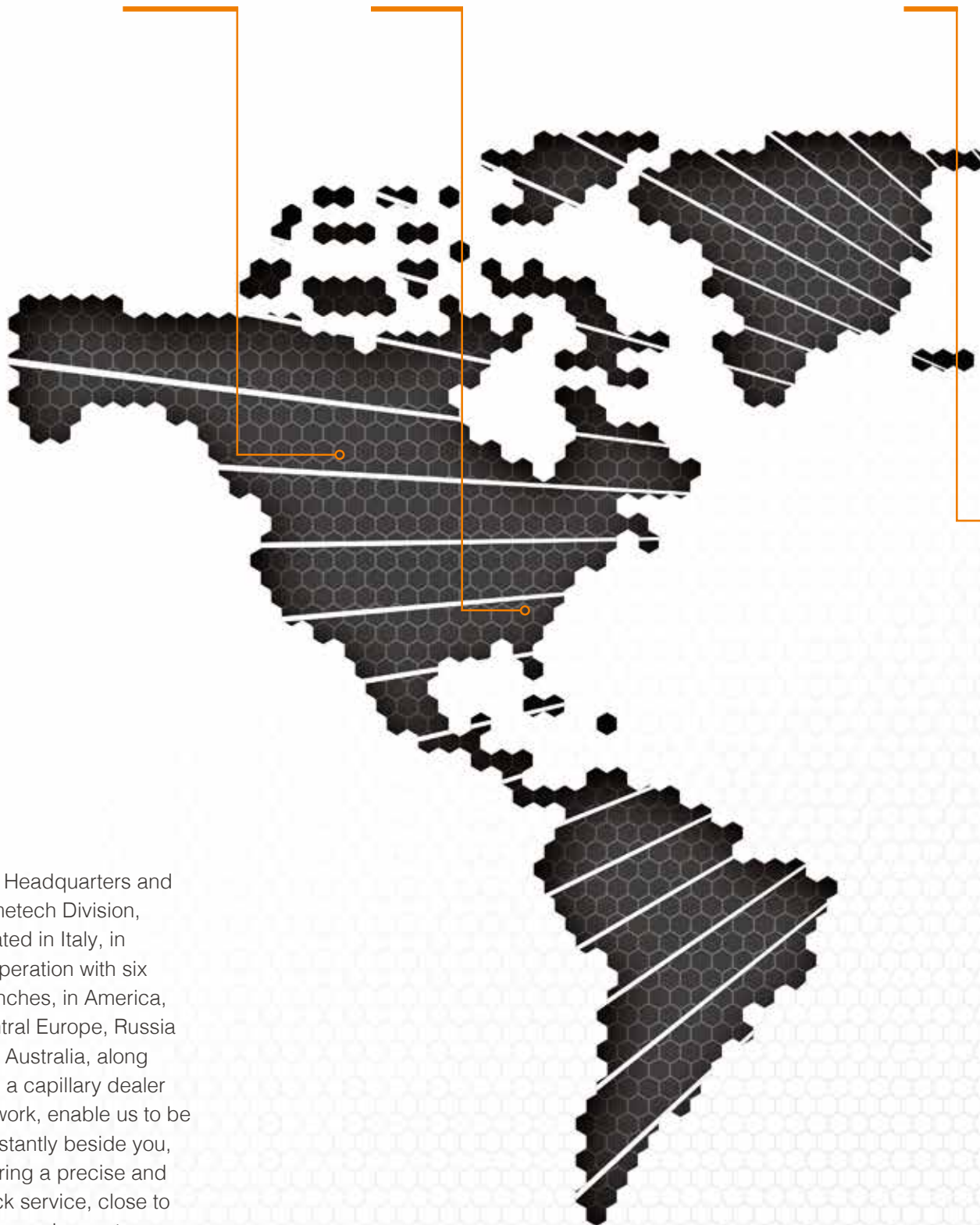
# OUR WORLDWIDE BRANCHES

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**PRIMETECH  
SHREDDING**  
EDMONTON

**FAE USA**  
ATLANTA

**FAE FRANCE**  
LYON



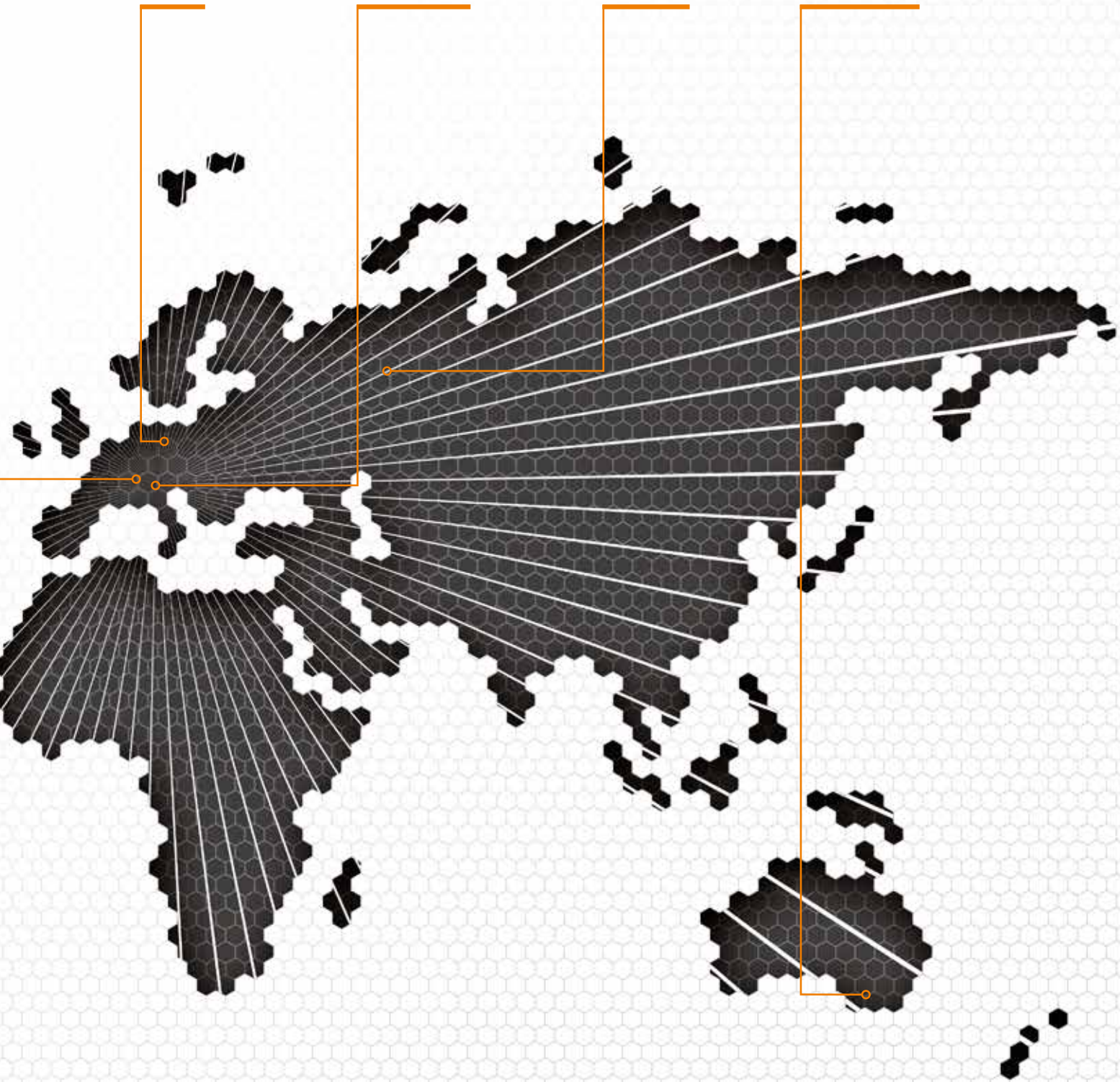
The Headquarters and Primetech Division, located in Italy, in cooperation with six branches, in America, Central Europe, Russia and Australia, along with a capillary dealer network, enable us to be constantly beside you, offering a precise and quick service, close to your requirements.

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MELBOURNE**



# UNBEATABLE DESIGN **FOR OUTSTANDING PERFORMANCES**



LAND CLEARING





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The information and images in this document are not binding.  
The weight is approximate and refers to machine without options.  
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 KNOW-HOW  
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



/M3



/M4





























































































/M2



/R65



/R65/HD

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) 
DML/SSL - DML/SSL/VT	Blade E (standard) 	Blade E/HD (standard) 				
PMM/SSL	Hammer PMM (standard) 	Blade Y/3 (standard) 				
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) 
FML/EX - FML/HY	Hammer FMM (standard) (FML/EX) 	Hammer FML (standard) (FML/HY) 				
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) 
DML/HY - DML/HY/VT	Blade E (standard) 	Blade E/HD (standard) 				
PMM/EX	Hammer PMM (standard) 	Blade Y/3 (standard) 				
UML/HY/RW	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 (standard) (PML/EX) 				
SCM/EX/VT	M1 (standard) 	M3 (standard) 	M4 (standard) 	M2 (standard) 		
500U	A/3 (standard) 	C/3 (standard) 	A/3/HD (option) 	C/3/HD (option) 	C/3/SS (side scraper) 	MH (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) 
200U	C/3 (standard) 	C/3/HD (option) 	STCL/3 (option) 	C/3/SS (side scraper) 		
140U	C/3 (standard) 	C/3/HD (option) 	STCL/3 (option) 	I (option) 	C/3/SS (side scraper) 	
SFH/PM	G/3 (standard) 	STC/3/ FP (side scraper) 	STC/FP (side scraper) 			
500S	B/3 (standard) 	G/3 (option) 	STC/3/ FP (side scraper) 	STC/FP (side scraper) 		
300S	A/3 (standard) 	A/3/HD (option) 	MH (side scraper) 			
200S	B/3 (standard) 	G/3 (option) 	C/SS (side scraper) 			
SCH/PM	A/3 (standard) 	A/3/HD (option) 	F/3 (option) 	MH (side scraper) 		
300SC	M1 (standard) 	M3 (standard) 	M4 (standard) 	M2 (standard) 		
500RC	STC/3 (standard) 	STC/3/ HD (standard) 	STC/3/ FP (standard) 	STC/3/ HD (side scraper) 		
RSL/PM	R65 (standard) 	R65/HD (standard) 	G/3 (standard) 	R65/HD (side scraper) 		

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