

CAMS

IL FUTURO È VERDE



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SHREDDING



INNOVATIVE TECHNOLOGY

CAMS shredders are designed to operate by exploiting the shear stress, reducing energy consumption and environmental impact. The FTR and CTR ranges reduce the volume of different types of material, making them homogeneously sized, perfect for transport or further processing.

PRODUCTION QUALITY

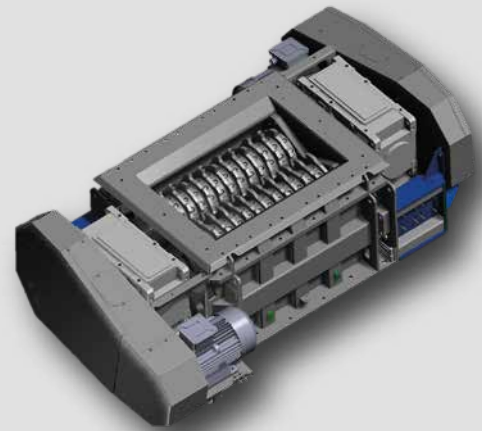
The low rotational speed of the shafts ensures high efficiency, reducing noise pollution, dust emissions and minimising wear.

The use of special steel alloys for the teeth of CAMS shredders lowers operating costs, ensuring maximum uptime.

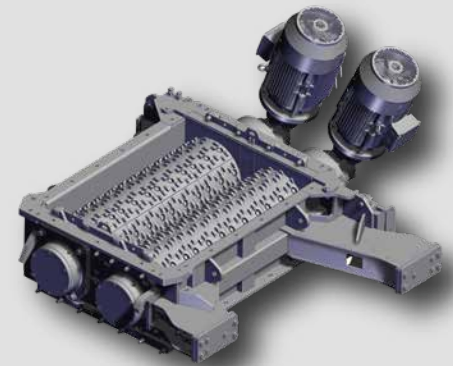
In addition, a patented system ensures that wear parts can be replaced without the need to disassemble the machine.

MAXIMUM VERSATILITY

The entire range of shredders is designed to return a very high quality product from a wide variety of materials: from concrete to asphalt, for which the original grain size curve is not altered, guaranteeing 100% recycling of the original bitumen content.

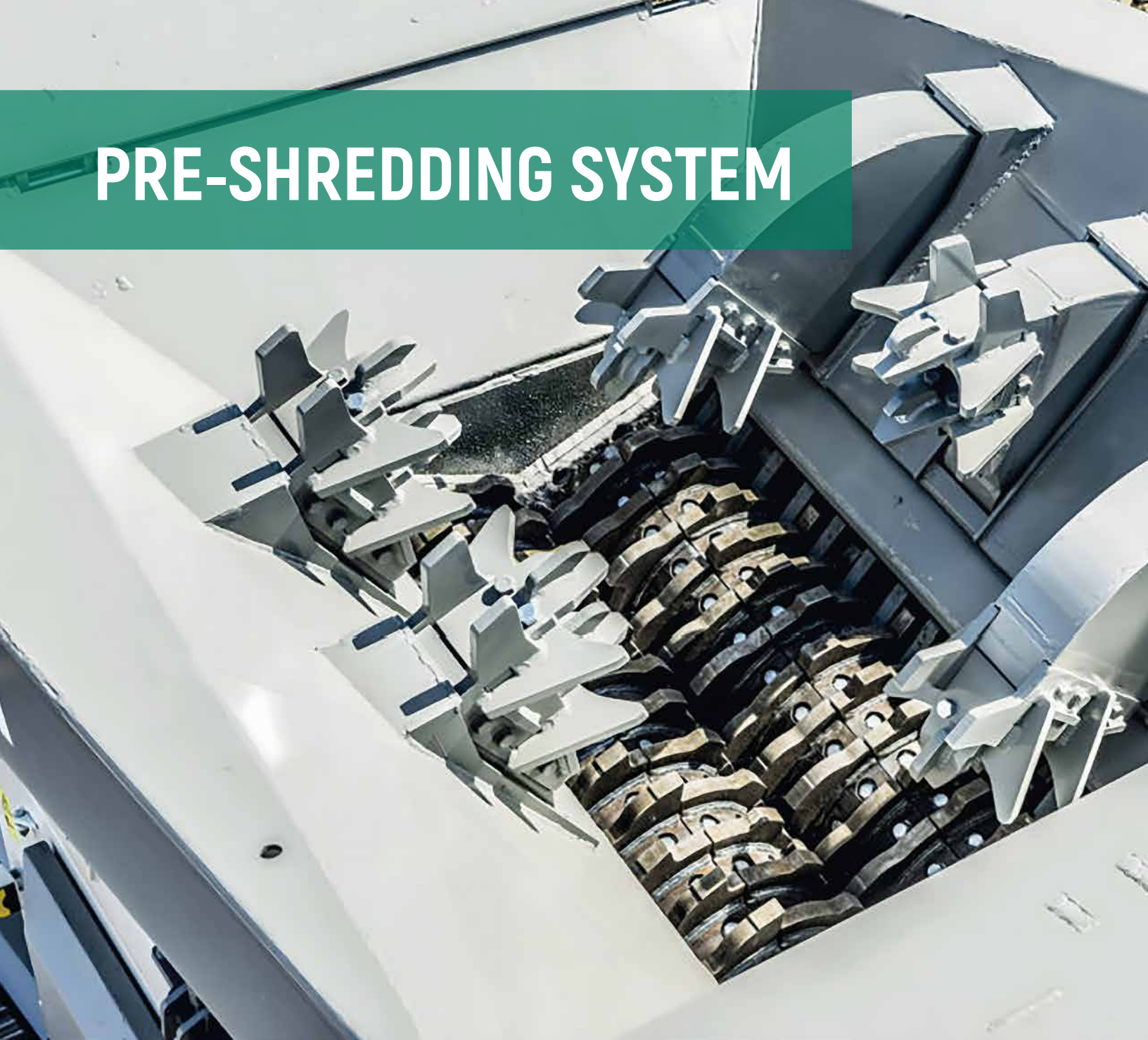


PRIMARY SHREDDERS - FTR RANGE



SECONDARY SHREDDERS - CTR RANGE

PRE-SHREDDING SYSTEM

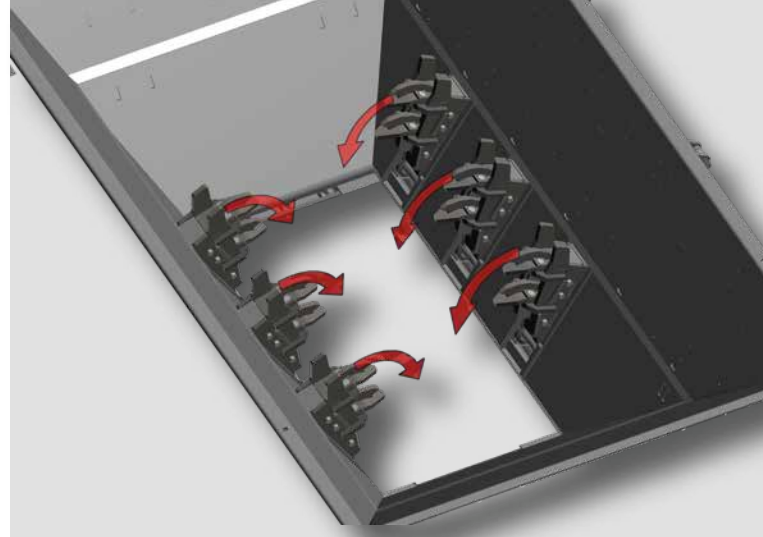
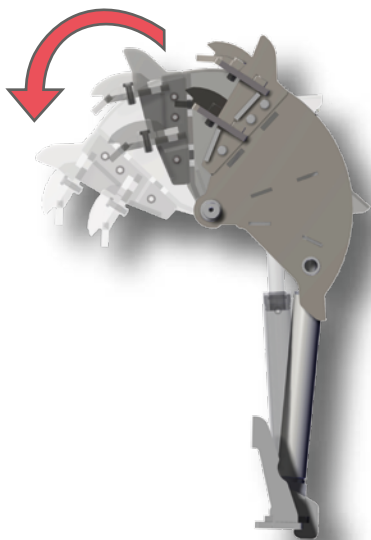


The patented CAMS hydraulic pusher system allows even the largest blocks to be loaded directly into the shredding unit.

The pushers keep coarser slabs and rubble firmly on the shafts of the shredder, making the action of the teeth easier.

The movement of the pushers can be adjusted according to the type of material to be processed, ensuring maximum efficiency.

The system is fully automated and can be controlled remotely.



PATENT

HYDRAULIC PUSHERS

The patented hydraulic pusher system guarantees the shredding of the coarsest materials, even in full-electric mode.

This fully automated technology pre-shreds the bulkiest blocks inside the feeding hopper, facilitating the action of the primary shredder.

PATENTED

CONTROL SYSTEM



PLC SOFTWARE

The PLC software developed by CAMS engineers allows remote control of the machine, automating the production process and making it simple and intuitive for the user.

The programme allows the recycling process to start automatically, while the activity of the entire plant is constantly monitored by the software.

TELEMETRY FEATURES

- Complete control over the mobile plant;
- Customisable functions;
- Component diagnostics and testing;
- Performance monitoring;
- Remote assistance and GPS;
- Electronic weighing system;
- Simple and intuitive human-machine interface.



INTEGRATED SOFTWARE

CAMS control software allows for continuously monitoring the operating conditions of the machine and its components, while choosing from a variety of settings, and setting key parameters that allow for a high degree of flexibility and customisation of operating modes.

Integrated interconnection systems allow for direct communication with the end customer's office and the transmission of important information such as shredder operating data, location and active alarms.



REMOTE CONTROL

With its 150 meters range, the wireless remote control allows the operator to move the machine in complete safety and to perform a wide variety of actions. The LCD monitor shows the machine's performance in real time.

HYBRID DRIVE TECHNOLOGY



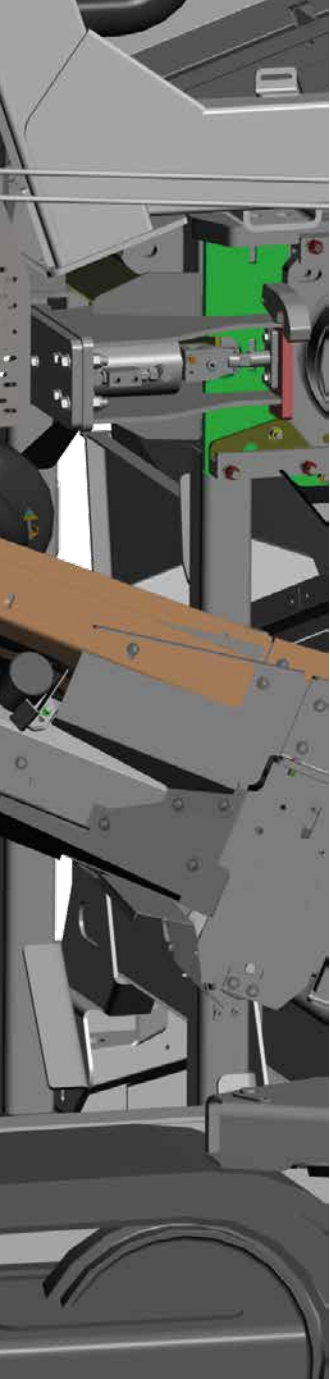
“GREEN” MACHINES

Two key words identify the CAMS shredder range: **Power** and **Sustainability**.

All CAMS mobile plants are equipped with a genset for powerful and efficient diesel-electric drive. The engine is coupled to an alternator to produce the electrical energy needed to run the whole machine, and to provide electrical power to other equipment.

In order to maximise the torque that can be delivered by the diesel engine and to ensure minimum fuel consumption, the genset operates in steady state at a speed of 1500 rpm.

All CAMS mobile machines can operate in “full electric”, bypassing the genset for zero CO₂ emissions.



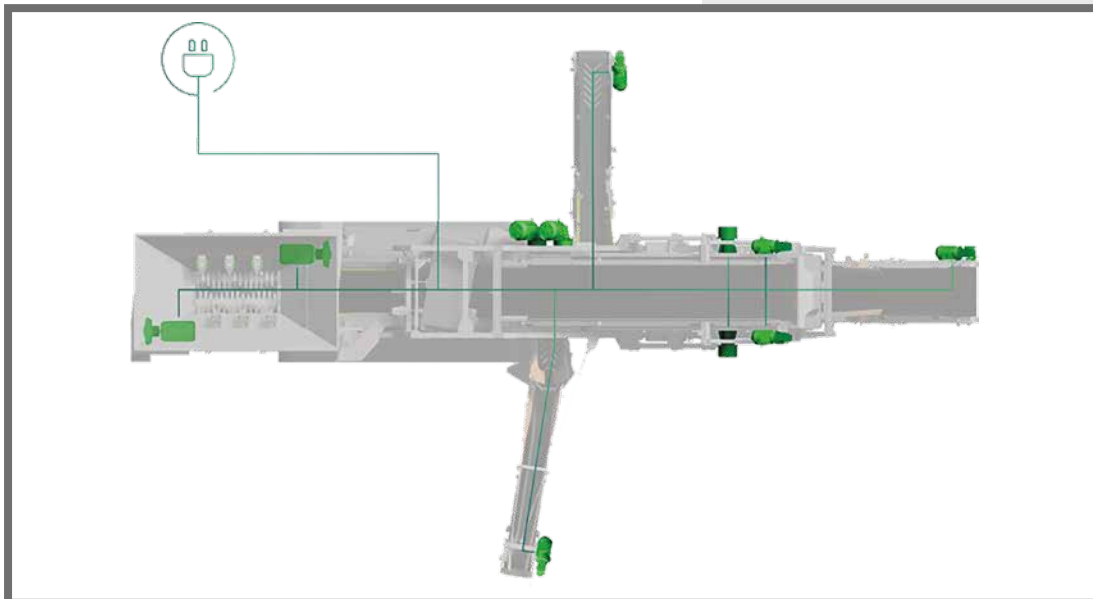
SUSTAINABILITY

CAMS technologies are designed to reduce environmental impact. Low dust emissions, reduced noise pollution, vibration isolation, and the possibility of switching the machine's power supply to the site's electrical net.

POWER SUPPLY

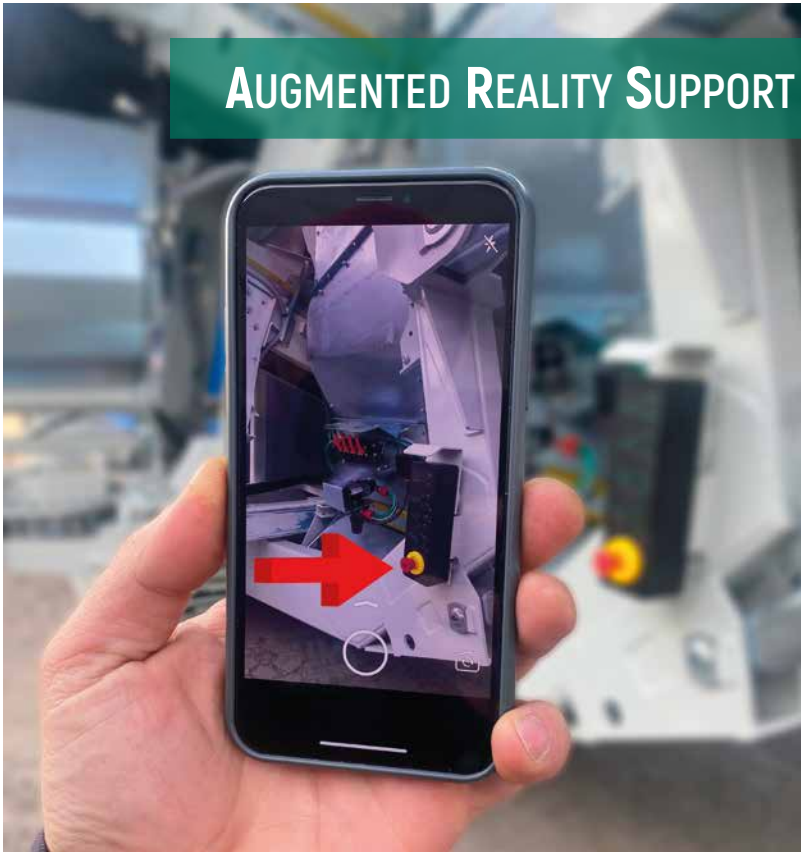
The FTR and CTR series models are characterised by an all-electric power supply.

The recycling process reduces the use of raw materials and eliminates CO₂ emissions.



AFTER SALES

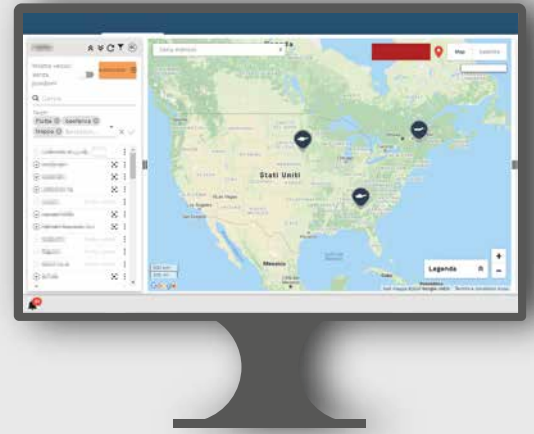
AUGMENTED REALITY SUPPORT



AUGMENTED REALITY ASSISTANCE

The ARS (Augmented Reality Support) system uses augmented reality technology to put you in direct contact with a CAMS specialist for immediate assistance.

Using the app on smartphones and tablets, diagnostics and troubleshooting can be performed in real time, reducing downtime and costs.

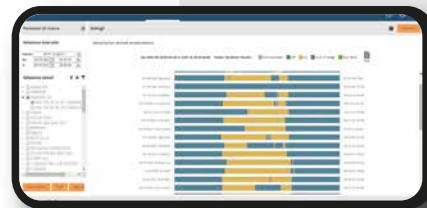


GPS

CAMS machines are equipped with a GPS tracking system that can be monitored from any device.

QUALITY MONITORING

- Production data;
- Online database;
- Hours of operation;
- Remote functions;
- Alarms and diagnostics.



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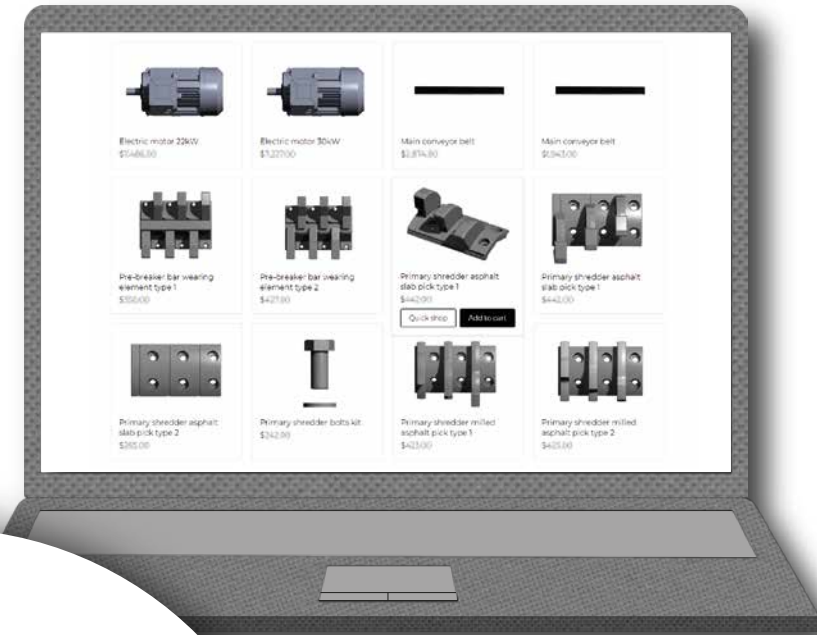


Brochure



Video

PARTS STORE



MS CARE

CAMS PARTS E-SHOP

CAMS new parts e-shop revolutionises the distribution of spare parts; whatever the need, you will have all supplies available directly on your PC.



CONNECTED



Reserved Area



News



SERIE

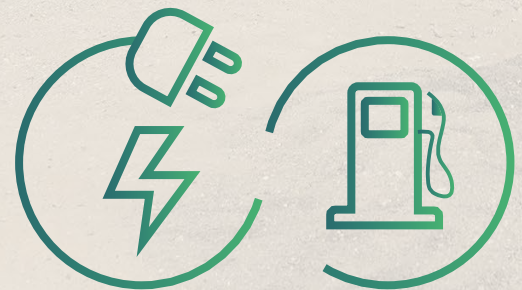
CENTAURO

FEATURES

- Automatic material handling programmes;
- Ability to handle wet materials;
- Single genset to power all components;
- Low fuel consumption;
- Designed for transport in compact size;
- High wear resistance;
- Ability to supply electricity to other equipment;
- Limited noise and dust emissions;
- Ability to recover 100% of the original bitumen content.

OPTIONAL

- Hydraulic hopper extensions;
- Hydraulic pushers;
- GPS;
- Electronic weighing system;
- Diesel filling pump;
- Automatic greasing system.



Hybrid Power Supply

The **CENTAURO** series can operate in fully electric mode, for **Zero CO₂** emissions (without Diesel engine)



CENTAURO 100.32



Hopper

Capacity: 3 m³
Length: 3.00 m
Width: 2.00 m

Screen

Type: CVV032
Deck surface: mm 3200 x 1000
Decks number: 2

Primary shredder

Range: FTR 1000
Feed opening : mm 1000 x 900

Hybrid Power Unit

Engine: CAT C4.4 Stage V 125 kW
Alternator: MeccAlte 165 kVA
Tank capacity: 170 l

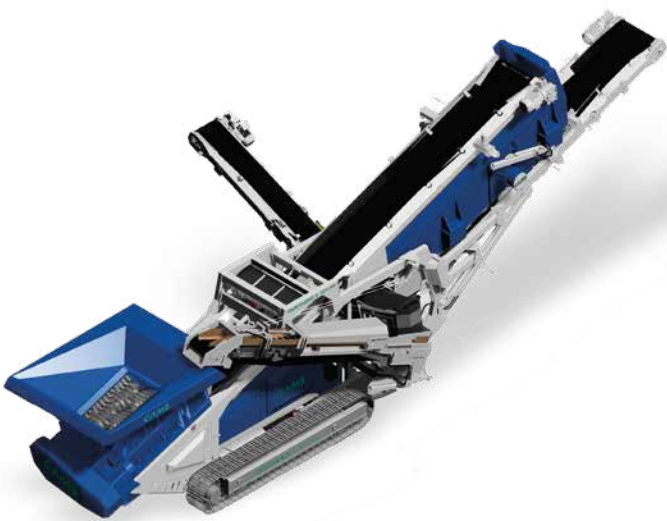
Output potential

120 t/h

Transport dimensions

Length: 11 m
Height: 3.10 m
Width: 2.50 m
Weight: 24'500 kg

CENTAURO L 120.56



Hopper

Capacity: 3.5 m³
Length: 2.50 m
Width: 2.30 m

Screen

Type: CVV056
Deck surface: mm 4300 x 1300
Decks number: 2

Primary shredder

Range: FTR 1200
Feed opening : mm 1200 x 900

Hybrid Power Unit

Engine: CAT C7.1 Stage V 225 kW
Alternator: MeccAlte 350 kVA
Tank capacity: 230 l

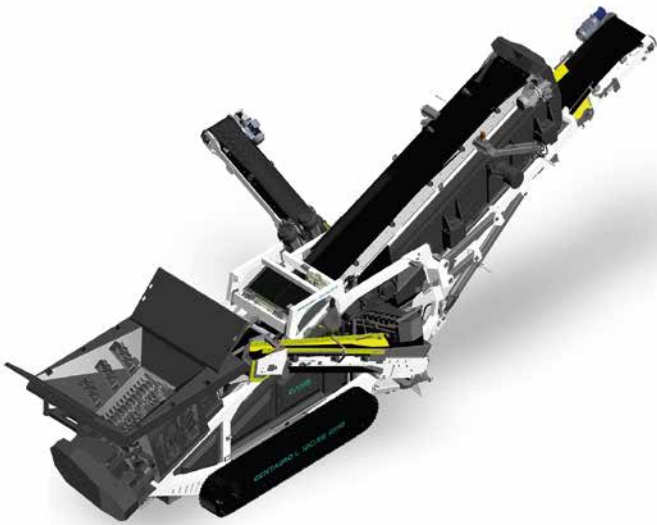
Output potential

180 t/h

Transport dimensions

Length: 13 m
Height: 3.10 m
Width: 2.50 m
Weight: 33'000 kg

CENTAURO L 120.56 APR



Hopper

Capacity: 3.50 m³
Length: 2.50 m
Width: 2.30 m

Screen

Type: CVV056
Deck surface: mm 4300 x 1300
Decks number: 2

Primary shredder

Range: FTR 1200
Feed opening: mm 1200 x 900

Hybrid Power Unit

Engine: CAT C9.3 Stage V 285 kW
Alternator: MeccAlte 400 kVA
Tank capacity: 230 l

Secondary shredder

Range: CTR 1200
Feed opening : mm 1200 x 900

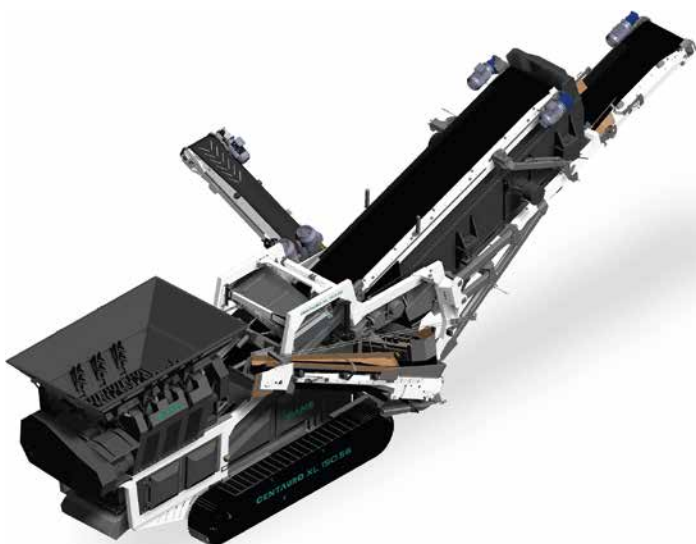
Transport dimensions

Length: 13 m
Height: 3.10 m
Width: 2.50 m
Weight: 36'100 kg

Output potential

180 t/h

CENTAURO XL 150.56



Hopper

Capacity: 3.80 m³
Length: 3.50 m
Width: 2.00 m

Screen

Type: CVV056
Deck surface: mm 4300 x 1300
Decks number: 2

Primary shredder

Range: FTR 1500
Feed opening: mm 1500 x 900

Hybrid Power Unit

Engine: CAT C9.3 Stage V 285 kW
Alternator: MeccAlte 400 kVA
Tank capacity: 230 l

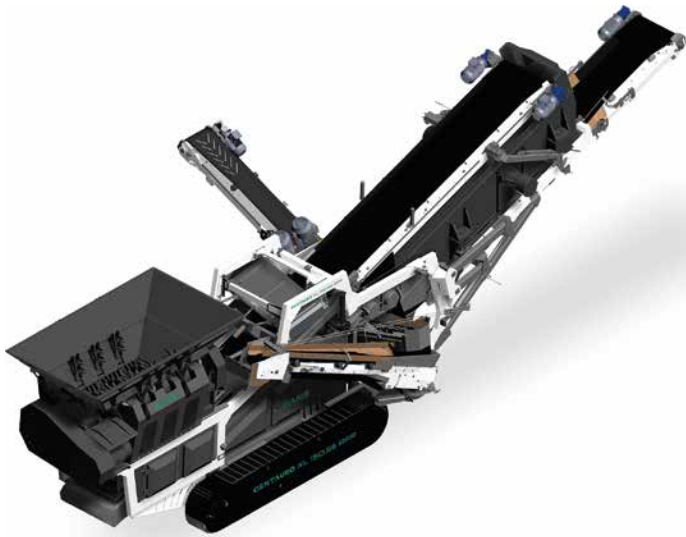
Output potential

200 t/h

Transport dimensions

Length: 13.65 m
Height: 3.40 m
Width: 2.55 m
Weight: 38'000 kg

CENTAURO XL 150.56 APR



Hopper

Capacity: 3.80 m³
Length: 3.50 m
Width: 2.00 m

Screen

Type: CVV056
Deck surface: mm 4300 x 1300
Decks number: 2

Primary shredder

Range: FTR 1500
Feed opening: mm 1500 x 900

Hybrid Power Unit

Engine: CAT C9.3 Stage V 285 kW
Alternator: MeccAlte 400 kVA
Tank capacity: 230 l

Secondary shredder

Range: CTR 1200
Feed opening: mm 1200 x 900

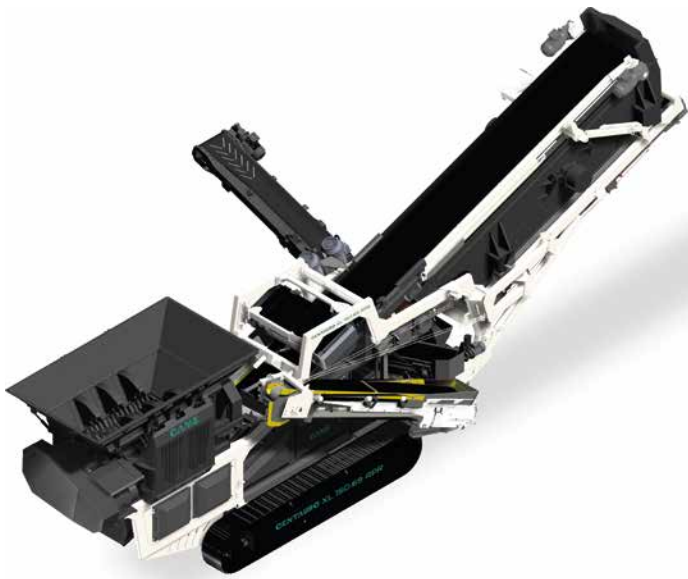
Transport dimensions

Length: 13.65 m
Height: 3.40 m
Width: 2.55 m
Weight: 42'000 kg

Output potential

200 t/h

CENTAURO XL 150.69 APR



Hopper

Capacity: 3.80 m³
Length: 3.50 m
Width: 2.00 m

Screen

Type: CVV069
Deck surface: mm 5300 x 1300
Decks number: 2

Primary shredder

Range: FTR 1500
Feed opening: mm 1500 x 900

Hybrid Power Unit

Engine: CAT C9.3 Stage V 285 kW
Alternator: MeccAlte 400 kVA
Tank capacity: 230 l

Secondary shredder

Range: CTR 1200
Feed opening: mm 1200 x 900

Transport dimensions

Length: 14 m
Height: 3.40 m
Width: 2.75 m
Weight: 42'000 kg

Output potential

250 t/h

AUTOMATIC SHREDDING ADJUSTMENT

ASA SYSTEM

The ASA sensor detects the level of material on the main conveyor of your CENTAURO.

Depending on the amount of material, the flow through the primary shredder is adjusted to the optimal amount.

Users can adjust the ASA sensor from PLC.

Maximum operational efficiency, automated.

PLC CONTROLLED ASA SYSTEM

Each CENTAURO is equipped with a PLC that controls the ASA system intuitively and effectively.

The user is able to select the threshold levels and activate the system to stop only one or both shafts depending on the amount of material on the main conveyor.



RANGE

UTM

FEATURES

- Automatic material handling programmes;
- Ability to handle wet materials;
- Low fuel consumption;
- Designed for transport in compact size;
- High wear resistance;
- Ability to supply electricity to other equipment;
- Limited noise and dust emissions.

OPTIONAL

- GPS;
- Hydraulic pushers;
- Electronic weighing system;
- Diesel filling pump;
- Automatic greasing system.



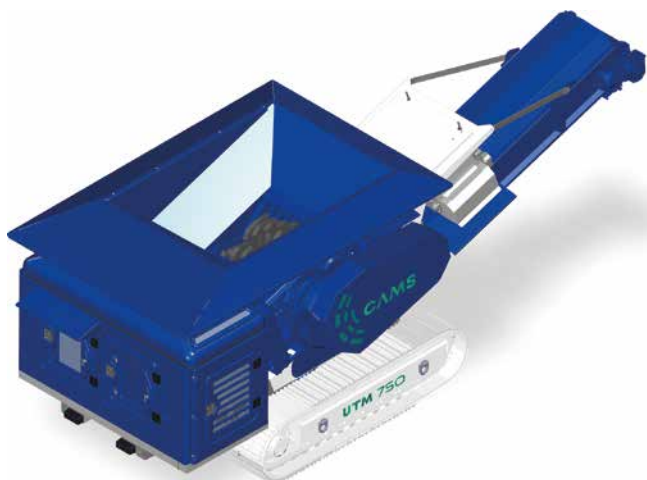


Hybrid Power Supply

The UTM series can operate in fully electric mode, for Zero CO₂ emissions (without Diesel engine)



UTM 750



Hopper

Capacity: 1.50 m³
Length: 2.30 m
Width: 1.70 m

Primary Conveyor

Width: 600 mm
Length: 5000 mm

Primary shredder

Range: FTR 750
Feed opening: mm 750 x 900

Hybrid Power Unit

Engine: FTP F36 Stage V 90 kW
Alternator: Linz 80 kVA
Tank capacity: 170 l

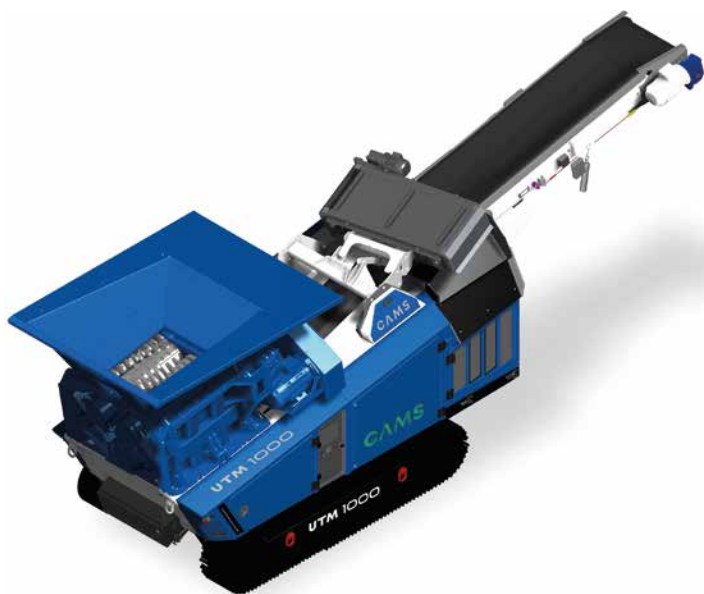
Output potential

80 t/h

Transport dimensions

Length: 7.00 m
Height: 2.50 m
Width: 2.50 m
Weight: 11'500 kg

UTM 1000



Hopper

Capacity: 3.00 m³
Length: 3.00 m
Width: 2.00 m

Primary Conveyor

Width: 800 mm
Length: 7000 mm

Primary shredder

Range: FTR 1000
Feed opening: mm 1000 x 900

Hybrid Power Unit

Engine: CAT C4.4 Stage V 125 kW
Alternator: MeccAlte 165 kVA
Tank capacity: 170 l

Output potential

120 t/h

Transport dimensions

Length: 6.70 m
Height: 3.00 m
Width: 2.55 m
Weight: 15'500 kg

UTM 1200



Hopper

Capacity: 3.50 m³
Length: 3.20 m
Width: 2.00 m

Primary Conveyor

Width: 800 mm
Length: 7000 mm

Primary shredder

Range: FTR 1200
Feed opening: mm 1200 x 900

Hybrid Power Unit

Engine: CAT C4.4 Stage V 125 kW
Alternator: MeccAlte 165 kVA
Tank capacity: 170 l

Transport dimensions

Length: 6.80 m
Height: 3.10 m
Width: 2.55 m
Weight: 17'500 kg

Output potential

150 t/h

UTM 1500



Hopper

Capacity: 3.80 m³
Length: 3.50 m
Width: 2.00 m

Primary Conveyor

Width: 800 mm
Length: 8000 mm

Primary shredder

Range: FTR 1500
Feed opening: mm 1500 x 900

Hybrid Power Unit

Engine: CAT C7.1 Stage V 200 kW
Alternator: MeccAlte 350 kVA
Tank capacity: 170 l

Transport dimensions

Length: 10.55 m
Height: 3.10 m
Width: 2.50 m
Weight: 23'000 kg

Output potential

200 t/h



UTS 1500

RANGE

UTS

FEATURES

- Automatic material handling programmes;
- Ability to handle wet materials;
- Designed for transport in compact size;
- High wear resistance;
- Power supply;
- Limited noise and dust emissions.

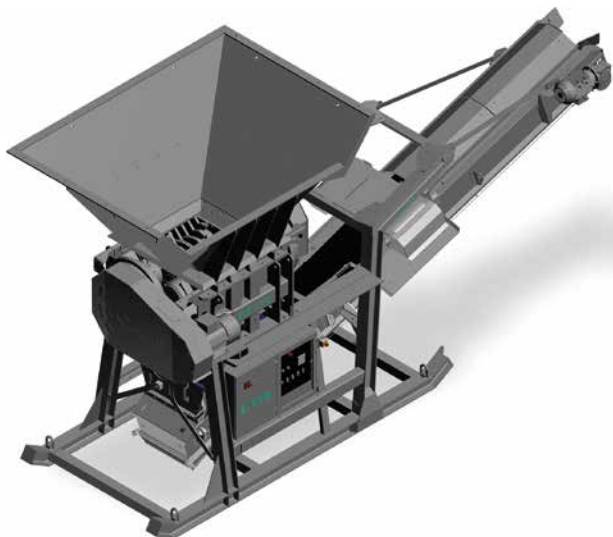
OPTIONAL

- GPS;
- Hydraulic pushers;
- Electronic weighing system;
- Automatic greasing system.



Full - Electric

UTS 750



Hopper

Capacity: 1.50 m³
Length: 2.30 m
Width: 1.70 m

Primary conveyor

Width: 600 mm
Length: 5000 mm

Shredder

Range: FTR 750
Feed opening: mm 750 x 900

Power supply

Power: 30 kW

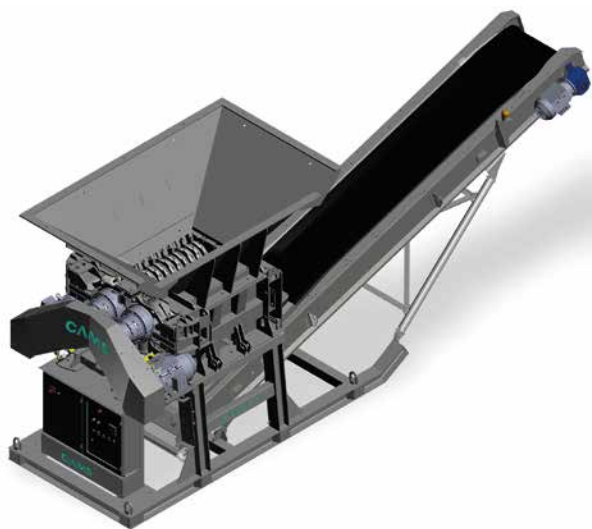
Transport dimensions

Length: 7.00 m
Height: 2.50 m
Width: 2.50 m
Weight: 11'000 kg

Output potential

80 t/h

UTS 1000



Hopper

Capacity: 3.00 m³
Length: 3.00 m
Width: 2.00 m

Primary conveyor

Width: 800 mm
Length: 8000 mm

Shredder

Range: FTR 1000
Feed opening: mm 1000 x 900

Power supply

Power: 45 kW

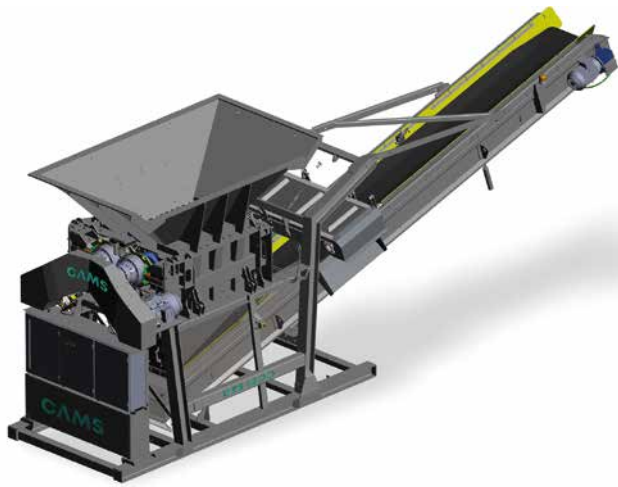
Transport dimensions

Length: 8.70 m
Height: 3.10m
Width: 2.50 m
Weight: 13'000 kg

Output potential

120 t/h

UTS 1200



Hopper

Capacity: 3.50 m³
Length: 3.20 m
Width: 2.00 m

Primary conveyor

Width: 800 mm
Length: 8000 mm

Shredder

Range: FTR 1200
Feed opening: mm 1200 x 900

Power supply

Power: 50 kW

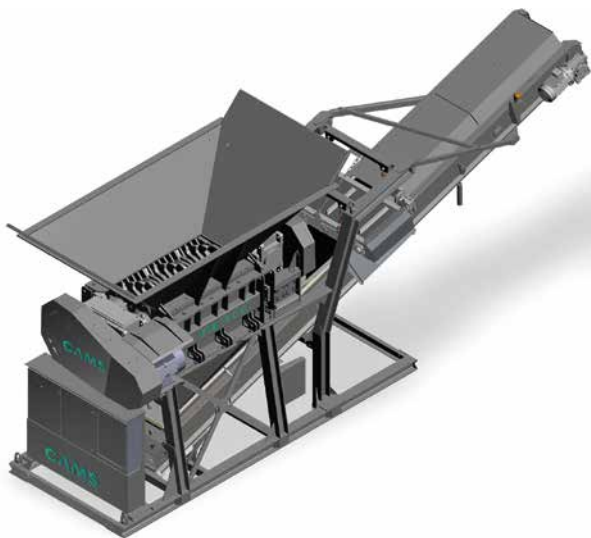
Transport dimensions

Length: 8.90 m
Height: 3.10 m
Width: 2.50 m
Weight: 15'000 kg

Output potential

150 t/h

UTS 1500



Hopper

Capacity: 3.80 m³
Length: 3.50 m
Width: 2.00 m

Primary conveyor

Width: 800 mm
Length: 8000 mm

Shredder

Range: FTR 1500
Feed opening: mm 1500 x 900

Power supply

Power: 70 kW

Transport dimensions

Length: 9.30 m
Height: 3.10 m
Width: 2.50 m
Weight: 16'000 kg

Output potential

200 t/h

RANGE

UCS

FEATURES

- Automatic material handling programmes;
- Ability to handle wet materials;
- Designed for transport in compact size;
- High wear resistance;
- Limited noise and dust emissions;
- Ability to recycle 100% of asphalt.

OPTIONAL

- GPS;
- Electronic weighing system;
- Automatic greasing system;
- Magnetic separator.



Full - Electric



UCS1200



Secondary shredder

Range: CTR 1200

Feed opening: mm 1200 x 900

Power supply

Power: 50 kW

Conveyor

Width: 600 mm

Length: 8000 mm

Transport dimensions

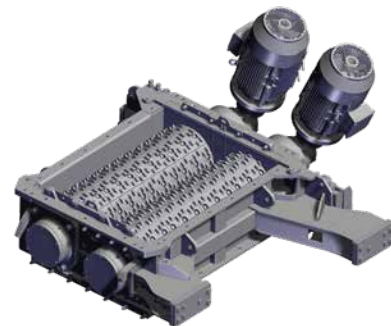
Length: 8.20 m

Height: 3.10 m

Width: 1.90 m

Weight: 5'500 kg

CTR1200



Secondary shredder

Range: CTR 1200

Feed opening: mm 1200 x 900

Output potential

120 t/h

Power supply

Power: 45 kW



CAMS

RANGE

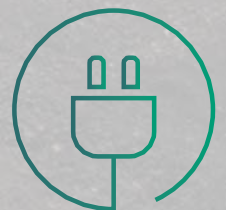
UVS

FEATURES

- Ability to handle wet materials;
- Designed for transport in compact size;
- High wear resistance;
- Limited noise and dust emissions;
- Ability to recycle 100% of asphalt.

OPTIONAL

- Feeding Hopper;
- GPS;
- Electronic weighing system;
- Automatic greasing system.



Full - Electric

UVS 25/2



Screen

Type: CVW025
Deck surface: mm 1000 x 2500
Decks number: 2

Oversize conveyor

Width: 450 mm
Length: 5600 mm

Midsized conveyor

Width: 450 mm
Length: 5600 mm

Finesize conveyor

Width: 900 mm
Length: 5600 mm

Working dimensions

Length: 7.30 m
Height: 2.65 m
Width: 10 m
Weight: 4'500 kg

Power supply

Power: 25 kW

UVS 36/2



Screen

Type: CVW036
Deck surface: mm 1200 x 3000
Decks number: 2

Oversize conveyor

Width: 500 mm
Length: 6500 mm

Midsized conveyor

Width: 500 mm
Length: 6500 mm

Finesize conveyor

Width: 1000 mm
Length: 6500 mm

Working dimensions

Length: 9 m
Height: 3.10 m
Width: 12 m
Weight: 6'200 kg

Power supply

Power: 25 kW

UVS 42



Screen

Type: CVW042
Deck surface: mm 1200 x 3500
Decks number: 2

Oversize conveyor

Width: 800 mm
Length: 8000 mm

Midsized conveyor

Width: 500 mm
Length: 8000 mm

Finesize conveyor

Width: 800 mm
Length: 8000 mm

Working dimensions

Length: 12 m
Height: 4.20 m
Width: 12 m
Weight: 12'350 kg

Power supply

Power: 32 kW

UVS 56



Screen

Type: CVW056
Deck surface: mm 1300 x 4300
Decks number: 2

Oversize conveyor

Width: 800 mm
Length: 8000 mm

Midsized conveyor

Width: 800 mm
Length: 8000 mm

Finesize conveyor

Width: 800 mm
Length: 8000 mm

Working dimensions

Length: 14.7 m
Height: 4.20 m
Width: 14.5 m
Weight: 12'450 kg

Power supply

Power: 40 kW

RANGE

FTR

FEATURES

- Automatic material handling programmes;
- Ability to handle wet materials;
- Designed for transport in compact size;
- High wear resistance;
- Limited noise and dust emissions.

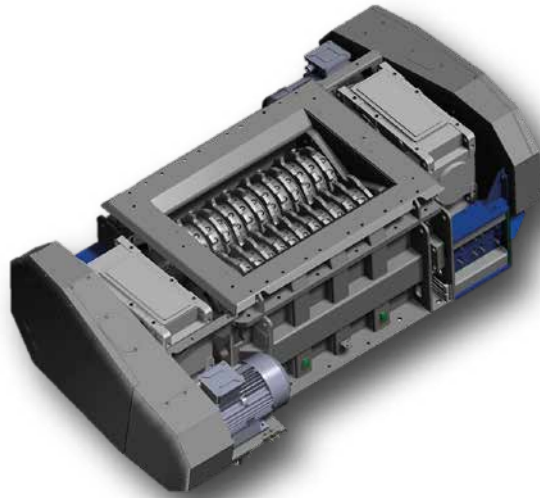
OPTIONAL

- Hydraulic pushers;
- GPS;
- Automatic greasing system.



Full - Electric





FTR 750

Transport dimensions

Length: 2.50 m

Width: 2.50 m

Height: 1.10 m

Output potential

80 t/h

FTR 1000

Transport dimensions

Length: 3.30 m

Width: 2.50 m

Height: 1.10 m

Output potential

120 t/h

FTR 1200

Transport dimensions

Length: 3.60 m

Width: 2.50 m

Height: 1.10 m

Output potential

150 t/h

FTR 1500

Transport dimensions

Length: 3.90 m

Width: 2.50 m

Height: 1.10 m

Output potential

200 t/h



DUST SUPPRESSION CANNON

**Range**

30 m

Surface reached

2850 m²

Horizontal rotation

0° - 350°

Inclination

0° - 70°

Number of nozzles

n. 18



Internal trolley

For collecting lightweight materials with emptying wheels

Airflow

8000 m³/h

Static head

225 mmCA

Electric power supply

Power: 7.5 kW

Box dimensions

Length: 2.10 m

Height: 2.20 m

Width: 1.35 m

Weight: 150 kg

AERAILIC SEPARATOR







canssrl.it

GIMS

GIMS

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CAMS

IL FUTURO È VERDE



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