



CAMS

IL FUTURO È VERDE

COMPANY & PRODUCT PROFILE



CAMS

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CAMS

From demolition to recycling

**“Recycling means
giving new life to materials.”**

CAMS is specialized in the design and construction of machines and plants for crushing, shredding and screening of inert materials, rubble, asphalt, glass and other production waste, converting them into resources useful for new production cycles.



The foundations of shredding excellence

Since 2001, with the acquisition of the TEM brand (active since 1964), **CAMS** develops stationary, mobile and transportable plants for the recycling industry.

The expertise gained on hundreds of projects has made the company a reference point both in Italy and worldwide, relying on its network of qualified professionals and distributors.



Mission

Designing technologies to improve the efficiency of the recycling process and drastically reduce waste, promoting a circular economy.

MISSION AND VALUES: OUR FOCUS ON RECYCLING



Values

Seriousness and competence:
from advice in pre-sale to after-sales.

Research and continuous innovation:
focus on energy consumption, low emissions and modularity.

Care for the environment:
hybrid/electric power, hydraulic pushers, reduced dust and noise.

Global presence:
fast and qualified international assistance.



“Every scrap recycled is a step towards a cleaner planet.”



HYBRID SHREDDING TECHNOLOGIES AND INTEGRATED SOFTWARE



Shredding

High productivity, low environmental impact

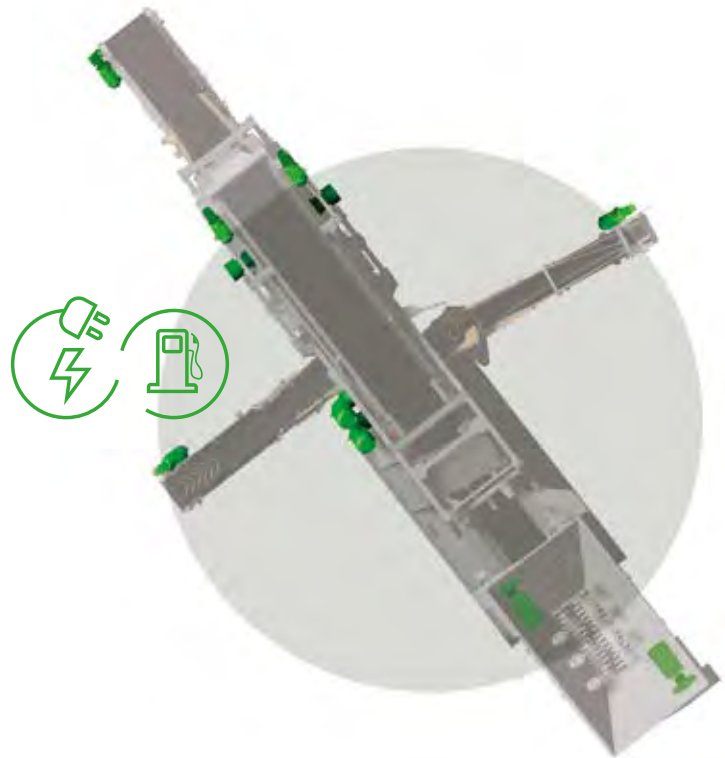
The CAMS shredders operate at low speed, taking advantage of the shear stress:

- **Lowest fuel consumption and wear**
- **Containment of dust and noise emissions**
- Patented hydraulic fingers for easy handling of large size material

Power supply

Hybrid/electric power and emission reduction

- Diesel engines at steady state (1500 rpm) and electric generators
- **Full-electric** mode on site, no CO₂ emissions
- Reduced operating costs and compliance with the strictest environmental regulations

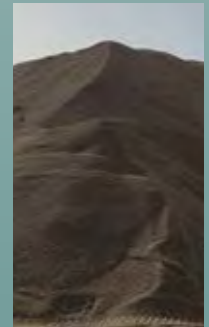


PLC

PLC and telemetry: monitoring and rapid intervention

- **PLC software** developed in-house
- Automated start-up and real-time diagnostics
- **Remote control** and GPS for timely assistance and custom settings

CAMS



Product range:
shredding, screening
and complementary
technologies



FTR RANGE



PRIMARY SHREDDERS

**“A CLEAN
BREAK TO
WASTE: LESS
VOLUME, MORE
EFFICIENCY.”**

- Electric drive
- Teeth in special alloys for high performance and long service life
- Low rotation speed to reduce wear, dust and noise
- Optional: hydraulic fingers for large size material feeding



FEET

FTR



750

Output potential

80 t/h (88.2 US tons/hour)

Transport dimensions

Length: 2,50 m (98.43")

Width: 2,50 m (98.43")

Height: 1,10 m (43.31")

1000

Output potential

120 t/h (132.3 US tons/hour)

Transport dimensions

Length: 2,75 m (108.27")

Width: 2,50 m (98.43")

Height: 1,10 m (43.31")

1200

Output potential

150 t/h (165.4 US tons/hour)

Transport dimensions

Length: 3,80 m (149.61")

Width: 2,50 m (98.43")

Height: 1,10 m (43.31")

1500

Output potential

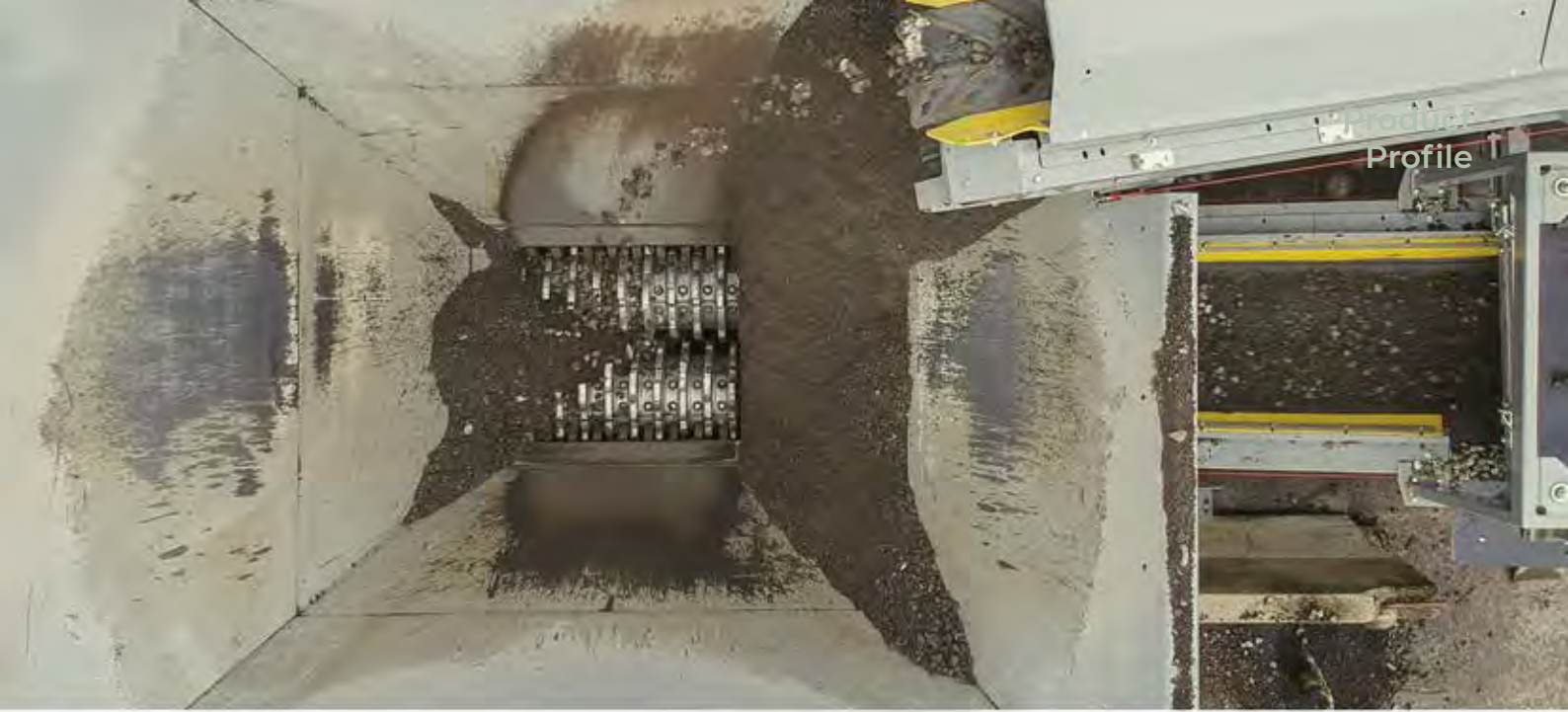
200 t/h (220.5 US tons/hour)

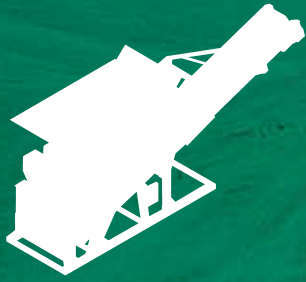
Transport dimensions

Length: 3,90 m (153.54")

Width: 2,50 m (98.43")

Height: 1,10 m (43.31")





UTS RANGE



PORTABLE SHREDDING PLANTS

**“ALWAYS READY TO GO:
TRANSPORT, INSTALL
AND RECYCLE.”**

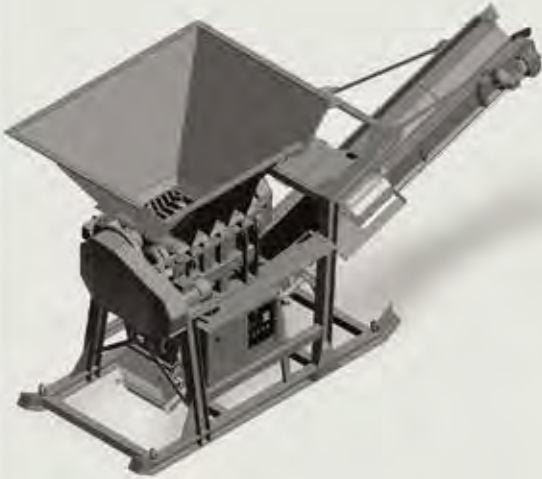
- FTR shredders on a portable frame
- Full electric drive
- Large feeding hopper, overband magnet and hydraulic output size adjustment
- Maximum versatility





U F S

UTS 750



Hopper

Capacity: 1,50 m³ (52.97 cubic feet)
Length: 2,30 m (90.55")
Width: 1,70 m (66.93")

Shredder

Range: FTR 750
Feed opening: mm 750 x 900
(29.53" x 35.43")

Output potential

80 t/h (88.2 US tons/hour)

Primary conveyor

Width: 600 mm (23.62")
Length: 5000 mm (196.85")

Power supply

Output potential: 30 kW

Transport dimensions

Length: 7,00 m (275.59")
Height: 3,10 m (122.05")
Width: 2,50 m (98.43")
Weight: 11'000 kg (24,251 lbs.)

UTS 1000



Hopper

Capacity: 3,00 m³ (105.94 cubic feet)
Length: 3,00 m (118.11")
Width: 2,00 m (78.74")

Shredder

Range: FTR 1000
Feed opening: mm 1000 x 900
(39.37" x 35.43")

Output potential

120 t/h (132.3 US tons/hour)

Primary conveyor

Width: 800 mm (31.5")
Length: 8000 mm (314.96")

Power supply

Output potential: 45 kW

Transport dimensions

Length: 8,70 m (342.52")
Height: 3,10 m (122.05")
Width: 2,50 m (98.43")
Weight: 12'000 kg (26,455 lbs.)

UTS 1200



Hopper

Capacity: 3,50 m³ (123.6 cubic feet)
Length: 3,20 m (125.98")
Width: 2,00 m (78.74")

Shredder

Range: FTR 1200
Feed opening: mm 1200 x 900
(47.24" x 35.43")

Output potential

150 t/h (165.3 US tons/hour)

Primary conveyor

Width: 800 mm (31.5")
Length: 8000 mm (314.96")

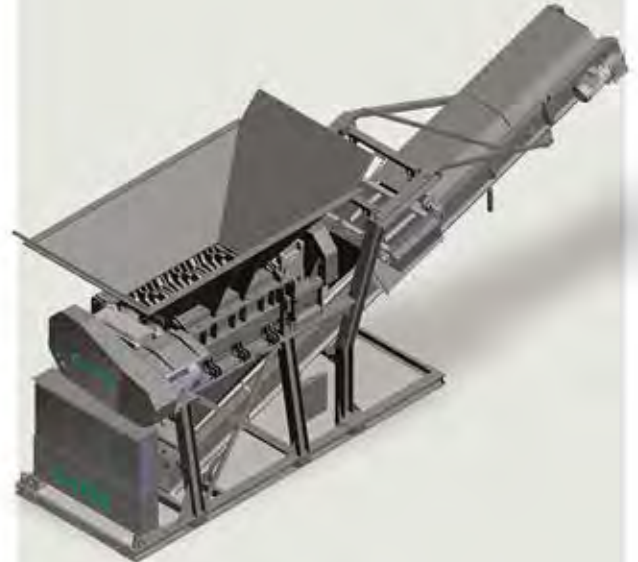
Power supply

Output potential: 50 kW

Transport dimensions

Length: 8,90 m (350.39")
Height: 3,10 m (122.05")
Width: 2,50 m (98.43")
Weight: 13'400 kg (29,542 lbs.)

UTS 1500



Hopper

Capacity: 3,80 m³ (134.2 cubic feet)
Length: 3,50 m (137.8")
Width: 2,00 m (78.74")

Shredder

Range: FTR 1500
Feed opening: mm 1500 x 900
(59.06" x 35.43")

Output potential

200 t/h (220.5 US tons/hour)

Primary conveyor

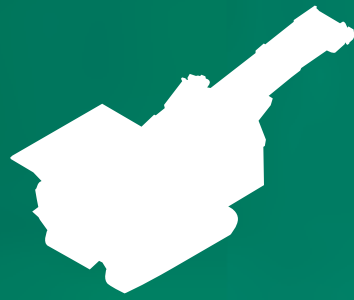
Width: 800 mm (31.5")
Length: 8000 mm (314.96")

Power supply

Output potential: 70 kW

Transport dimensions

Length: 9,30 m (366.14")
Height: 3,10 m (122.05")
Width: 2,50 m (98.43")
Weight: 17'300 kg (38,140 lbs.)



UTM RANGE



HYBRID/ELECTRIC MOBILE SHREDDERS

**“CONSTRUCTION SITE
WITHOUT BORDERS:
YOUR SHREDDER
TRAVELS WITH YOU.”**

- Evolution of the UTS range, with diesel engine, tracks and integrated generator
- Possibility of working in hybrid or fully electric mode
- Ready to work as soon as it gets on site





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UTM 750



Hopper

Capacity: 1,50 m³ (81.22 cubic feet)
Length: 2,30 m (90.55")
Width: 1,70 m (66.93")

Primary shredder

Range: FTR 750
Feed opening: mm 750 x 900
(29.53" x 35.43")

Output potential

80 t/h (88.2 US tons/hour)

Primary conveyor

Width: 600 mm (23.62")
Length: 5000 mm (196.85")

Hybrid power unit

Engine: FTP F36 Stage V 80 kW
Alternator: Linz 80 kVA
Tank capacity: 170 L (44.91 gallons)

Transport dimensions

Length: 7,00 m (275.59")
Height: 2,50 m (98.43")
Width: 2,50 m (98.43")
Weight: 11'500 kg (25,353 lbs.)

UTM 1000



Hopper

Capacity: 3,00 m³ (105.94 cubic feet)
Length: 3,00 m (118.11")
Width: 2,00 m (78.74")

Primary shredder

Range: FTR 1000
Feed opening: mm 1000 x 900
(39.37" x 35.43")

Output potential

120 t/h (132.3 US tons/hour)

Primary conveyor

Width: 800 mm (31.5")
Length: 7000 mm (275.59")

Hybrid power unit

Engine: CAT C4.4 Stage V 125 kW
Alternator: MeccAlte 165 kVA
Tank capacity: 170 L (44.91 gallons)

Transport dimensions

Length: 8,50 m (334.65")
Height: 3,10 m (122.05")
Width: 2,50 m (98.43")
Weight: 16'500 kg (36,376 lbs.)

UTM 1200



Hopper

Capacity: 3,50 m³ (123.6 cubic feet)
 Length: 3,20 m (125.98")
 Width: 2,00 m (78.74")

Primary shredder

Range: FTR 1200
 Feed opening: mm 1200 x 900
 (47.24" x 35.43")

Output potential

150 t/h (165.3 US tons/hour)

Primary conveyor

Width: 800 mm (31.5")
 Length: 7000 mm (275.59")

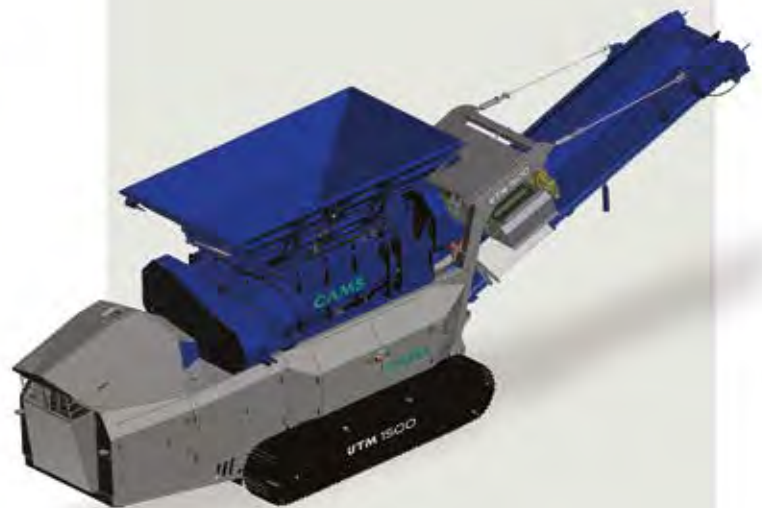
Hybrid power unit

Engine: CAT C4.4 Stage V 125 kW
 Alternator: MeccAlte 165 kVA
 Tank capacity: 170 L (44.91 gallons)

Transport dimensions

Length: 8,70 m (342.52")
 Height: 3,10 m (122.05")
 Width: 2,50 m (98.43")
 Weight: 17'500 kg (38,581 lbs.)

UTM 1500



Hopper

Capacity: 3,80 m³ (134.2 cubic feet)
 Length: 3,50 m (137.8")
 Width: 2,00 m (78.74")

Primary shredder

Range: FTR 1500
 Feed opening: mm 1500 x 900
 (59.06" x 35.43")

Output potential

250 t/h (275.6 US tons/hour)

Primary conveyor

Width: 800 mm (31.5")
 Length: 8000 mm (314.96")

Hybrid power unit

Engine: CAT C7.1 Stage V 198 kW
 Alternator: Marelli 350 kVA
 Tank capacity: 170 L (44.91 gallons)

Transport dimensions

Length: 10,60 m (417.32")
 Height: 3,10 m (122.05")
 Width: 2,50 m (98.43")
 Weight: 25'500 kg (56,218 lbs.)



UVS RANGE



HIGH EFFICIENCY TRANSPORTABLE SCREENS

**“SEPARATES
FRACTIONS,
MAXIMIZES
RECOVERY.”**

- Configurations with 1 or 2 decks (2-3 selections)
- Full electric power supply and easy maintenance
- Perfect in combination with the UTS, UTM and FTR ranges



U
V
S

UVS 25/2



Screen

Type: CVV025

Deck surface: mm 1000 x 2500
(39.37" x 98.43")

Decks number: 2

Oversize conveyor

Width: 450 mm (17.72")

Length: 5600 mm (220.47")

Midsized conveyor

Width: 450 mm (17.72")

Length: 5600 mm (220.47")

Finesize conveyor

Width: 900 mm (35.43")

Length: 5600 mm (220.47")

Power supply

15 Kw

Plant dimensions

Length: 15,00 m (590.55")

Height: 2,50 m (98.43")

Width: 10,00 m (393.7")

Weight: 5'950 kg (13,118 lbs.)

UVS 36



Screen

Type: CVV036

Deck surface: mm 1200 x 3000
(47.24" x 118.11")

Decks number: 2

Oversize conveyor

Width: 500 mm (19.69")

Length: 6500 mm (255.91")

Midsized conveyor

Width: 500 mm (19.69")

Length: 6500 mm (255.91")

Finesize conveyor

Width: 1000 mm (39.37")

Length: 6500 mm (255.91")

Power supply

25 Kw

Plant dimensions

Length: 9,00 m (354.33")

Height: 3,10 m (122.05")

Width: 12,00 m (472.44")

Weight: 5'950 kg (13,118 lbs.)

UVS 42



Screen

Type: CVV042
 Deck surface: mm 1200 x 3500
 (47.24" x 137.8")
 Decks number: 2

Oversize conveyor Width:
 800 mm (31.5")
 Length: 8000 mm (314.96")

Midsize conveyor Width:
 500 mm (19.69")
 Length: 8000 mm (314.96")

Finesize conveyor
 Width: 800 mm (31.5")
 Length: 8000 mm (314.96")

Power supply
 32 Kw

Plant dimensions
 Length: 12,00 m (472.44")
 Height: 4,20 m (165.35")
 Width: 12,00 m (472.44")
 Weight: 12'350 kg (27,227 lbs.)

UVS 56



Screen

Type: CVV056
 Deck surface: mm 1300 x 4300
 (51.18" x 169.29")
 Decks number: 2

Oversize conveyor
 Width: 800 mm (31.5")
 Length: 8000 mm (314.96")

Midsize conveyor Width:
 800 mm (31.5")
 Length: 8000 mm (314.96")

Finesize conveyor
 Width: 800 mm (31.5")
 Length: 8000 mm (314.96")

Power supply
 40 Kw

Plant dimensions
 Length: 14,7 m (578.74")
 Height: 4,20 m (165.35")
 Width: 14,50 m (570.87")
 Weight: 12'450 kg (27,448 lbs.)



CENTAURO RANGE



SHREDDER AND SCREEN IN ONE PLANT

**“THE EFFICIENCY OF
TWO MACHINES, WITH
ONLY ONE ENGINE.”**

- Combines UTM (shredder) and UVS (screen)
- Hybrid/electric mobile integrated plant
- Quick installation, high productivity and low consumption
- Possibility to add CTR secondary shredder (CENTAURO APR)



CE NT AU RO



CENTAURO 75.25



Hopper

Capacity: 1,60 m³ (56.5 cubic feet)
 Length: 2,80 m (110.24")
 Width: 2,00 m (78.74")

Primary shredder

Range: FTR 750
 Feed opening: mm 750 x 900
 (29.53" x 35.43")

Output potential

100 t/h (110.2 US tons/hour)

Screen

Type: CVV025
 Decks number: 1

Hybrid power unit

Engine: Diesel FPT F36 105 kW
 Alternator: MeccAlte 165 kVA

Transport dimensions

Length: 10 m (393.7")
 Height: 3,10 m (122.05")
 Width: 2,35 m (92.52")
 Weight: 15'000 kg (33,069 lbs.)

CENTAURO 100.32



Hopper

Capacity: 3m³ (105.9 cubic feet)
 Length: 3,00m (118.11")
 Width: 2,00 m (78.74")

Primary shredder

Range: FTR 1000
 Feed opening: mm 1000 x 900
 (39.37" x 35.43")

Output potential

120 t/h (132.3 US tons/hour)

Screen

Type: CVV032
 Deck surface: mm 3200 x 1000
 (125.98" x 39.37")
 Decks number: 2

Hybrid power unit

Engine: CAT C4.4 Stage V 125 kW
 Alternator: MeccAlte 165 kVA
 Tank capacity: 170 L (44.91 gallons)

Transport dimensions

Length: 11 m (433.07")
 Height: 3,10 m (122.05")
 Width: 2,50 m (98.43")
 Weight: 23'500 kg (51,809 lbs.)

 **CENTAURO^L120.56**



Hopper

Capacity: 3,50 m³ (123.6 cubic feet)
 Length: 2,50 m (98.43")
 Width: 2,30 m (90.55")

Primary shredder

Range: FTR 1200
 Feed opening: mm 1200 x 900
 (47.24" x 35.43")

Output potential

180 t/h (198.4 US tons/hour)

Screen

Type: CVV056
 Deck surface: mm 4300 x 1300
 (169.29" x 51.18")
 Decks number: 2

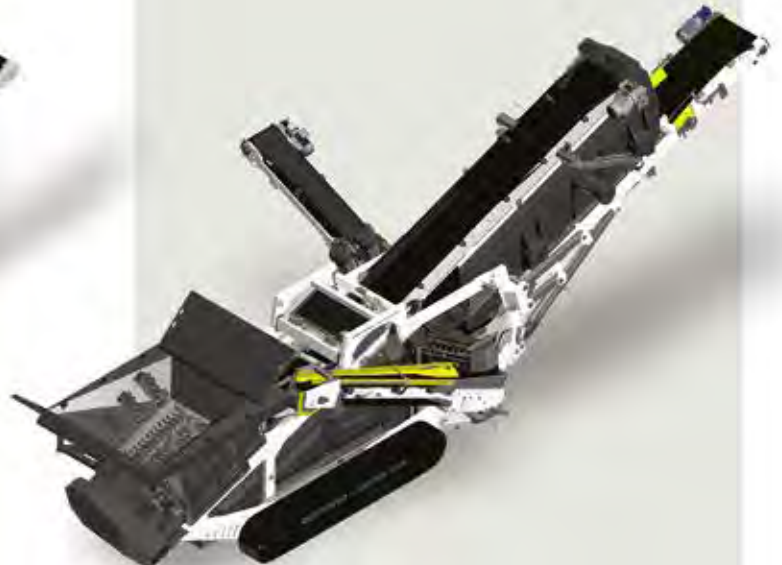
Hybrid power unit

Engine: CAT C7.1 Stage V 198 kW
 Alternator: Marelli 350 kVA
 Tank capacity: 230 L (60.76 gallons)

Transport dimensions

Length: 13 m (511.81")
 Height: 3,10 m (122.05")
 Width: 2,50 m (98.43")
 Weight: 32'000 kg (70,548 lbs.)

 **CENTAURO^L120.56 APR**



Hopper

Capacity: 3,50 m³ (123.6 cubic feet)
 Length: 2,50 m (98.43")
 Width: 2,30 m (90.55")

Primary shredder

Range: FTR 1200
 Feed opening: mm 1200 x 900
 (47.24" x 35.43")

Secondary shredder

Range: CTR 1200
 Feed opening: mm 1200 x 900
 (47.24" x 35.43")

Output potential

180 t/h (198.4 US tons/hour)

Screen

Type: CVV056
 Deck surface: mm 4300 x 1300
 (169.29" x 51.18")
 Decks number: 2

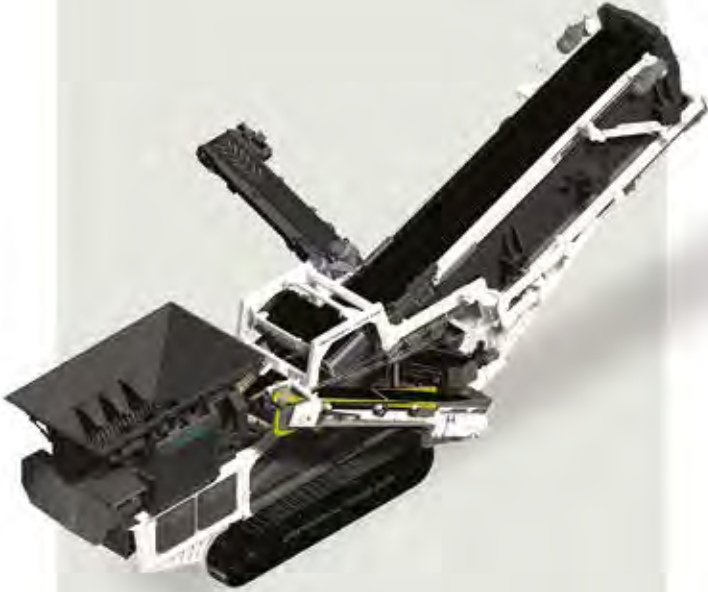
Hybrid power unit

Engine: CAT C9.3 285 kW
 Alternator: MeccAlte 400 kVA
 Tank capacity: 230 L (60.76 gallons)

Transport dimensions

Length: 13 m (511.81")
 Height: 3,10 m (122.05")
 Width: 2,50 m (98.43")
 Weight: 36'300 kg (80,028 lbs.)

CENTAURO XL 150.69 APR



Hopper

Capacity: 3,80 m³ (134.2 cubic feet)
Length: 3,50 m (137.8")
Width: 2,00 m (78.74")

Primary shredder

Range: FTR 1500
Feed opening: mm 1500 x 900
(59.06" x 35.43")

Secondary shredder

Range: CTR 1200
Feed opening: mm 1200 x 900
(47.24" x 35.43")

Output potential

250 t/h (275.6 US tons/hour)

Screen

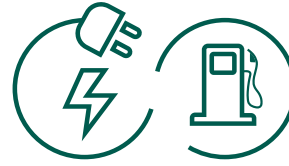
Type: CVV069
Deck surface: mm 5300 x 1300
(208.66" x 51.18")
Decks number: 2

Hybrid power unit

Engine: CAT C9.3 Stage V 285 kW
Alternator: MeccAlte 400 kVA
Tank capacity: 230 L (60.76 gallons)

Transport dimensions

Length: 14 m (551.18")
Height: 3,40 m (133.86")
Width: 2,75 m (108.27")
Weight: 42'000 kg (92,594 lbs.)



The **Centauro** line is particularly appreciated for its ability to treat different demolition materials, but especially for **asphalt recycling**.



OPTIONAL

- GPS
- belt scales
- overband magnet
- hydraulic hopper extensions
- hydraulic fingers

CAMS





CTR RANGE



SECONDARY SHREDDERS

**“REFINES
MATERIAL,
ONE STEP
AT A TIME.”**

- Low rotation speed to reduce wear, dust and noise
- They work in synergy with the entire CAMS range of products
- Ideal for asphalt, glass, rubble





C

T

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CTR 1200



Thanks to their all-electric power supply, the **CTR** secondary shredder is the perfect machine to refine output size **without CO₂** emissions.

Secondary shredder

Range: CTR 1200

Feed opening: mm 1200 x 900
(47.24" x 35.43")

Power supply

Power: 44 kW

Output potential

120 t/h (132.3 US tons/hour)

Transport dimensions

Length: 2,50 m (98.43")

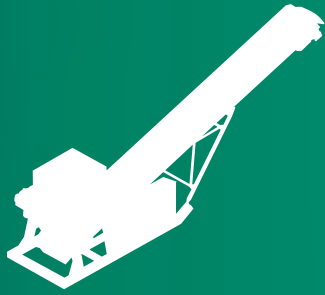
Height: 1,70 m (66.93")

Width: 2,50 m (98.43")

Weight: 3'500 kg (7716 lbs.)

GAUSS





UCS RANGE



PORTABLE SECONDARY SHREDDERS

**“OUTPUT SIZE,
PERFECTED.”**

- CTR shredders on a portable frame
- Full electric drive, zero CO₂ emissions
- Ideal for refining oversize material, without waste



U C S



UCS 1200



Secondary shredderB

Range: CTR 1200

Feed opening: mm 1200 x 900
(47.24" x 35.43")

Conveyor

Width: 600 mm (23.62")

Length: 8000 mm (314.96")

Power supply

Power: 50 kW

Transport dimensionsB

Length: 8,20 m (322.83")

Height: 3,10 m (122.05")

Width: 1,90 m (74.8")

Weight: 6'800 kg (14,991 lbs.)



The **UCS** range is powered exclusively by electrical energy and **designed for secondary shredding of oversize material**, coming from the screening unit.



OPTIONAL

- GPS
- Belt scales
- Overband magnet



CMMs

Dust suppression



Range

30 m (98.4')

Surface reached^B

2850 m² (30,677 squared feet)

Horizontal rotation^B

0° - 350°

Inclination

0° - 70°

Number of nozzles

n. 18

“Spray to
reduce dust
dispersion.”



Suitable for
demolition, crushing
and screening sites



Flow adjustment
according to the
jobsite specific needs



Portable, electric
power supply



CAMMS

Aeraulic separator



“Separate the light fraction with the force of air.”

Internal trolley

For collecting lightweight materials with emptying wheels

Electric power supplyB

Power: 7,5 kW

Air ow

8000 m³/h (282,517 cubic feet/hour)

Static head

225 mmCA (8.86")

Box dimensions

Length: 2,10 m (82.68")

Height: 2,20 m (86.61")

Width: 1,35 m (53.15")

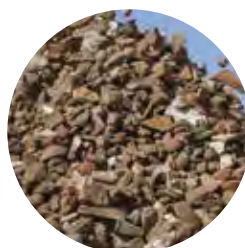
Weight: 1'500 kg (3307 lbs.)



Lightweight waste is conveyed into a closed box



Featuring an internal trolley that allows for quick emptying



Increases the quality of recycled material

CMMs



CAMS

From modular combinations to final solutions



FTR

+



frame

=



UTS



UTS

+



tracks and genset

=



UTM



UTM

+



UVS

=



CENTAURO



CENTAURO

+



CTR

=



CENTAURO APR



Value chain: from design to after-sales

Analysis and consultancy: evaluation of materials and jobsite.

Custom design: definition of specifications and developments of customized layouts.

Production and testing: high quality design and final tests.

Transport and installation: trained field engineers for commissioning and training.

After-sales service: spare parts stock, remote telemetry, rapid intervention worldwide.

Service and maintenance on site

**“Forget downtimes: we are there,
wherever and whenever you need us.”**

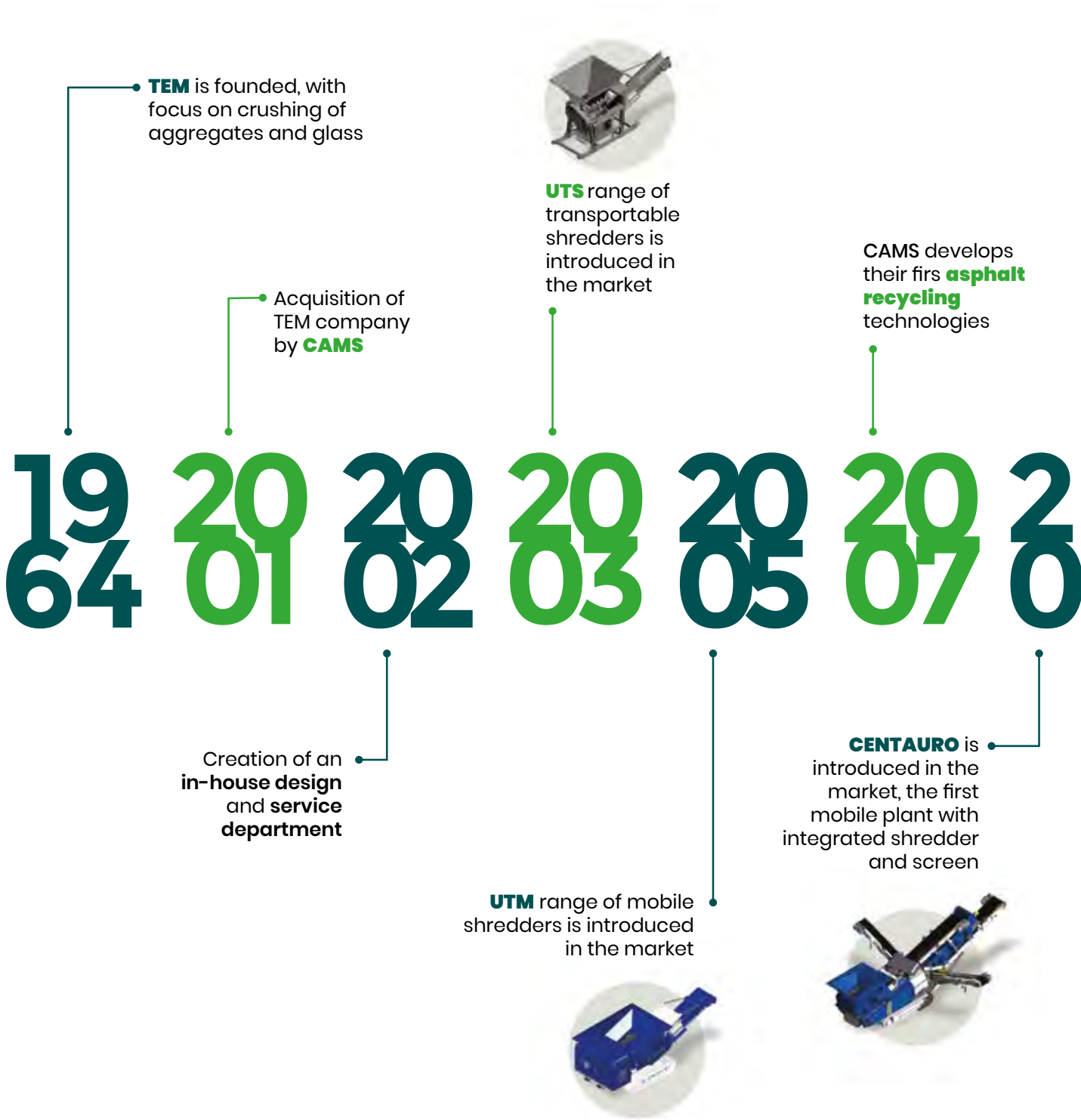
Over 10,000 components in stock

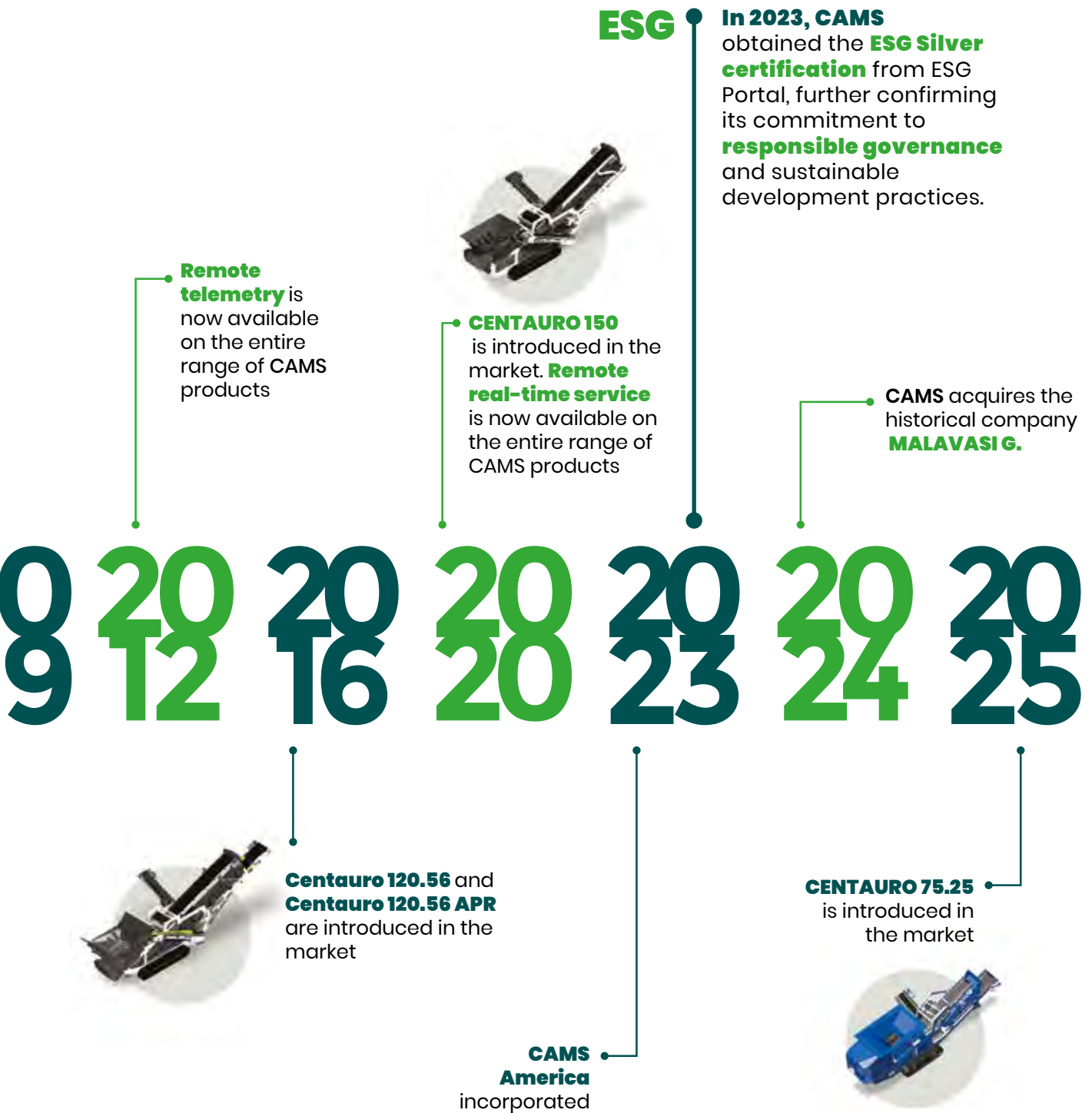
Remote diagnostic systems to reduce
machine downtime

Teams of technicians trained on each
model, worldwide



History of CAMS innovations





“Every recycled scrap is a resource rediscovered.”



CAMS – Head Office

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CAMS

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