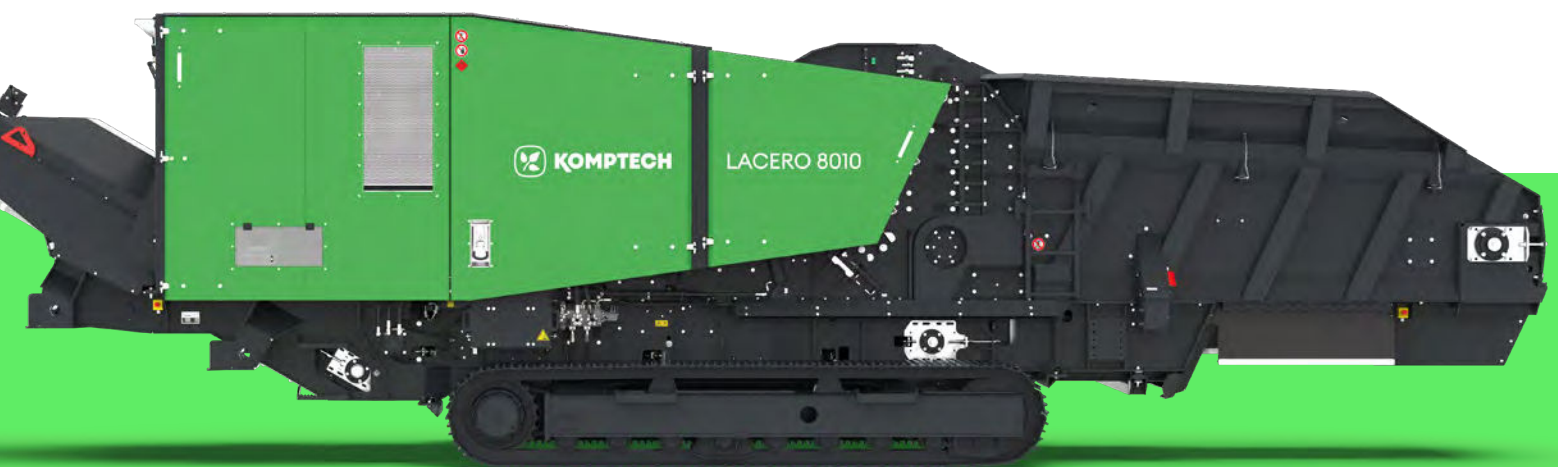


LACERO MOBILE

High-performance shredder
for wood and green waste





OVERVIEW

High-speed, high-performance shredder for wood and green waste

The Lacero 8010 extends our product portfolio for processing woody biomass. This high-speed shredder has a large intake and 812 hp power – enough for a throughput of up to 400 cubic metres per hour. For operators who place high demands on throughput and material quality, the Lacero is one of the best-performing machines for processing virtually all materials involved in landscaping. Thanks to its heavy-duty design, the Lacero is also perfect for shredding waste wood. Its tough tracked chassis gives it the necessary mobility. The cladding design keeps the machine quiet and protects it from dirt, while offering great maintenance access.

Engine power (kW)

597

Max. throughput (m³/h)

400

Gross weight (t)

40

- ▶ Exceptionally large feed area with a length of 4.2 metres and a capacity of more than five cubic metres
- ▶ Massive 3.3 tonne rotor with 16 tool positions with reversible wear parts
- ▶ Great features: Contaminant detection, maintenance-free rotor transmission and hydraulical belt tensioner
- ▶ Well-designed cladding for complete access to all maintenance points

Many possibilities



01 Composting: Green cuttings, shrub cuttings

The Lacero is perfect for preparing material for composting. Whether bulky limbs or tangled grass and shrubs, the long and wide feed hopper makes loading easy. Everything disappears right into the intake. During shredding the high rotor speed ensures the desired fraying of green waste, which is important for fast decomposition. High performance doesn't need to mean high noise levels – thanks to its noise-reduction cladding, the Lacero is one of the quietest machines in its class.

02 Biomass fuel: Woody waste from landscaping

The Lacero can process almost any kind of wood from landscaping or recultivation work. Its armoured wear parts can be reversed to be used twice, for long tool life even with higher amounts of stone and other abrasive materials. Naturally its impressive throughput, and the output quality that can be precisely set by means of screen baskets, contribute to high economy in this application.

03 Waste wood processing: Waste wood, treated/untreated

Thanks to heavy-duty design from hopper to output, even highly contaminated treated waste wood is easy for the Lacero to deal with. At the centre is the heart of the machine – a massive rotor weighing over three tonnes, surrounded by a tough screen basket. Automatic contaminant detection, well-sealed cladding, and a magnet at the discharge conveyor are further features that make the Lacero a waste wood pro.

04 Mulch production: Pallets, untreated waste wood, logs

Another important application area in the Anglo-American countries is the mulch business, which turns clean wood into a versatile covering material. The Lacero's rotor and screen basket sizes are designed to produce the grain sizes in demand on the market. But the throughput also needs to be right - the combination of Lacero and downstream Multistar XXL2 star screen for a defined use fraction is tailor-made for this.



The machine in greater detail

Komptech stands for quality, reliability and value retention. This is assured by the use of high-quality components, certified production processes and gapless quality control.



Mobility



Track

Screen baskets (selection)



40x40 | 75x75 | 125x125 |
150x150 | 165x100 | 200x125

Rotor speed



Shredder mode

01



Engine/drive

- Modern Caterpillar diesel engine producing 812 hp (597 kW)
- Power transmission and overload protection by maintenance-free transmission (PT-Tech)
- Engine compartment cladding minimizes noise emissions and dirt build-up

02



Material feed

- Tough feed hopper, 4.5 m long by 1.5 m wide
- Efficient material feed through „Smart Grind“ program control
- Hopper sidewalls installable on both sides to boost loading volume to over 5 cubic metres

03



Shredding unit

- Big 0.8 x 1.5 m (H x W) intake
- Massive 1 m diameter rotor
- 16 tool positions with armoured double-use wear parts

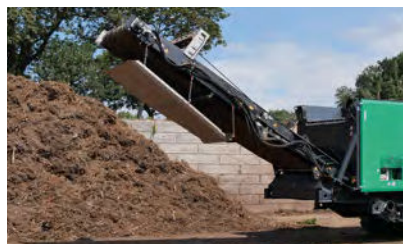
04



Operation

- Operating panel with high resolution 7" colour screen and intuitive menu guidance
- Troubleshooting integrated into the control system for fast problem-solving
- Wireless remote control including machine status display

05



Discharge system

- 1.3 m wide discharge conveyor with fixed angle (30°) and 4.65 m discharge height
- Option: Ferrous metal separation by magnetic drum or overbelt magnet
- Option: Volumetric flow measurement and evaluation with Connect!

06



Maintenance

- Large doors for ideal access to all maintenance points
- Central service platform with integrated ladder for easy access
- Easy screen basket change



AT WORK

In daily use

Size matters

The feed hopper is sized perfectly for the Lacero's high throughput. The feed length of 4.5 m and loading height of 2.4 m make loading easy. The walls and height extensions on both sides are very heavy-duty and have no problems standing up to "contact" with loading machines.

Driving force

Power transmission from engine to belt pulley is by a zero-maintenance, hydraulically operated friction coupling. It doubles as an overload protection and gives soft run-up, and its integrated control electronics reliably protect the power train from damage.

Built tough

Heavy-duty construction with an overall weight of 40 tonnes makes this high-speed shredder tough enough for the demanding jobs. The massive, over three tonne rotor is at the heart of it. On it are 16 teeth, whose reversibility and carbide coating keep them cutting for a long time.

Flexible use

Screen basket changing is uncomplicated. The screen basket carrier is hydraulically released, the locking is loosened and the two-part screen basket is replaced using lifting gear. Secure again, tension and the machine is ready to get to work again.

Maintenance made easy

The Lacero offers outstanding maintenance and service access. Integral ladders and maintenance platforms make all work safe and comfortable. At the same time, the cladding reliably protects the shredding and engine compartment from dirt.

Functions



Feed speed regulation



Smart Grind feed system



Swivel screen basket

Operation



Manual reversing



Lights



Condition monitoring

Options



Throughput measurement



Remote control



Magnetic drum



Overbelt magnet



The Komptech plus



Top advice

We'll show you how to optimize your processes, based on our experience and extensive data analyses.



Service near you

Expert technicians are on-site quickly to make sure your machines keep running.



Spare parts always available

Intelligent stocking for the fast, economical provision of high-quality spare parts.



All-in solutions

From individual mobile machines to complex stationary systems, with us you get the right process solution.



Productivity in view

Apps and integrated monitoring let you keep an eye on operating data and economy.



Need-based service

Our maintenance and service agreements, as well as extended warranties, are aligned with your needs.

TECHNICAL SPECIFICATIONS

Overview of our technology



Look here for the newest updates, specifications and more detailed descriptions:

Model

8010



Engine

Manufacturer
Power kW / HP

Caterpillar
597 / 812

Material feed

Feed hopper L x W x H (mm)
Number of feed drums
Feeder opening H x W (mm)

4,500 (4,350 active) x 1,529 x 2,413
1 horizontal
800 x 1,516

Shredding unit

Rotor diameter x rotor width (mm)
Tools
Rotor speed (rpm)

1,049 x 1,528
16
900

Material discharge

Conveyor belt, width (mm)
Discharge height (30°, mm)

1,330
4,650

Dimensions in transport position/working position (conveyor belt 30°)

Transport / working L x W x H (mm)
Weight (t)

13,514 x 2,878 x 3,600 | 16,000 x 2,878 x 4,650
~40

Throughput

Throughput (m³/h)

up to 400

Lacero 8010



Never waste an opportunity.

Komptech GmbH
Kühau 37
8130 Frohnleiten, Austria
+43 3126 505 - 0
info@komptech.com

© Komptech GmbH | Q2 2024. No liability accepted for changes, errors and misprints. Printed on PEFC-certified paper, which was produced in Styria, Austria.

We create value for you



Waste-stream expertise

Because you need a
setup that is tailored to
your waste stream.



Innovative technology

Because you need to
adapt your output to your
market needs.



Flexible sales models

Because you have the
choice between new,
rental and used machines.



Service excellence

Because you always
need to keep your system
running.