TEUTON Z 50

Eggersmann High-Torque Single-Shaft Shredders

Eggersmann
Recycling Technology

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The Eggersmann TEUTON Z 50 is as strong as versatile. It brings the material down to a sellable product size by using a screen basket, if required. The combination of easy operation, low maintenance, high versatility and efficiency make the Z 50 a real economic asset.

Product Highlights

- Easily exchangeable and robust rotor tools with double-bolt fixing
- Long-life „Marathon" shredding rotor (resistant to contaminants), able to reverse
- Easy feeding due to the 5 m wide feeding area
- Tool-free cutting gap adjustment to 6 positions
- Screen basket system for specified and consistent product sizing

Applications

- Waste Wood
  - 60 t/h*
- Green Waste
  - 80 t/h*
- Household Waste
  - 100 t/h*
- Commercial Waste
  - 50 t/h*
- Roots
- Bulky Waste
- Tires

* Production: Depending on material, weather and machine condition

Product Features

Reversing Rotor
- Hydromechanical drive reverses the rotor in the event of resistance
- Extremely efficient even with difficult material
- Proof against contaminants

Bolted Rotor Teeth
- Easily exchangeable rotor tools
- Double-bolt fixing for a stong hold

Maintenance
- Fully illuminated motor compartment
- Large maintenance doors

Large Infeed Area
- 5 m wide feeding area → easy and quick to feed

Shredding Unit
- Marathon rotor
- Durable, robust counter blade
- Spiral-shaped rotor tools mounted in three rows
- Various rotor tools such as Unigrip or Twincut

Shredder door
- The hydraulically swing-out shredder door allows for easy access to the shredding compartment with integrated access ladder

Cutting Gap Adjustment
- Choose from six different settings to set the product size
- No tools required for the adjustment

Rear Conveyor Belt
- Steplessly adjustable discharge height (max. 5 m)
- Extra wide conveyor belts for blockage-free discharge

Options

Screen Basket System
- Able to make a specified and consistent product in one pass only
- Stripe shape and hexagonal screen baskets in different sizes

Various Rotor Tools
- Mulitgrip - Unigrip - Twincut - Rootgrip for different applications
- Tools are also available with hard facing for extra durability

Dust Suppression
- Ecospray dust suppression system to reduce dust emissions

Overband Magnet
- Extra strong neodymium magnet
- Hydraulically height-adjustable
- Material discharge possible on both sides

Manoeuvrability trailer
- Ball Mounting Adapter for wheel loader
- Hydraulic drive via radio remote control

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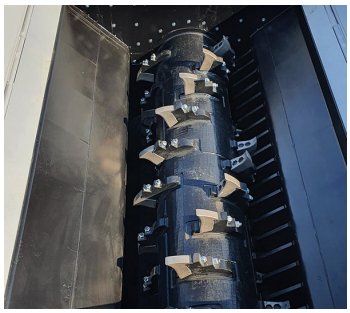
	Tracks	Tracks	Trailer	Stationary
	diesel-hydraulic	electro-hydraulic	diesel-hydraulic	electro-hydraulic
Power (kW/PS)	373 / 500	2 x 160	373 / 500	2 x 160
Weight (kg)	27,000	27,000	25,000	21,000
Rotor speed (rpm)	20 - 40	20 - 40	20 - 40	20 - 40
Rotor diameter Length x Ø mm	3,000 x 1,050	3,000 x 1,050	3,000 x 1,050	3,000 x 1,050
Working Position				
Length (mm)	14,176	14,176	15,864	8,390
Width (mm)	2,540	2,540	2,540	2,540
Feeding height (mm)	3,000	3,000	3,000	3,000
Discharge height (mm)	5,000	5,000	5,000	5,000
Transport Dimensions				
Length (mm)	8,976	8,976	10,652	
Width (mm)	2,540	2,540	2,540	
Height (mm)	3,652	3,652	3,789	



Shredding Unit

Shredder Door

Neodymium Magnet

Screen Basket System

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