

TEUTON Z 50

Eggersmann High-Torque Single-Shaft Shredders



Recycling Technology

sales@f-e.de | www.f-e.de



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* | › Roots |
| › Green Waste
– 80 t/h* | › Bulky Waste |
| › Household Waste
– 100 t/h* | › Tires |
| › Commercial Waste
– 50 t/h* | |
- * Production: Depending on material, weather and machine condition

Product Features

Reversing Rotor in the Event of Strong Resistance

- › Extremely efficient even with difficult material
- › Safety against contaminants

Double-Bolted Rotor Teeth

- › Easily exchangeable and strong 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 with 30 tools in three spiral-shaped rows
- › Durable, robust counter blade

Shredder Door

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

Cutting Gap Adjustment

- › Six tool-free adjustable settings to set the product size

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

- › Multigrip - Unigrip - Twincut - Rootgrip for different applications
- › Tools are also available with hard facing for extra durability

40 Tool Rotor for More Precision

- › Focus on the particularly homogeneous processing of materials such as biomass, plastic or green waste

Twincut System

- › The special system of Twincut rotor tool and Twincut counter tool enables optimum shredding of special applications such as tyres.

Material Humidification

- › Effective dust suppression in the material discharge and feed area

Extra strong Neodymium Overband Magnet

- › Hydraulically height-adjustable
- › Material discharge possible on both sides

Manoeuvrable 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 <small>Length x Ø mm</small>	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



Shredder Door



Neodymium Magnet



30 / 40 Tool Rotor



Screen Basket System