

# 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 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