

Eggersmann Z 50

High-Torque Single-Shaft Shredder



The Eggersmann 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 16.5 ft. wide feeding area
- › Tool-free cutting gap adjustment to 6 positions
- › Screen basket system for specified and consistent product sizing

Applications

- | | |
|---|--------------------|
| › Waste Wood | › Commercial Waste |
| › Green Waste | › Tires |
| › Roots | › Electronic Waste |
| › Stumps | › Solar Panels |
| › Municipal Solid Waste (MSW) | › Glass |
| › Construction and Demolition Waste (C&D) | › Mattresses |

Product Features

Reversing Rotor

- › Hydromechanical drive reverses the rotor in the event of resistance
- › Extremely efficient even with difficult material
- › Resistant against contaminants

Bolted Rotor Teeth

- › Easily exchangeable rotor tools
- › Double-bolt fixing for a strong hold

Maintenance

- › Engine compartment with working lights
- › Large maintenance doors

Large Infeed Area

- › 16.5 ft. wide feeding area → easy and quick to feed

Shredding Unit

- › Rotor tools of the durable Marathon rotor are arranged as a spiral, the torque is utilized in the best possible way
→ efficient and powerful shredding

Shredder door

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

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. 16.5 ft)
- › 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

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

Ball Mounting Adapter

- › Ensures easy moving of the machine (trailer) using a wheel loader

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	Tracks	Tracks 	Trailer	Stationary 
	diesel-hydraulic	electro-hydraulic	diesel-hydraulic	electro-hydraulic
Power (kW/hp)	373/500	2 x 160	373/500	2 x 160
Production up to (tph)	95	95	95	95
Weight (lbs)	59,500	59,500	55,000	55,000
Rotor speed (rpm)	20 - 40	20 - 40	20 - 40	20 - 40

Working Dimensions

Length (ft.)	46.51	46.51	52.05	27.52
Width (ft.)	8.33	8.33	8.33	8.33
Feeding height (ft.)	10	10	10	10
Discharge height (ft.)	16.4	16.4	16.4	

Transport Dimensions

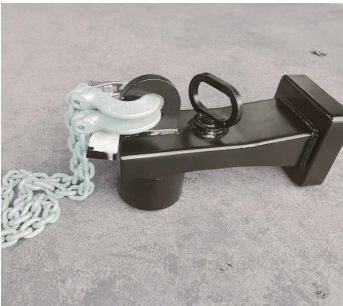
Length (ft.)	29.45	29.45	34.95
Height (ft.)	11.98	11.98	12.43
Width (ft.)	8.33	8.33	8.33



Shredding Unit



Shredder Door



Ball Mounting Adapter
(for pintle-hitch trailer)



Screen Basket System