

# ZHS+

## Horizontal Shredder

- Large feeding hopper
- Robust welded steel construction
- Low speed operation
- Advanced rotor / knife mounting system



The large feeding hopper allows the machine to be used for a variety of materials.



The machines are equipped with large 600mm diameter rotors featuring ZERMA proven knife fixing system allowing for easy changing and rotating of rotor knives.



The heavy duty hydraulic system allows processing of a variety of materials. The angled hydraulic pusher uses roller guides to avoid blocking and excessive wear.

### General Description

The ZHS horizontal shredders are single shaft shredders featuring an angled hydraulic ram suitable for a wide range of material shapes and sizes. The ZHS shredders are equipped with a 600 mm diameter E style rotor and knife fixing system. The roller guided hydraulic ram makes feeding of large heavy walled materials possible without the risk of jams, blocking or excessive wear on guide rails. Like all ZERMA shredders the ZHS series can be tailored to individual requirements, this includes different drive powers, knife configurations as well as discharge options.

### Applications

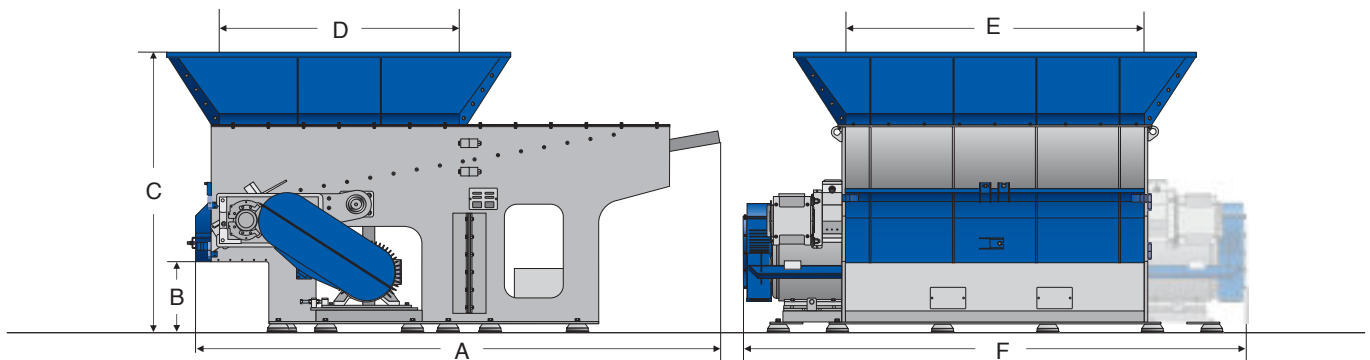
The ZHS series of single shaft shredders are designed to process large volume heavier materials such as purges, pipe segments and heavy bales. The machines have been engineered for strength and reliability in daily operation. These shredders can easily be integrated into complete lines with other ZERMA products and accessories such as belts, granulators, etc.



The Home of Size Reduction

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### Technical Specifications and Dimensions

#### Model

Rotor diameter (mm)  
 Rotor width (mm)  
 Rotor speed (rpm)  
 Drive capacity (kW)  
 Rotor knives(pcs)(34 x 34)  
 Rotor knives (pcs)(50 x 50)  
 Stator blades (pcs)  
 Ram feeder drive (kW)  
 Cutting chamber volume (m<sup>3</sup>)  
 Effective working area (mm)

#### 1500

600  
 1400  
 65 / 85  
 90 / 110  
 68 / 102  
 38 / 57  
 1 x 5  
 5.5  
 4  
 1300 x 1310

#### 2000

600  
 1960  
 65 / 85  
 110 / 2 x 75  
 96 / 144  
 54 / 81  
 1 x 7  
 5.5  
 6  
 1500 x 1880

#### 2600

600  
 2520  
 65 / 85  
 2 x 90 / 2 x 110  
 124 / 186  
 70 / 105  
 1 x 9  
 5.5  
 7.2  
 1500 x 2440

A (mm)  
 B (mm)  
 C (mm)  
 D (mm)  
 E (mm)  
 F (mm)

4420  
 696  
 2706  
 2030  
 1420  
 2680

4650  
 696  
 2726  
 2200  
 1980  
 3870

4650  
 696  
 2726  
 2200  
 2540  
 4500

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