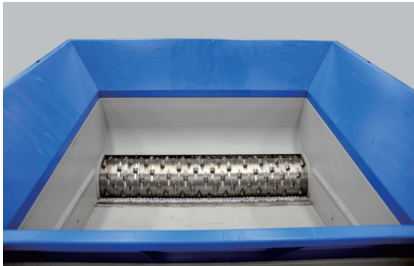


# ZHS+



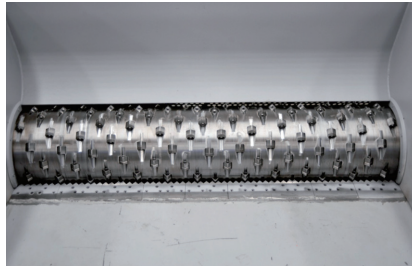
## Shredders

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



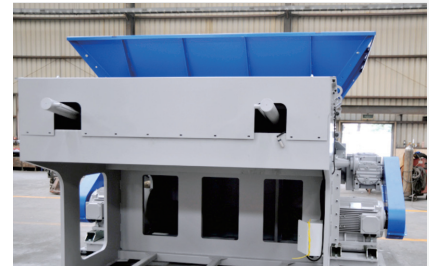
### Feeding Hopper

The large feeding hopper allows the machine to be used for a wide range of materials and applications.



### Knife Design

ZERMA shredders are available with different knife designs to fit specific applications. All knives are square and can be turned once one side is worn down.



### Angled Ram

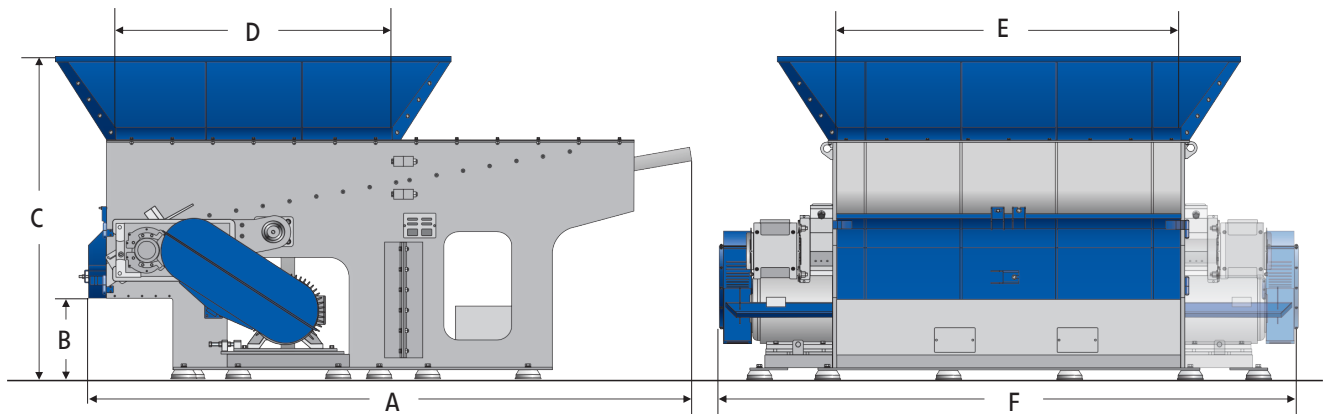
The angled hydraulic ram ensures efficient and controlled material feeding into the rotor.

### Applications

The ZHS+ series is designed for the size reduction of mixed plastics, wood, paper and general waste streams. It is also suitable for bulky and high-volume materials that require a large effective working area and reliable infeed. The machines can be integrated easily into complete recycling lines with downstream separation or granulation equipment.

### General Description

The ZHS+ series consists of single shaft shredders with an angled hydraulic ram for efficient and reliable material feeding. The machines are available with rotor widths from 1400 to 2520 mm and are driven by low speed, high torque geared drives. Standard features include the rotor and knife holder system, a hydraulically operated screen cradle and a range of rotor and knife configurations to suit different applications. Different discharge options are available depending on the process layout.



### Technical Specifications

Type	1500	2000	2600
Rotor diameter (mm)	600	600	600
Rotor width (mm)	1400	1960	2520
Rotor speed (rpm)	104	104	104
Drive capacity (kW)	90 / 110	110 / 2 x 75	2 x 90 / 2 x 110
Rotor knives (pcs) (Size 34 X 34 mm)	68 / 102	96 / 144	124 / 186
Rotor knives (pcs) (Size 50 X 50 mm)	38 / 57	54 / 81	70 / 105
Stator blades (rows)	1 x 5	1 x 9	1 x 9
Ram feeder drive (kW)	5.5	5.5	5.5
Screen size (mm)	> 40	> 40	> 40
Cutting chamber volume (m <sup>3</sup> )	3.6	5.5	7.2
Effective working area (mm)	1400 x 1340	1880 x 1550	2440 x 1159
Weight approx. (kg)	12000	14000	16000

### Dimensions

Type	1500	2000	2600
A (mm)	4420	4650	4650
B (mm)	455	455	595
C (mm)	2700	2740	2740
D (mm)	1885	2050	2040
E (mm)	1420	1980	2540
F (mm)	2840	3870	4425

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