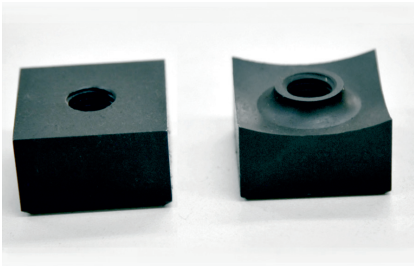


ZBS



Compact shredder

- Affordable solution for small lumps
- Simple upgrade for existing granulation system
- Easy to move and place
- Tangential infeed eliminates the need for a hydraulic ram
- Small footprint
- Low energy consumption

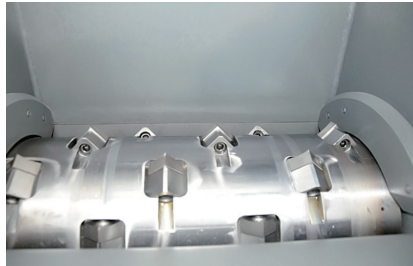


Knife Design

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.

Applications

The ZBS shredder is designed for the size reduction of small lumps, purgings and other bulky start-up waste from injection and blow moulding processes. It is typically installed beside granulators or directly in production areas where shredded material is fed into a granulator and returned to the process. The compact design makes it particularly suitable for low volume applications and confined installation spaces.

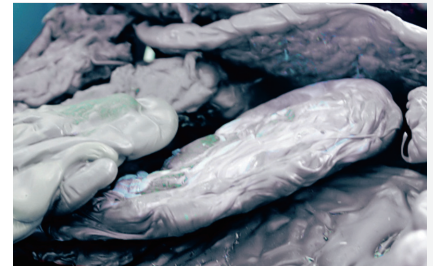


E-type rotor

All ZERMA shredders are equipped with the E-type rotor. The knives are mounted in precision-machined knife holders to ensure secure seating and consistent cutting performance.

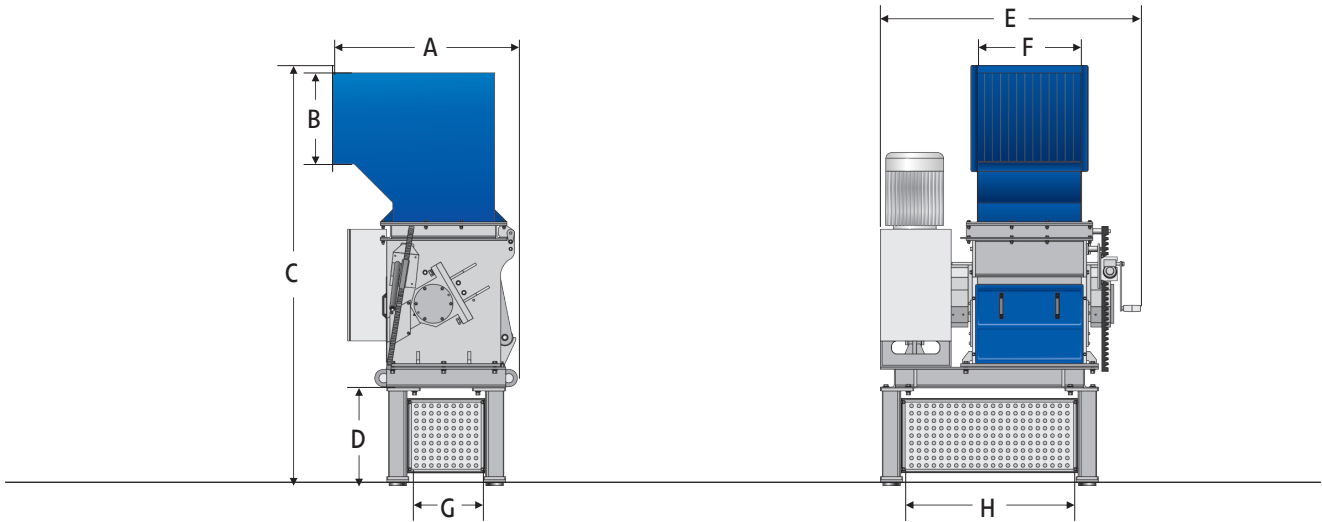
General Description

The ZBS series consists of compact single shaft shredders with a tangential infeed that eliminates the need for a hydraulic ram. Its space-saving design allows easy integration into existing production environments. Using the E-type rotor and knife holder design, the machine ensures dependable operation and simple maintenance. Material discharge can be carried out either manually or by conveyor.



Start-up Lumps

The ZBS shredder is ideal for processing start-up lumps and purgings from injection and blow moulding applications. These materials can be reduced efficiently in a compact machine footprint.



Technical Specifications

Type	600	850
Rotor diameter (mm)	310	310
Rotor width (mm)	560	840
Rotor speed (rpm)	61	61
Drive capacity (kW)	11	18.5
Rotor knives (pcs)	26	40
Stator blades (rows)	1	1
Screen size (mm)	> 16	> 16
Effective working area (mm)	490 x 550	490 x 830
Weight approx. (kg)	1400	1500

Dimensions

Type	600	850
A (mm)	995	1045
B (mm)	490	490
C (mm)	2255	2255
D (mm)	525	525
E (mm)	1400	2080
F (mm)	550	830
G (mm)	420	470
H (mm)	950	1200

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