

# Compact Shredder

**ZBS**

The ZBS series shredders are single shaft shredders with a tangential infeed to eliminate the need for a hydraulic feeding system. The space saving and manoeuvrable design combined with the 'plug and play' controls make this machine very flexible and ready to go in no time.

Like its bigger brothers in the ZS series, they are equipped with outboard bearings, 310 mm diameter flat E rotors with 600 or 850mm width driven by an oversized geared motor. Utilizing the proven ZERMA knife holder and knife design. The user friendly design makes cleaning and maintenance work a breeze. The low speed of 60 rpm combined with the compact design of the ZBS shredders makes it possible to shred lumps at a relatively low noise level. The machines can be fed manually or by conveyor, material discharge can be done via conveyor or into a drop box.

## Applications

The ZBS shredders have been designed for in house recycling of small lumps and purges from injection and blow moulding processes. The Typical input materials are small and medium sized cakes such as head waste. The material can be shred to reduce the volume or processed further in a granulator to be reintroduced into the production process immediately. The machine also can be used to destroy sensitive products or to recycle small batches of low volume products to avoid contamination of the main product line.



The shredders use concave ground square knives, producing high quality output. The cutters can be turned after a side is worn out.



The internal ram design on the ZIS series allows the cutting chamber volume to be increased while keeping a small footprint. Making the ZIS ideal for shredding of big volume parts.



All ZERMA shredders are equipped with a large diameter flat rotor. The knives are fixed in special knife holders fitted in machined pockets. Optional weld on hard facing is available for abrasive applications.

## Key Features

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



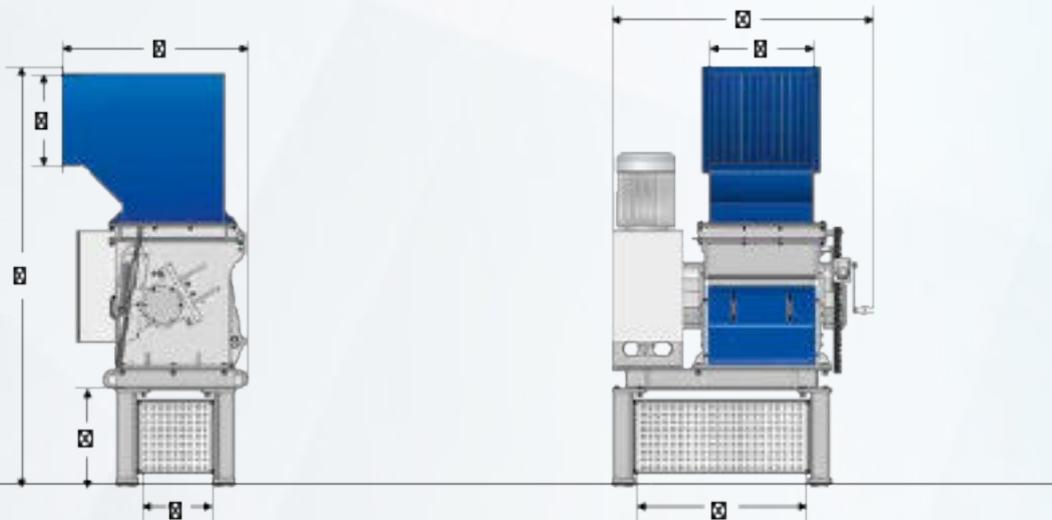
+44 (0) 1827 265 800

info@summitsystems.co.uk

www.summitsystems.co.uk

# Compact Shredder ZBS

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



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

## GET IN TOUCH TODAY

We solve the most technically advanced plastics automation problems across all industries.



+44 (0) 1827 265 800

info@summitsystems.co.uk

www.summitsystems.co.uk

April 2023