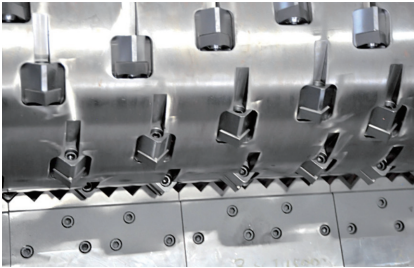


ZCS

Shredder / Granulator Combination

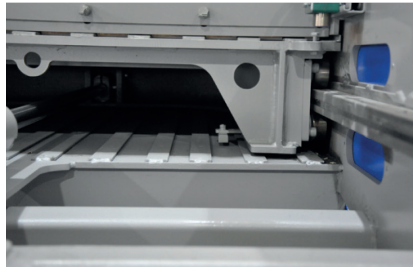


- Compact space-saving design
- Low noise emission
- Combined size reduction concept
- Flexible discharge options



E-type rotor

The ZCS machines use the E-type rotor from the ZSS shredders with bolted knives and knife holders.



Material Feeding

The ZCS system uses a sturdy roller guide and hydraulic ram to feed material into the shredder. Segmented cutting chambers and twin hydraulic cylinders help to pre-compress difficult materials.



Granulator Section

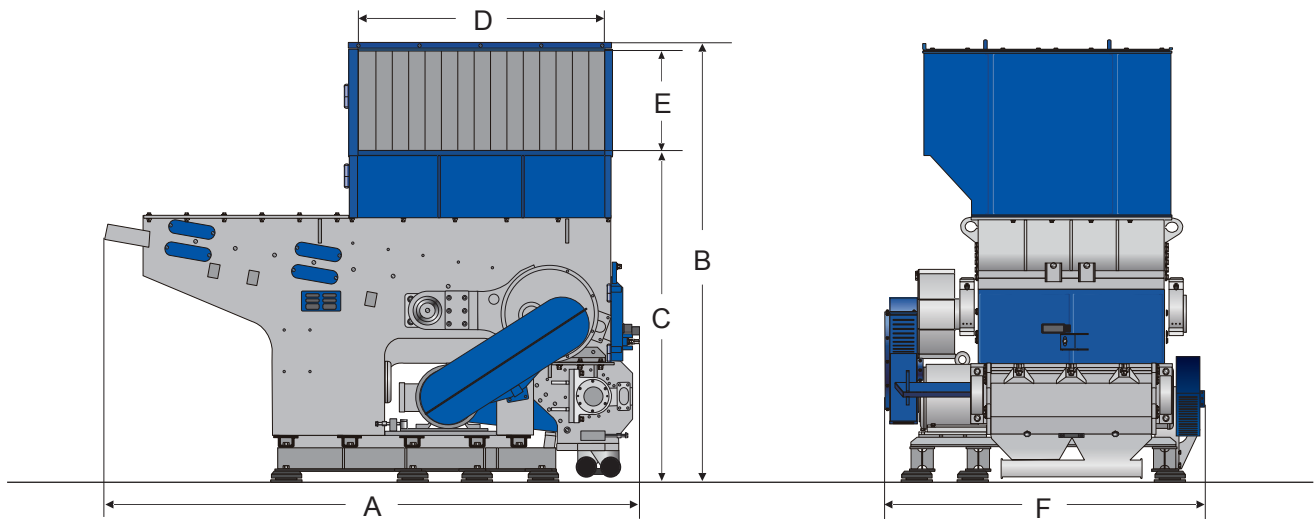
The granulator section uses a sturdy F-type rotor and a strong infeed section to handle thicker and heavier particles after shredding.

Applications

The ZCS system is designed for in-house recycling applications in blow moulding and injection moulding processes. It is particularly suitable where larger parts, thicker materials, purgings or start-up waste need to be reduced in a compact system. By combining shredding and granulation in a single machine, the ZCS reduces material handling and minimises the risk of contamination.

General Description

The ZCS combines a shredder and a granulator in one compact machine for the processing of production waste. Material is first reduced in the shredder and then transferred directly into the granulator for final size reduction. Depending on the machine size, the system uses components derived from the ZSS shredder series and the GST granulator series. The compact layout reduces floor space requirements and allows reliable operation with minimal material handling.



Technical Specifications

Type	600	1000	1400
1. Shredder			
Feed opening (mm x mm)	570 x 490	1500 x 600	1880 x 1000
Rotor width (mm)	570	1000	1400
Rotor diameter (mm)	310	400	400
Drive capacity (kW)	11	30	45
Hydraulic drive capacity (kW)	0.75	3.75	3.75
Rotor knives (pcs)	26	27	34
Stator knives (rows)	1 x 2	1 x 4	1 x 5
2. Granulator			
Rotor diameter (mm)	300	300	350
Motor capacity kw	7.5	15	22
Rotor knives (pcs)	3 x 2	3 x 2	3 x 2
Stator knives (rows)	2 x 1	2 x 1	2 x 1

Dimensions

Type	600	1000	1400
A (mm)	1960	3348	4250
B (mm)	2370	2750	3410
C (mm)	1840	2080	2355
D (mm)	570	1538	1880
E (mm)	490	600	1000
F (mm)	1550~2540	1990	2500

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