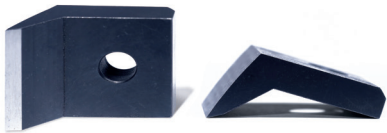


GSL 300

Beside the press granulator



- Direct drive, staggered rotor
- Special knife design eliminates knife adjustment
- Easy access for cleaning and maintenance
- Low rotor speed reduces noise and dust
- Flexible configuration for different applications

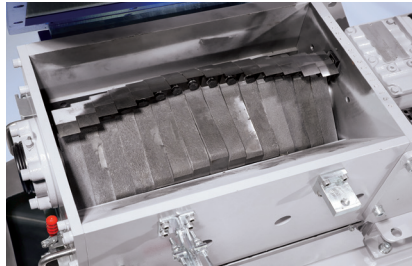


Knife Design

The curvature of the specially profiled rotor knives ensures a constant cutting radius after re-sharpening thus maintaining the original cutting gap. Awkward knife adjustment is no longer necessary.

Applications

The GSL 300 series slow speed granulators are mainly used in injection moulding processes beside the press for grinding runners, sprues and rejected parts. They are suitable for small throughputs as well as for tougher and thicker-walled materials than those typically processed in the GSL 180 series. The regrind can be returned directly to the production process or collected via different discharge configurations, including bag filling or blower-assisted conveying.



Staggered Rotor

Staggered rotor blades create an individual blade cut thus increasing the cutting torque. All of the machines in this series are therefore suitable for grinding more solid materials and thicker walled sprues.

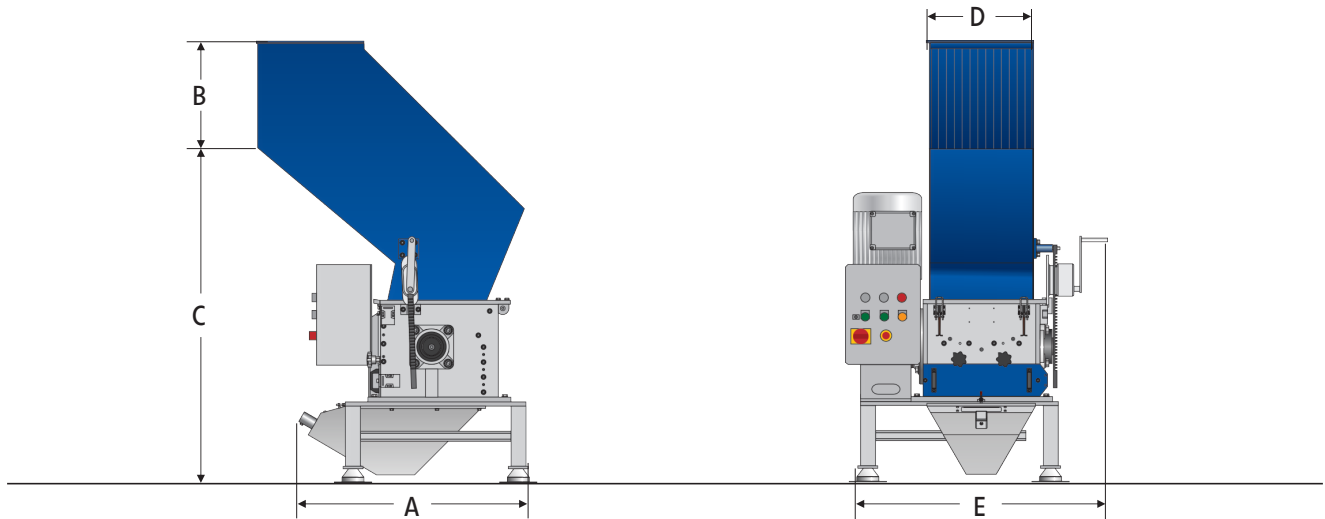
General Description

The slow speed granulators in the GSL 300 range feature a staggered 300 mm diameter rotor with widths from 400 to 800 mm. The rotor is directly driven by a geared motor. Low rotor speeds reduce noise and dust generation during operation. Depending on the application, the machines can be fitted with different hopper and discharge versions. A range of base frame and conveying options allows easy integration into production lines and downstream handling systems.



Quick Snap System

The ZERMA Quick Snap System allows the lower front plate section to be easily removed for granulator cleaning. The lower front plate section is held in position by two sturdy lever clamps.



Technical Specifications

Type	300/400	300/600	300/800
Rotor diameter (mm)	300	300	300
Rotor width (mm)	400	600	800
Rotor speed (rpm)	150	150	150
Drive capacity (kW)	7.5	11	18.5
Rotor knives (pcs)	33	48	66
Stator blades (rows)	2	2	2
Screen size (mm)	> 6	> 6	> 6
Weight approx. (kg)	550	950	1100

Dimensions

Type	300/400	300/600	300/800
A (mm)	950	1125	820
B (mm)	400	400	400
C (mm)	1335	1335	1340
D (mm)	405	600	830
E (mm)	1035	1230	1635

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