

GSL 180



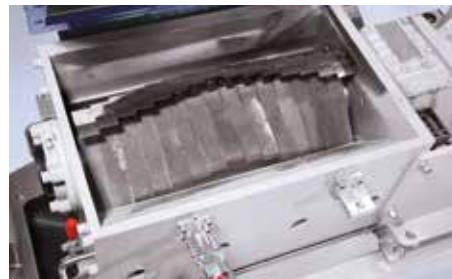
Beside the press granulator

- Specially designed rotor knives simplify maintenance and reduce downtime
- Tool-less access to the machine for maintenance and cleaning
- Low noise emission due to slow speed and sound dampening hopper
- Modular design allows for customisation



Unique knife design simplifies maintenance

The rotor is equipped with specially designed knives. The curvature of the knives ensures a constant cutting gap even after sharpening without the need to re-adjust the rotor knives.



Sturdy rotor

The rotor shaft is supported on both ends by heavy duty bearings. Due to the modular design of the rotor the shaft is sized for the widest machine ensuring performance and longevity across the whole range.



Quick-Snap system

The proven ZERMA quick-snap system allows a quick and easy opening of the machine and removal of the front plate to gain access to the screen. This allows simple cleaning when changing colour or material.

General Description

The slow speed granulators of the GSL 180 series feature a closed 180 mm diameter rotor with width range options from 120 mm to 430 mm. The rotors are comprised of single discs arranged on an oversized drive shaft connected to the gear motor. This allows for efficient and low maintenance power transmission. The material can be fed manually, by conveyor or by robot into the large sound dampening hopper. Typically the machines are placed on a low frame with integrated heavy duty casters. Discharge of the material is accomplished via vacuum system from the integrated stainless steel material collection bin.

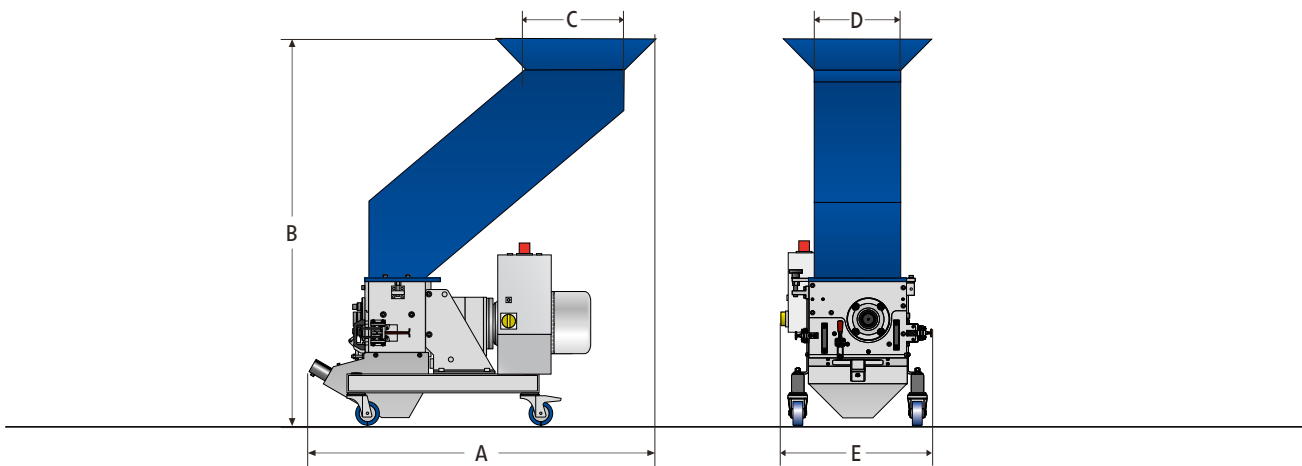
Applications

The slow speed granulators in the GSL 180 series are specifically designed for the processing of runners, sprues and rejects in injection molding processes. The safe, easy access to the cutting chamber allows for quick changeovers in case of material or colour changes. The low rotor speed allows processing of pliable as well as rigid materials and ensures high quality regrind with low dust.



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Technical Specifications

Type	180/120	180/180	180/300	180/430
Rotor diameter (mm)	180	180	180	180
Rotor width (mm)	120	180	300	430
Rotor speed (rpm)	150	150	150	150
Drive capacity (kW)	2,2	3	4	4
Rotor knives (pcs)	12	18	30	45
Stator blades (rows)	2	2	2	2
Screen size (mm)	>5	>5	>5	>5
Weight approx. (kg)	130	140	180	250

Dimensions

Type	180/120	180/180	180/300	180/430
A (mm)	910	1070	1240	1460
B (mm)	1290	1290	1290	1410
C (mm)	340	340	340	520
D (mm)	270	270	270	270
E (mm)	480	480	480	570

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