

# SLOW-SPEED GRANULATORS

*Low-speed,  
low-profile granulators  
for reclaiming sprues,  
runners and small parts.*

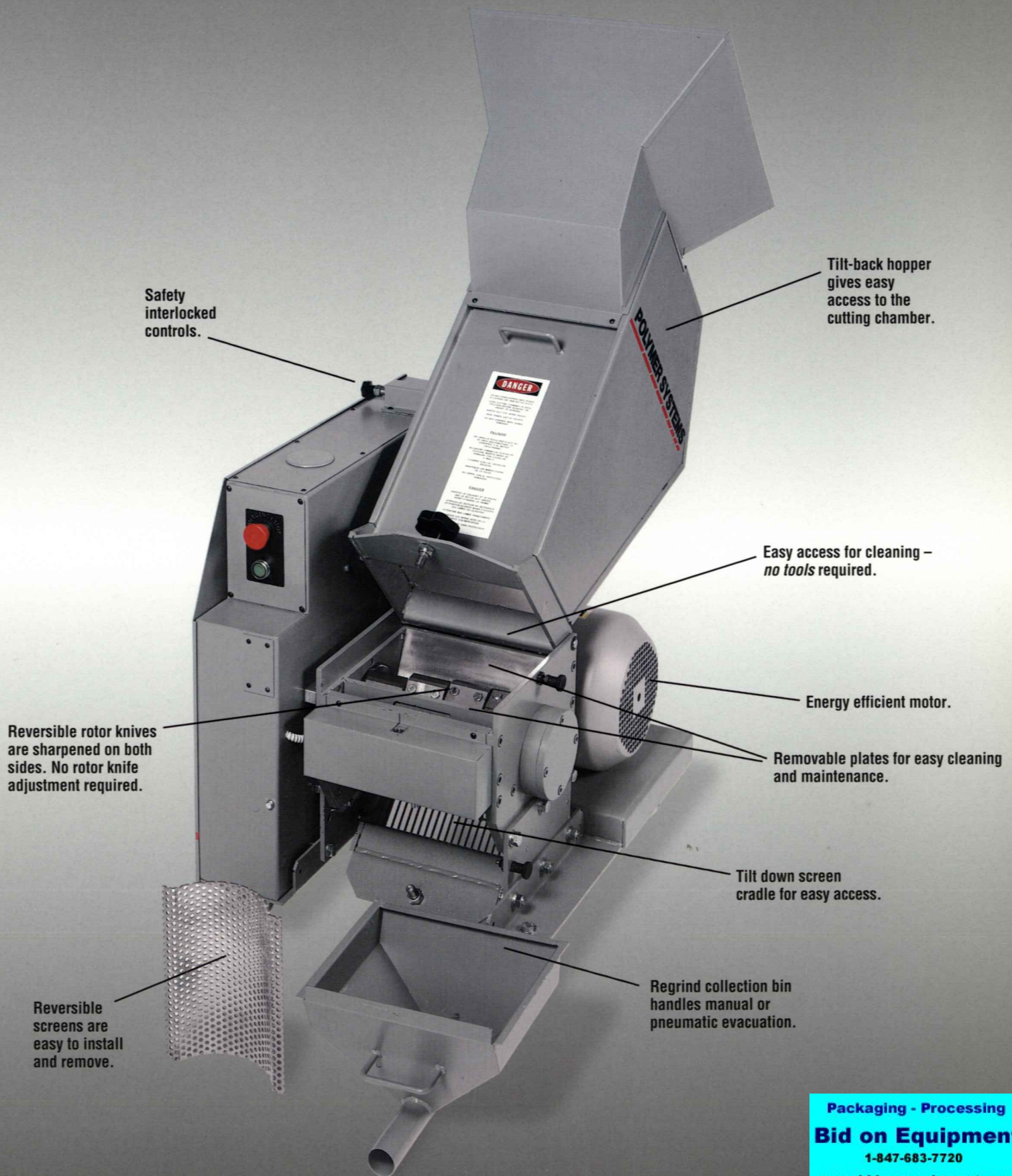


*Models SS67, SS87 and SS117*

**POLYMER SYSTEMS**

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# New Slow-Speed Granulators Operate Efficiently and Quietly when Fed Manually, by Robot or Conveyor.



Safety interlocked controls.

Tilt-back hopper gives easy access to the cutting chamber.

Easy access for cleaning – no tools required.

Energy efficient motor.

Removable plates for easy cleaning and maintenance.

Tilt down screen cradle for easy access.

Regrind collection bin handles manual or pneumatic evacuation.

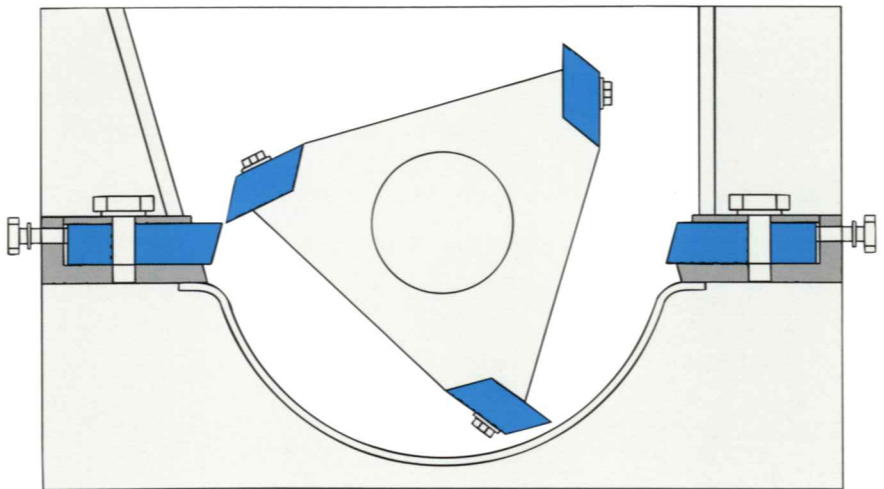
Reversible rotor knives are sharpened on both sides. No rotor knife adjustment required.

Reversible screens are easy to install and remove.

## ***Slow Speed Means Less Fines, More Efficiency.***

Because rotor speed is so low (just 200 rpm), these Polymer granulators generate fewer fines, are less subject to wear and quieter — even when processing tough materials such as 40%-glass-filled PPO.

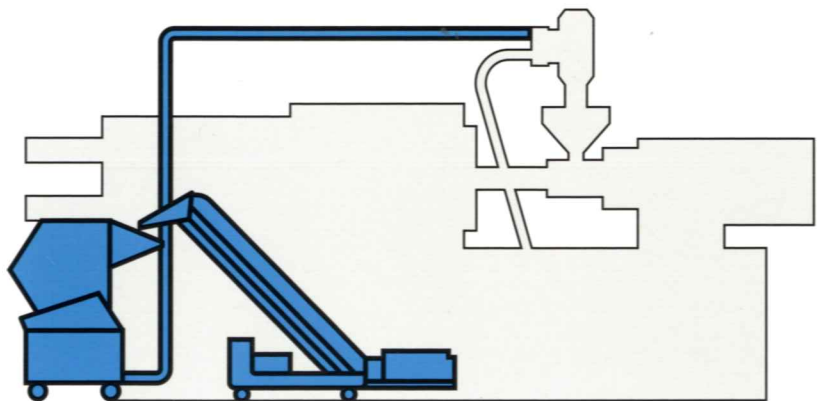
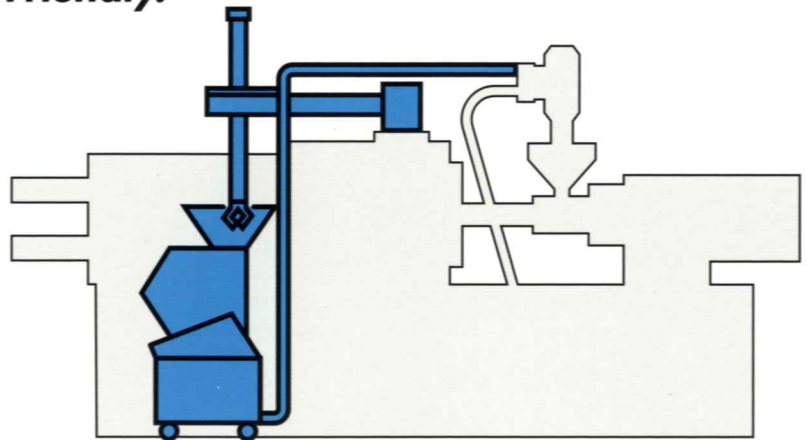
Slow Speed Series granulators generate the same high torque levels as high-speed machines, but with smaller motors — generally 40% smaller than a comparably sized high-speed machine. They take up less space, consume less energy, and are whisper quiet.

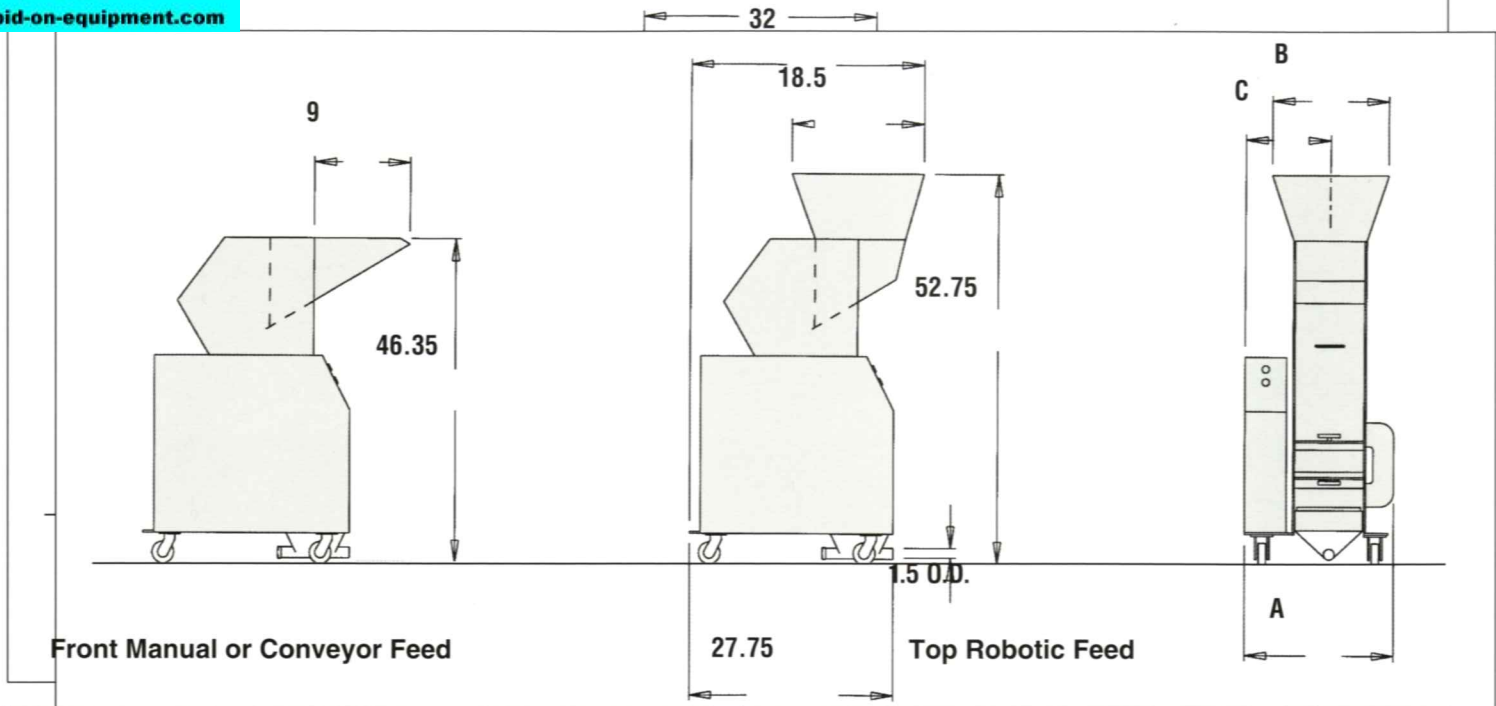


## ***New Slow Speed Series Granulators from Polymer Systems are "Purpose-Built" and Operator Friendly.***

If you run subgated two-plate molds, these compact, energy-efficient machines are made for you. Installed at press-side, they're specially designed to accept sprues, runners and small parts when fed manually, by a robot, sprue picker or conveyor.

With a small footprint of 27 inches by 17, 19 and 22 inches respectively, models SS67, 87 and 117 measure just 54 inches tall when configured for robotic feed. With manual or conveyor feed hopper, they are just 43 inches tall.





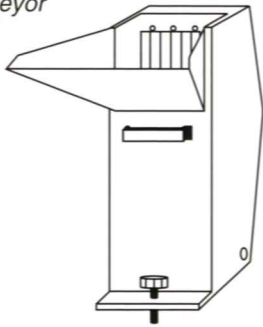
**DIMENSIONS**

MODEL	WIDTH		CENTER LINE C
	A Base	B Hopper	
<b>SS67</b>	in. 16.81 (mm) (427)	11 (280)	9.5 (241)
<b>SS87</b>	in. 19.37 (mm) (492)	13.75 (350)	11 (280)
<b>SS117</b>	in. 21.93 (mm) (557)	16.52 (420)	12.25 (311)
<b>SS167</b>	in. 27.0 (mm) (685)	23.5 (595)	15.25 (600)

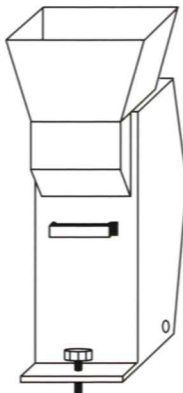
**SPECIFICATIONS**

Model	SS67	SS87	SS117	SS167
Throat Size at Chamber*	in. 6 x 7 (mm) (140 x 180)	8 x 7 (200 x 180)	11 x 7 (280 x 180)	16 x 7 (400 x 180)
Screen area	in. <sup>2</sup> 37 (cm <sup>2</sup> ) (236)	58 (374)	75 (484)	116 (748)
Motor**	HP 2 (kw) (1.5)	3 (2.2)	4 (3)	4 (3)
Cutting Circle (dia.)	in. 6 (mm) (150)	6 (150)	6 (150)	6 (150)
Rotor Speed	rpm 200	200	200	200
Rotor Knives	6	9	12	18
Bed Knives	2	2	2	2
Throughput***	lbs. 65 (kg) (30)	100 (45)	130 (60)	165 (75)
Weight	lbs. 420 (kg) (190)	450 (205)	570 (260)	900 (410)
Bin Capacity	in. <sup>3</sup> 286 (cm <sup>3</sup> ) (4687)	390 (6392)	534 (8752)	780 (12,784)

Front Manual or Conveyor Feed



Top Robotic Feed



Other hopper configurations available.

\* Measured at entrance to chamber.  
 \*\* Totally enclosed fan-cooled (TEFC) motors are standard.  
 \*\*\* Average figures; throughput varies with different materials, part shapes and screen sizes.  
 Note: All specifications are subject to change without notice. All production rates & projections are good faith estimates.



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