



BESIDE-THE-PRESS GRANULATOR

POWER AND PERFORMANCE FOR TROUBLE-FREE SIZE REDUCTION

The BP1600 Series granulators offer a wide range of capabilities to handle the most demanding injection molding, blow molding and extrusion requirements. With a horsepower range from 20 to 40 HP, throughput capacities from 900 to 1500 lbs./hr, and a wide range of sizes, there is a Sterling granulator ideal for your specific needs.

1600 Series models include 16x20, 16x28 and 16x40. All three models provide excellent quality regrind and quiet operation. Unique machined, bolted and doweled construction ensures durability. Double-sealed bearings are lubricated for life. Rotating end discs are standard throughout the BP1600 Series line for minimized friction and heat buildup.

Features

- Pivoting hopper, drop-down removable screen cradle and machined, bolted cutting chamber simplifies cleaning and maintenance
- Low-profile, sound-attenuated infeed systems for robot, hand or conveyor feed applications
- D2 knives manufactured in-house utilizing Sterling's proprietary process for heat treating ensures durability and long life
- Oversized solid flywheel

Options

- Motor: 25, 30 or 40 HP TEFC motors
- Infeed: Sheet/profile/pipe/feed rolls
- Rotor: 3 and 5 knife, 5 knife slant shear with knife carriers
- Discharge: 1.25", 1.5", 2" or 2.5" vacuum takeoff, 4" or 5" pneumatic, bin discharge available on model 1620 only
- Knives: D2 components and wear-resistant package
- Base: Caster-mounted
- Evacuation system



BP1600 SERIES



| Specifications | | | |
|--------------------------|---|------------------------------------|---|
| Model | BP1620 | BP1628 | BP1640 |
| Cutting Circle | 16.54" (420.1 mm), 437 rotor RPM | | |
| Throughput | 900 lbs/hr (408.2 kg/hr) | 1500 lbs/hr (680.4 kg/hr) | 1800 lbs/hr (818 kg/hr) |
| Cutting Chamber | 16" x 20" (406.4 mm x 508 mm) | 16" x 28" (406.4 mm x 711.2 mm) | 16" x 40" (406.4 mm x 1016 mm) |
| Rotor Knives | 3 knife open scooped with rotating end discs (knife carrier and 5-blade rotor optional) | | |
| Discharge | 6" pneumatic | | 8" pneumatic |
| Evacuation System | Optional | | |
| Motor | 20 HP (15 kW) TEFC motor standard, 230/460 VAC | | 30 HP (23KW) TEFC motor standard 230/460 VAC |
| Drive Parts | Flywheel/rotor (solid), drive belts, taper lock bearings, and adjustable motor base | | |
| Base | Totally enclosed for sound control, stationary with vibration pad | | |
| Electrical Components | Start/stop push button, complete set of safety interlocks | | |
| Controls | NEMA Type 12 | | |
| Feed Height | 56.27" (1429.3 mm) | | |
| Overall Height | 79.99" (2031.7 mm) | | |
| Overall Length | 71.18" (1808 mm) | | |
| Overall Width (A) | 51.25" (1301.8 mm) | 59.25" (1505 mm) | 71.25" (1809 mm) |
| Weight | 3025 lbs. (1372 kg) | 3400 lbs. (1542.3 kg) | 4000 lbs. (1818 kg) |



Complete double-walled hopper and sound-attenuated base enclosures provide quiet operation - approximately 85 dBA for most applications.



The screen and screen cradle swing down, allowing complete and simplified access for thorough cleaning.



The 3-knife open slant-cut rotor with scooped wings provides for both positive feeding of bulky parts and improved airflow for cooler operation.



Sterling New Berlin
2900 S 160th Street
New Berlin, WI 53151 USA
Tel: +1 262 641 8610
Fax: +1 262 641 8653
www.sterlco.com

Sterling Schaumburg
1100 E Woodfield Rd #550
Schaumburg, IL 60173 USA
Tel: +1 847 273 7700
Fax: +1 847 273 7804

Sterling Warsaw
ul.Dziakowa 115
02-234 Warszawa
Tel: +48 22 390 9720
Fax: +48 22 390 9724

Sterling India
Gat No. 191/1, Sandbhor Complex,
Mhalunge, Chakan, Tal Khed,
Dist. Pune 410501, India
Tel: +91 21 35329112
Fax: +91 20 40147576

Sterling Suzhou
109 Xingpu Road SIP
Suzhou, China 215126
Tel: +86 512 8717 1919
Fax: +86 512 8717 1916

