

# GP1600 PREMIER SERIES GRANULATORS

# GRANULATE



## GP1600 PREMIER SERIES GRANULATORS

The GP1600 Premier Series granulators offer a wide range of capabilities to handle the most demanding injection molding, blow molding and extrusion requirements. GP1600 models include 16x20, 16x28 and 16x40, providing 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 Premier Series line for minimized friction and heat buildup.

### STANDARD 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*
- *HCHC knives manufactured in-house utilizing AEC's proprietary process for heat treating ensures durability and long life*
- *Oversized solid flywheel*



GP1600 Premier Series Granulator  
(shown with optional evacuation)

### OPTIONAL FEATURES

- *Motor: 25, 30 or 40 HP TEFC motors*
- *Infeed: Sheet/profile/pipe/feed rolls*
- *Rotor: 5 knife, 3 and 5 knife 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*
- *Abrasion-resistant cutting chamber and rotor*
- *Evacuation system*

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## SPECIFICATIONS

| Specifications        |                                                                                         |                                    |                                              |
|-----------------------|-----------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------|
| Model                 | GP1620                                                                                  | GP1628                             | GP1640                                       |
| 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"<br>(406.4 mm x 508 mm)                                                        | 16" x 28"<br>(406.4 mm x 711.2 mm) | 16" x 40"<br>(406.4 mm X 1016 mm)            |
| Rotor Knives          | 3 knife open scooped with rotating end discs (knife carriers and 5-bladerotor 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)                          |

## DIMENSIONS

