



GP2400 SERIES CENTRAL GRANULATORS

AEC's GP2400 Series is one of the most versatile central granulators available. Ideally suited for applications including large injection molded parts, blow molded parts, automotive moldings, light purgings, furniture and appliance parts, etc. The GP2400 Series comes in 27" (700mm), 39" (1000mm), and 56" (1400mm) widths, cutting circle diameter of 24", and horsepower options from 50 thru 150 hp with throughput rates ranging from 1800 to 6000 lbs/hr.



STANDARD FEATURES

- *Unique rotor and disc design reduces frictional heat, helps prevent end plate smearing*
- *Exclusive Twinshear™ slicing action reduces energy consumption, fines and extends knife life*
- *Split chamber, easy cleanout service access*
- *Hydraulic opening*

LOW HEAT GRANULATION

- *Unique rotor and cutting chamber design helps prevent polymer "melt down"*
- *Virtually eliminates "end plate smearing"*
- *End ring (disc) rotates in relationship to the cutting chamber, vastly improving airflow and minimizing frictional heat*

REDUCED ENERGY CONSUMPTION

- *Made possible by the Twinshear™ "scissor cutting" action knife design*
- *More efficient than chopping motion knife designs*
- *Uses lower horsepower motor without sacrificing throughput performance*

OPTIONAL FEATURES

- *Multiple hopper designs*
- *Adjustable rotor knives*
- *Replaceable rotor knife seats*

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GRANULATE

SPECIFICATIONS

| Specifications | GP2428 | GP2439 | GP2456 |
|--------------------------|--|---------------------------|---------------------------|
| Throat Size | 600 x 700 mm (24" x 28") | 600 x 1000 mm (24" x 40") | 600 x 1400 mm (24" x 56") |
| Cutting Circle | 600 mm (23 5/8") | | |
| Throughput (3/8" screen) | 820 kg (1800 lbs.) | 1200 kg (2500 lbs.) | 1600 kg (3500 lbs.) |
| Infeed | Convey | | |
| Cutting Chamber | (2) Bed Knife Chevron | | |
| Rotor | (3) Knife Chevron | | |
| Rotor Knives | (6) HCHC | | |
| Bed Knives | (4) HCHC | | |
| Screen Diameter | 9.4 mm (3/8" dia.) | | |
| Base | Plate Type | | |
| Discharge | Airveyor | | |
| Motor | 37 kW (50 HP) | 90 kW (100 HP) | 90 kW (125 HP) |
| Drive | V-Belt | | |
| Electrical Components | Safety switches wired into common junction box | | |
| Controls | To suit voltage - 110V at operator station | | |
| Labels | Labels and plates provided for operator safety | | |
| Accessories | Conveyors, blowers, cyclone separators to suit application | | |
| Feed Height | 2175 mm (104 3/4") | | |
| Length | 2660 mm (104 3/4") | | |
| Width | 1473 mm (58") | 1778 mm (70") | 2184 mm (86") |
| Height | 3429 mm (125") | | |
| Weight | 4545 kg (10,000 lbs) | 5910 kg (13,000 lbs) | 7270 kg (16,000 lbs) |

DIMENSIONS

| Model | Dimensions, in. | | | | | |
|-------|-----------------|--------|--------|----|-----------------------------|--------|
| | A | B | C | D | E (Outside Dia.) Std Opt | |
| 2428 | 95-3/4 | 28-1/8 | 32-7/8 | 23 | 8 | 10, 12 |
| 2439 | 107-3/4 | 40-1/8 | 44-7/8 | 35 | 10 | 8, 12 |
| 2456 | 123-3/4 | 56-1/8 | 60-7/8 | 51 | 12 | 10 |

