



1600X Series Granulators

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1600X Series Granulators

Application:

The 1600X Premier 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 (15 to 23 kW), throughput capacities from 900 to 1800 lbs/hr (408 to 818 kgs/hr), and a wide range of sizes, there is a Cumberland granulator ideal for your specific needs.

1600X Premier Series 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 line for minimized friction and heat build-up.

Features:

Table with 5 columns: Model, Cutting Chamber, Cutting Circle Diameter, Throughput, Approximate Weight. Rows include models 1620x, 1628x, and 1640x.

Benefits:

- Pivoting hopper, drop-down removable screen cradle, and machined, bolted cutting chamber simplifies cleaning and maintenance.
• Low-profile, sound-attenuated in-feed systems for rotor hand or conveyor feed applications.
• D2 knives manufactured in-house utilizing Cumberland's proprietary process for heat treating ensures durability and long life.
• Oversized solid flywheel.
• 3-knife open-scooped with rotating end discs (knife carrier and 5-blade optional)
• 20 hp (15 KW) & 30 HP (23 kW) TEFC motors with 230/460 VAC
• Fly wheel/rotor (solid), drive belts, taper lock bearings, and adjustable motor base
• Totally enclosed for sound control, stationary with vibration pad
• Start/stop push button, complete set of safety interlocks

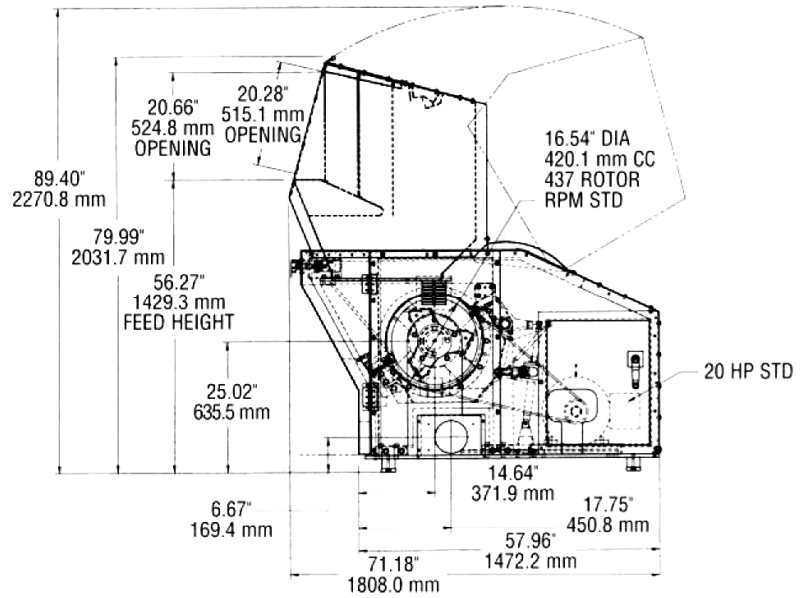
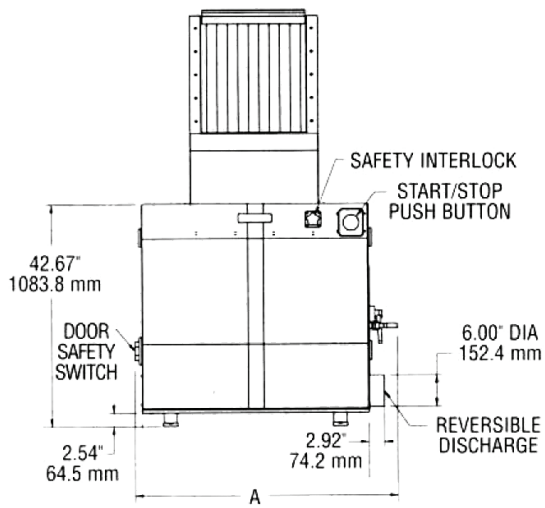
Options:

- Motor: 25, 30, or 40 HP TEFC motors
• In-feed: Sheet/profile/pipe/feed rolls
• Rotor: 3-and 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 1620X only
• Knives: D2 components and wear-resistant package
• Base: Caster-mounted
• Evacuation system

Specifications

Table with 7 columns: Model, Cutting Chamber, Rotor Knives, Discharge, Evacuation System, Motor, Controls. Rows include models 1620x, 1628x, and 1640x.





Dimensions

Model	Feed Height, in (mm)	Overall Height, in (mm)	Overall Length, in (mm)	Overall Width (A), in (mm)
1620x	56.27 (1429.3)	79.99 (2031.7)	71.18 (1808)	51.25 (1301.8)
1628x				59.25 (1505)
1640x				71.25 (1809)