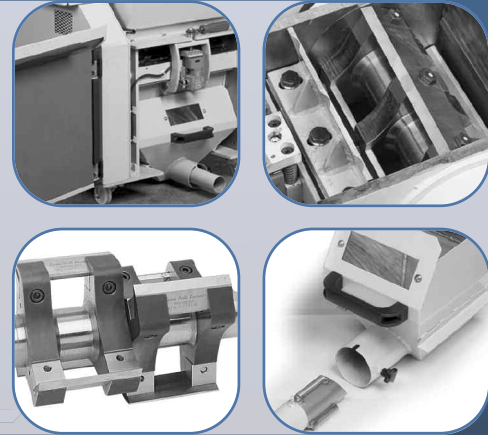


16 SERIES

Beside-the-Press Granulators



16 Series Offers Unmatched Versatility and Low Speed Granulation

Providing efficient and versatile granulation for a variety of applications, the 16 Series can be used with robot feed, conveyor feed, or hand feed operations. 16 Series granulators provide maximum cutting efficiency with their low speed, 3-knife open rotor design.

With cutting knives manufactured from D2 HCHC and heat-treated with Cumberland's proprietary process, the 16 Series handles virtually all types of molded plastics scrap.

Model	1620	1630	1640
Cutting Circle	160mm	160mm	160mm
Throughput (5mm screen)	40 kg./hr.	60 kg./hr	80 kg./hr.
Cutting Chamber	160mm x 200mm	160mm x 300mm	160mm x 400mm
Rotor Knives	(3) D2 HCHC	(3) D2 HCHC	(3) D2 HCHC
Stationary Knives	(2) D2 HCHC (2 edge)	(2) D2 HCHC (2 edge)	(2) D2 HCHC (2 edge)
Screen Hole Sizes	5, 3, 4, and 6mm	5,3,4, and 6mm	5,3,4, and 6mm
Motor	1.5, 2, or 3 kW	1.5, 2, or 3 kW	1.5, 2, or 3 kW
Electrical Components	Start/stop push buttons, safety interlocks	Start/stop push buttons, safety interlocks	Start/stop push buttons, safety interlocks
Controls	IP55	IP55	IP55
Feed Height	1300 mm	1300 mm	1300 mm
Overall Length	700 mm	700 mm	700 mm
Overall Width	520 mm	620 mm	720 mm
Weight	230 kg	240 kg	250 kg

Features

- Multi-feed hopper suitable for normal, conveyor or robot loading. Top section is reversible for easier feeding of long runners
- Removable flap assembly
- Bolted and doweled cutting chamber assembly with outboard, sealed-for-life bearings
- Three-knife, open rotor with scooped wings and slant-cut knives
- Counter slanted stationary knives provide true "scissor" cutting action
- All knives manufactured from D2 HCHC and heat treated using Cumberland's proprietary process
- Rotating end discs for low heat granulation and reduced friction wear
- High inertia flywheel with automatic drive belt tensioning
- TEFV motor and DOL starter in IP55 enclosure
- Safety interlocks, push buttons, safety labels and monitoring device all comply with CE regulations
- 3 hp belt drive

Options

Motor:

- 1.5, 2.2, and 3kW
- 1500 rpm for higher rotor speed

Rotor and Cutting Chamber:

- 6,9, and 12 staggered-knife, open rotor with wedge-held "cassette" knives
- Wear-resistant rotor, screen chamber components

Discharge:

- Compressed-air venturi system

Qualified for Many Applications

- Injection-molded runners and reject parts
- Small blow-molded parts and tops-tails
- Small extruded tubes and profiles
- Edge trims from sheet extrusion

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