

16 Series Beside-the-Press Granulators



The 16 Series dismantles quickly without tools for fast clean down. CE standard interlocks ensure operator safety.

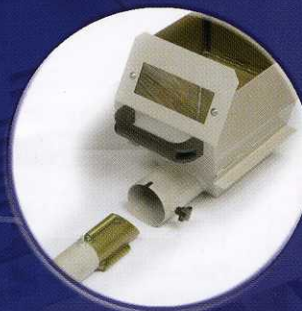
The versatile hopper is suitable for manual, conveyor or robot loading. Hopper pivots open for easy cleaning and flaps are removable.



Optional sound enclosed version for 75 to 80 dBA operating noise levels.



High inertia flywheel provides cutting power at slow speed (190rpm). Drive belt tensioner eliminates motor adjustment.



High capacity vacuum bins to suit customers extraction equipment. Optional high-level sensor and alarm.



The standard 3-knife open, scooped wing rotor provides application flexibility.

16 Series Beside-the-Press Granulators

Standard Features

- Multi-feed hopper suitable for manual, 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
- High inertia flywheel with automatic drive belt tensioning
- TEFV motor and DOL starter in IP55 enclosure
- Safety interlocks, push buttons, safety labels, monitoring device all comply with CE regulations

Standard Options

Motors:

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

Rotor and Cutting Chamber:

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

Discharges:

- Compressed air venturi system

Typical Applications:

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

Specifications

MODEL	1620	1630	1640
Cutting Circle	160 mm	160 mm	160 mm
Throughput (5mmØ screen)	40 kg/hr	60 kg/hr	80 kg/hr
Cutting Chamber	160 mm x 200 mm	160 mm x 300 mm	160 mm x 400 mm
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 Sizes	1.5 kw, 2.2 or 3	2.2kw, 1.5 or 3	3kw, 1.5 or 2.2
Electrical Components	push buttons, interlocks to CE standards	push buttons, interlocks to CE standards	push buttons, interlocks to CE standards
Controls (enclosure)	IP55	IP55	IP55
Feed Height	1300mm	1300mm	1300mm
Aproximate Overall Dimensions L x W x H	700 x 520 x 1300mm	700 x 620 x 1300mm	700 x 720 x 1300mm
Weight	230 kg	240 kg	250 kg



60 years of innovation

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