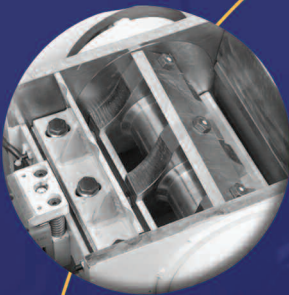


# 16 Series Beside-the-Press Granulators

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



Optional sound enclosure for 75 to 80 dBA operating noise levels.



High-capacity vacuum bins to suit customer's extraction equipment with optional high-level sensor and alarm.



## Unmatched Versatility and Precision 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.

# 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 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

## Available Options

### Motor:

- 1.5, 2.2, and 3kW
- 1500rpm 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 and 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

## Specifications

MODEL	1620	1630	1640
Cutting Circle	160 mm	160 mm	160 mm
Throughput (5mm 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	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)

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