

65 Series Beside-the-Press Granulators

Optional staggered rotor expands machine versatility and allows optimized processing of engineered polymers and difficult product forms.



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



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



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



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



Unmatched Versatility & Precision Low Speed Granulation

Cumberland's new 65 Series granulators are the latest addition to the A Series beside-the-press line. Providing efficient and versatile granulation for a variety of applications, the 65 Series can be used with robot feed, conveyor feed or hand feed operations.

65 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 65 Series handles virtually all types of molded plastic scrap.

65 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
- Innovative flap assembly specifically designed to be removed quickly and easily
- 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
- TEFC motor and NEMA Type 12 enclosure
- Safety interlocks, push buttons, safety labels and monitoring device
- 3 HP belt drive

Available Options

Motor:

- 5 HP

Rotor and Cutting Chamber:

- Staggered-knife, open rotor with wedge-held "cassette" knives
- Wear-resistant rotor, screen and chamber components

Discharge:

- Compressed air venturi system

Machine:

- Complete sound enclosure

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	6508	6512	6516
Cutting Circle	6.5" (160 mm)	6.5" (160 mm)	6.5" (160 mm)
Throughput	Up to 150 lbs/hr (40 kg/hr)	Up to 200 lbs/hr (60 kg/hr)	Up to 300 lbs/hr (80 kg/hr)
Cutting Chamber	6.5" x 8" (160 mm x 200 mm)	6.5" x 12" (160 mm x 300 mm)	6.5" x 16" (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	3/16", 1/4", 5/16"	3/16", 1/4", 5/16"	3/16", 1/4", 5/16"
Motor	3 HP (2.25 kW)	3 HP (2.25 kW)	3 HP (2.25 kW)
Electrical Components	Start/stop push buttons, safety interlocks	Start/stop push buttons, safety interlocks	Start/stop push buttons, safety interlocks
Controls	NEMA Type 12	NEMA Type 12	NEMA Type 12
Feed Height	51" (1300 mm)	51" (1300 mm)	51" (1300 mm)
Overall Length	27" (700 mm)	27" (700 mm)	27" (700 mm)
Overall Width	20" (520 mm)	24" (620 mm)	28" (720 mm)
Weight	510 lbs (230 kg)	530 lbs (240 kg)	550 lbs (250 kg)



CORPORATE HEADQUARTERS

100 Roddy Avenue
South Attleboro, MA
02703-7951

TEL: (508) 399-6400

FAX: (508) 399-6653

www.cumberland-plastics.com

Daniels Industrial Estate
Bath Road, Stroud
Gloucestershire GL5 5AL
England
TEL: (44) 1453-762261
FAX: (44) 1453-751007

REGIONAL SERVICE CENTERS

West Coast Service Center
780 Milliken Avenue, Suite C
Ontario, CA 91761
FAX: (909) 390-8143

(800) 229-2919

Central Service Center
10605 Widmer
Lenexa, KS 66215
FAX: (913) 327-1969

East Coast Service Center
100 Roddy Avenue
South Attleboro, MA 02703
FAX: (508) 399-6306

ACS Tech Center
4100 Market Place
Flint, MI 48507
TEL: (810) 720-7300
FAX: (810) 720-2598



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