



FX1000 SERIES

Beside-the-Press Granulators



Shown with Optional Bolt-On Multi-Position Tray

Technical Specifications

Cumberland's Beside the Press FX1000 Series allows easy access to the screen cradle and cutting chamber. The rotor is wide open, making cleaning and knife changes quick and easy. An improved discharge seal minimizes regrind leakage, while a larger discharge bin offers more uptime. Optional viewing windows on the hopper offer the opportunity to watch material being processed. This gives you the ability to gauge how full the cutting chamber is and verify consistent material flow without having to shut the machine down.

Features

SUPERIOR MAINTENANCE ACCESS

- Industry leading access to cutting chamber and screen cradle.
- Improved all discharge seals and increased manual bin volume.
- Hopper viewing windows for instant visual of the cutting chamber.

APPLICATION FLEXIBILITY

- Tangential and offset chamber geometry provides flexibility to size the chamber to your exact production needs.
- Configure your system with a variety of customizable options such as infeeds, hopper styles, and evacuation systems.

ENHANCED SAFETY

- Category 3 redundant safety circuit, with 2 sets of contacts, short circuit protection, meeting ISO-12100 standards.
- Zero speed monitoring

Standard Features

- Steep Angle Rotor Knives
- 3 Blade Open Rotor
- 2 Bed Knives
- 1 Piece Reversible Screen
- Double-Walled Hopper & Base Construction
- NEMA 12 Control Enclosure for 230 or 460 Volts
- Tangential Chamber Geometry

Optional Features

- Offset Cutting Chamber
- Abrasion Resistant Cutting Chamber (1018)
- Conveyor Feed Hopper with Window
- Adjustable Tray Feed, Side Feed Hopper, Feedroll Infeed, or Custom Hoppers Available
- Digital Amp Meter with Dual Set Point
- CE Compliant or Custom Voltages Available
- Machine Mounted Blower, Vacuum or Airveyor Discharges

Typical Applications

- Injection molded runners and reject parts
- Blow-molded parts and tops/tails
- Extruded tubes and profiles
- Edge trims from sheet extrusion



Specifications

Model	FX1012	FX1018
Cutting Chamber	10" x 12" (254 mm x 305 mm)	10" x 18" (254 mm x 457 mm)
Rotor Diameter	10" (254 mm)	10" (254 mm)
Rotor Speed	440 rpm	
Throughput*	450 lbs/hr (204 kg)	550 lbs/hr (249 kg)
Feed Height	50.4" (1280 mm)	
Dimensions (L x W x H)	30.1" x 49.0" x 70.1" (765 mm x 1245 mm x 1781 mm)	36.1" x 49.0" x 70.1" (917 mm x 1245 mm x 1781 mm)
Weight	1,750 lbs (794 kg)	1,940 lbs (880 kg)
Standard Features		
Cutting Chamber	Tangential	
Infeed	Tray/Conveyor Feed	
Motor HP	5 HP	
Drive Parts	Solid Flywheel	
Discharge	Manual Bin	
Rotor	3 Blade Open	
Optional Features		
Cutting Chamber	Offset	Offset, Abrasion Resistant
Infeeds	Bolt-On Multi-Position Tray, Sheet Feed & Hopper, Top Flared Chute FlexFeed: Side Pipe Feed, Viewing Window, Cover Plate, Rectangular Side Feed	
Motor HP	10 HP, 15 HP	10 HP, 15 HP
Discharge	Vacuum Bin, 4" Airveyor, Machine Mounted, Blower/Cyclone	

*Throughputs are estimates only and will vary based on material, screen size, feed method, etc

