

FX700 SERIES

Beside-the-Press Granulators



Technical Specifications

Sterling's Beside the Press FX700 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.
- Optional hopper viewing windows for instant visual of the cutting chamber.

APPLICATION FLEXIBILITY

- Configure your system with a variety of customizable options such as infeeds, hopper styles, and evacuation systems.

ENHANCED SAFETY

- Optional Category 3 redundant safety circuit with 2 sets of contacts, short circuit protection, meets ISO-12100 standards.
- Hopper viewing windows (optional) and sound dampened enclosures.

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

Optional Features

- Abrasion Resistant Cutting Chamber (716)
- Vacuum Discharge
- Digital Amp Meter with Dual Set Point
- CE Compliant or Custom Voltages Available
- Hopper Viewing Windows
- Category 3 Redundant Safety Circuit

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 | FX708 | FX712 | FX716 |
|--------------------------|--|--|--|
| Cutting Chamber | 6.5" x 8" (165 mm x 203 mm) | 6.5" x 12" (165 mm x 305 mm) | 6.5" x 16" (165 mm x 406 mm) |
| Rotor Diameter | 6.3" (106 mm) | | |
| Rotor Speed | 280 rpm | | |
| Throughput* | 100 lbs/hr (45 kg) | 150 lbs/hr (68 kg) | 200 lbs/hr (91 kg) |
| Feed Height | 52.6" (1336 mm) | | |
| Dimensions (L x W x H) | 23.6" x 25.9" x 52.6" (600 mm x 658 mm x 1336 mm) | 27.2" x 25.9" x 52.6" (691 mm x 658 mm x 1336 mm) | 31.2" x 25.9" x 52.6" (792 mm x 658 mm x 1336 mm) |
| Weight | 540 lbs (245 kg) | 590 lbs (268 kg) | 650 lbs (293 kg) |
| Standard Features | | | |
| Infeed | Top Feed | | |
| Motor HP | 5 HP | | |
| Drive Parts | Solid Flywheel | | |
| Discharge | Manual Bin | | |
| Rotor | 3 Blade Open | | |
| Optional Features | | | |
| Cutting Chamber | | | Abrasion Resistant |
| Infeed | Viewing Windows, 4-Sided Flared Chute, Custom Infeed | | |
| Discharge | Vacuum Bin 1.5", 2", or 2.5", High Level Indicator | | |

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

