Technical Specifications

Sterling’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

<table>
<thead>
<tr>
<th>SUPERIOR MAINTENANCE ACCESS</th>
<th>APPLICATION FLEXIBILITY</th>
<th>ENHANCED SAFETY</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Industry leading access to cutting chamber and screen cradle.</td>
<td>• Tangential and offset chamber geometry provides flexibility to size the chamber to your exact production needs.</td>
<td>• Category 3 redundant safety circuit, with 2 sets of contacts, short circuit protection, meeting ISO-12100 standards.</td>
</tr>
<tr>
<td>• Improved all discharge seals and increased manual bin volume.</td>
<td>• Configure your system with a variety of customizable options such as infeeds, hopper styles, and evacuation systems.</td>
<td>• Zero speed monitoring</td>
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<tr>
<td>• Hopper viewing windows for instant visual of the cutting chamber.</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Model</th>
<th>FX1012</th>
<th>FX1018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutting Chamber</td>
<td>10” x 12” (254 mm x 305 mm)</td>
<td>10” x 18” (254 mm x 457 mm)</td>
</tr>
<tr>
<td>Rotor Diameter</td>
<td>10” (254 mm)</td>
<td>10” (254 mm)</td>
</tr>
<tr>
<td>Rotor Speed</td>
<td>440 rpm</td>
<td></td>
</tr>
<tr>
<td>Throughput*</td>
<td>450 lbs/hr (204 kg)</td>
<td>550 lbs/hr (249 kg)</td>
</tr>
<tr>
<td>Feed Height</td>
<td>50.4” (1280 mm)</td>
<td></td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>30.1” x 49.0” x 70.1” (765 mm x 1245 mm x 1781 mm)</td>
<td>36.1” x 49.0” x 70.1” (917 mm x 1245 mm x 1781 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>1,750 lbs (794 kg)</td>
<td>1,940 lbs (880 kg)</td>
</tr>
</tbody>
</table>

### 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
- **Discharge**: Vacuum Bin, 4” Airveyor, Machine Mounted, Blower/Cyclone

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