COLD SAWS

OMP

Fully Automatic High Production Circular Cold Saw Lines

Sold and Supported by Pat Mooney Saws
MATIC 315

Fully Automatic High Production Circular Cold Saw
- Fully Automatic Operation with Bundle Loading System
- Power Roller Feeding System with Encoder and Length Stop
- Available with Servo Controlled or Manually Set Length Stops
- Easy Setup with the Touch Screen Control

Available Models:
1B, 2B, 3B, 4B Power Roller Feed with Manual Length Stop (up to 4 stops available)
CNB CNC Servo Motor Controlled Automatic Length Stop (Max of 12 lengths within each program)

EUROMATIC 370

Fully Automatic High Production Circular Cold Saw with Automatic Mitering
- Fully Automatic Operation with option for Bundle Loading System
- Automatic Saw Head Rotation +/-60°
- Material Feed System by Power Roller Feeding System with Encoder and Servo Controlled Length stop or Ballscrew and Servo Controlled Gripper Vise
- Easy Setup with the Touch Screen Control

Available Models:
1B, 2B, 3B, 4B Power Roller Feed with Manual Length Stop (up to 4 stops available)
PP Gripper Vise with Lead Screw
CNP Gripper Vise with Servo Motor and Precision Ball Screw (59" stroke)
CNB CNC Servo Motor Controlled Automatic Length Stop (Max of 12 lengths within each program)
KR3 Automatic Miter Saws
Replace 2 Band Saws with a Single Machine

Available Models:
K3 Straight Cut
KR3 Automatic Saw Head Rotation via Servo Motor (Miters +60 and -75 degrees)

K3 AND KR3
Fully Automatic High Production Circular Upcut Cold Saw
• CNC Fully Automatic Operation with option for Bundle Loading System
• Infeed and Outfeed Vises controlled via Ballscrew and Servo
• Easy Setup with the Touch Screen Control
• Inverter Controlled Variable Saw Blade Speed
• Ability to run HSS or Carbide Tipped Saw Blades

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Matic 315</th>
<th>Euromatic 370</th>
<th>K3</th>
<th>KR3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutting Capacity - Round</td>
<td>3”</td>
<td>4-3/4”</td>
<td>6-3/4”</td>
<td>6”</td>
</tr>
<tr>
<td>Cutting Capacity - Square</td>
<td>3”</td>
<td>4-1/3”</td>
<td>6”</td>
<td>5-1/8”</td>
</tr>
<tr>
<td>Maximum Blade Diameter</td>
<td>315 mm</td>
<td>370 mm</td>
<td>550 mm</td>
<td>550 mm</td>
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<tr>
<td>Miter Cut</td>
<td>N/A</td>
<td>± 60 degrees</td>
<td>N/A</td>
<td>+60, -75</td>
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<tr>
<td>HP</td>
<td>4.5</td>
<td>5.5</td>
<td>13.5</td>
<td>13</td>
</tr>
<tr>
<td>Weight</td>
<td>4,620 LBS</td>
<td>4,400 LBS</td>
<td>9,020 LBS</td>
<td>8,500 LBS</td>
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<tr>
<td>Loader Racks</td>
<td>CS, CM, P</td>
<td>CS, CM, P</td>
<td>HD-CM, P</td>
<td>HD-CM, P</td>
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</tbody>
</table>
LOADER TYPES

CS – Inclined loading rack for tubes and bars

CM and HD CM – Bundle loading system with belt for tubes and bars

P – Flat magazine loader with chains, for loading profiles

ADDITIONAL SYSTEMS

Deburring

Chamfering

Automatic Bundling Systems

Multihead Cutting Lines