

## 500 Ton Gib-Guided Hot Forging Press



<b>Tonnage:</b>	500
<b>Application:</b>	Forging
<b>Industry:</b>	Mining Equipment
<b>Frame Style:</b>	Gib-Guided
<b>Special Features:</b>	<ul style="list-style-type: none"> <li>• 8-Point Gib Guidance system</li> <li>• Variable Frequency Drive</li> <li>• Recipe Handling</li> <li>• Programmable Speed Control</li> <li>• Pre-fill Circuit</li> </ul>

### Custom Features:

- 8-point square gib-guidance system minimizes lateral movement under load
- Used to hot forge parts in the mining industry
- Parker SSD Variable Frequency Drive for increased energy efficiency & control
- Prefill circuit for improved energy efficiency & speed
- Calculated Ram Speeds: 0-274 IPM Approach; 0-75 IPM Pressing; 365 IPM Return
- Dwell Capability
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler
- Light curtains guard the front & rear openings; bolt-on expanded metal guards cover side openings

### Common Features on Beckwood Presses:

- Heavy duty box beam design for superior rigidity and modular tie rod assembly utilizing pre-tensioning nuts for optimum performance
- Fully adjustable Parker cylinders with full rated tonnage throughout the stroke
- PressLink Remote Support module for complementary diagnostics & troubleshooting
- Dual linear and pressure transducers in the main ram cylinders for optimal reliability and redundancy
- Allen Bradley or Siemens PLC, programmable control system with touch screen HMI and Recipe Functionality
- Structure designed for Infinite Life in accordance with rigorous simulation analysis through FEA (Finite Element Analysis) design testing
- Backed by Beckwood's industry leading dedicated service and support team



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Gib-Guided Presses

Learn more about Forging