

450 Ton Gib-Guided Forming Press

Tonnage:	450
Application:	Forming
Industry:	Consumer Products
Frame Style:	Gib-Guided
Special Features:	<ul style="list-style-type: none"> • 8-Point Gib Guidance System • ANSI B11.2 Compliant • Quick Die Change System • Vibration Dampening Pads



Custom Features:

- Used to form aluminum rafter squares
- 60"x100" magnetic bed and ram platens provided for clamping the tool to the upper and lower bolsters
- 8-point square gib guidance system minimizes lateral movement under load
- Conforms to ANSI Hydraulic Power Press Safety Standard B11.2
- Light curtains guarding the front and rear openings of the press; bolt on expanded metal guarding on the sides of the press
- Interlocking safety die blocks for maintenance and tool change
- Hydraulic die lifters and die consoles facilitate quick die change
- Vibration dampening pads provided to absorb mechanical energy for overall system protection
- Crown mounted power system and reservoir
- Calculated Ram Speeds: Fast Approach: 394 IPM, Pressing: 45 IPM, Return: 411 IPM
- Kidney loop filter/cooler circuit with thermostatically controlled fan motor

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

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Forming presses