

500 Ton Gib-Guided Blanking Press



Tonnage:	500
Application:	Blanking, Drawing
Industry:	Aerospace
Frame Style:	Gib-Guided
Special Features:	<ul style="list-style-type: none"> • 8 point gib guidance system • Part ejector cylinder • Programmable bed cushion

Custom Features:

- Used to both deep draw & blank various parts for use in the aerospace industry
- 8-point square gib-guidance system minimizes lateral movement under load
- 5 to 125 ton bed cushion featuring dynamic control through four (4) travel zones
- Part ejector cylinder on press center
- Programmable 200 ton, 10" stroke active dampening system aids off-center-loaded applications and reduces breakthrough shock
- Calculated Ram Speeds: Fast Approach: 882 IPM; Pressing; 0-52 IPM; Return: 919
- Kidney loop filter/cooler circuit with thermostatically-controlled electric water/oil heat exchanger
- Light curtain guards 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

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Punching & Blanking