

800 Ton Multi-Action Drawing Press



Tonnage:	800
Application:	Triple Action Drawing
Industry:	Aerospace
Frame Style:	Gib-Guided
Special Features:	<ul style="list-style-type: none"> • Multi-ram design • Bed cushion

Custom Features:

- Used to draw-form high-strength alloys for the aerospace and defense industry
- 8-point square gib-guidance system minimizes lateral movement under load
- 80-800 ton draw ram bolster
- 10-300 ton clamp ram bolster with fixed stops
- 10-150 ton bed cushion/part ejector featuring dynamic control through four travel zones
- Light curtains guard the front and rear openings of the press; bolt-on expanded metal guarding cover side openings
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler
- Crown mounted power system and reservoir
- Calculated Ram Speeds:
 - Draw Ram: Fast Approach 6-64 IPM; Pressing 3-32 IPM; Return 6-67 IPM
 - Clamp Ram: Fast Approach 13-131 IPM; Pressing 13-131 IPM; Return 26-268 IPM
 - Bed Cushion: Extend 89 IPM; Retract 10-160 IPM

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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