

500 Ton 4-Post Deep Draw Press



Tonnage:	500
Application:	Deep Drawing
Industry:	Safety, Aerospace
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Programmable Bed Cushion • Knockout Cylinder • Variable Frequency Drive • Fluid Health Monitoring • SITEMA Ram Safety Catching System

Custom Features:

- Used to deep draw fire extinguisher components for use in aircraft by a leading safety systems supplier
- (4) 6" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Parker SSD Variable Frequency Drive for increased energy efficiency and control
- Proportionally controlled bed cushion allows for dynamic cushion control through four travel zones
- On-board fluid health monitoring system with early warning indicators
- Ram knockout cylinder
- Calculated Ram Speeds: Approach: 15-45 IPM; Return: 170-492 IPM
- Light curtain guards the front & rear openings; bolt-on expanded metal guards cover side openings
- SITEMA Ram Safety Catching System (RSCS) provides redundant load holding capability of the ram at any position throughout the stroke
- Jokab safety PLC to monitor performance of included safety monitored valves and RSCS

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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Learn more about our
4-Post presses

Learn more about Deep Drawing