

1400 Ton 4-Post Triple Action Press



Tonnage:	1400
Application:	Triple Action Bulge Forming
Industry:	Aerospace
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Multi-ram design • Variable Frequency Drive • Autonomous fluid fill system • UL listed electrical components

Custom Features:

- Used to bulge-form high strength alloys in the aerospace industry
- (4) 12" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance & rigidity
- 90 - 1400 ton main ram cylinder
- 10 - 225 ton up-acting quill cylinder with 2 - 25 ton retract capability
- 2 - 50 ton down-acting knockout cylinder with 1 - 25 ton retract capability
- Area scanners provided for increased operator safety
- Parker SSD Variable Frequency Drive for increased energy efficiency & control
- Autonomous fluid fill system capable of part volumes up to at least 150 gallons
- Auxiliary manifolds mounted to the sides of the press provide a source for auxiliary hydraulic cylinders, fill and drain ports for the fluid fill system
- All electrical components are UL Listed
- Calculated Ram Speeds: Fast Approach 386 IPM; Pressing 0.5 - 10 IPM; Return 309 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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Learn more about our
Multi-Action presses

Learn more about Bulge Forming