

150 Ton 4-Post Bulge Forming Press

Tonnage:	150
Application:	Bulge Forming
Industry:	Safety
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Pneumatic Die Rollers • Delta Motion Controller • Go/No-Go functionality



Custom Features:

- Used to bulge form rupture discs for the safety industry
- Pace 6000 pneumatic bulge forming unit provided to control the air pressure
- (4) 4" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- (2) U-slots provided for 24" long pneumatic die rollers in bed
- Light curtains guarding the front and rear openings of the press; bolt-on expanded metal guarding on the sides
- Delta high speed motion controller provided for superior pressure accuracy to within $\pm 1\%$ of full system pressure
- Load cell mounted on the main ram cylinder to provide force feedback
- Integrated with Go/No-Go functionality; if any performance variables fall outside the programmed window of acceptance, the part will be deemed "No-Go" or unacceptable and a red light will be displayed
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler
- Calculated Ram Speeds: Pressing: 0- 44 IPM; Return: 0- 79 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
4-Post presses

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