Beckwood
HYDRAULIC PRESSES & MACHINERY

2500 Ton Gib-Guided Bulge Forming Press

Tonnage:	2500
Application:	Bulge Forming & Scoring
Industry:	Safety
Frame Style:	Gib-Guided
Special Features:	• Quick Die Change system • 8-point square gib guidance system

Custom Features:

- Used to bulge form large-diameter rupture discs for high-pressure systems
- Quick die change system features infinitely adjustable die consoles and hydraulic die rollers in the bed
- Delta high speed motion controller for superior pressure and positional accuracy and control during scoring operations
- Pneumatic air pump improves energy efficiency and ensures pressure is held in the event of a power loss during the “Bulge Form” mode
- 8-point square gib guidance system minimizes lateral movement under load
- Light curtains protect the front and rear openings of the press
- Crown mounted power system and reservoir
- Kidney loop filter/cooler circuit with thermostatically-controlled water modulation valve
- Ram Speeds: Approach 50 IPM; Pressing 2-8 IPM; Return 32 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

MADE IN THE USA

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Learn more about our Gib-Guided presses

Learn more about Bulge Forming