

# 3500 Ton Gib Guided Bulge Forming Press

<b>Tonnage:</b>	3500
<b>Application:</b>	Bulge Forming
<b>Industry:</b>	Oil & Gas
<b>Frame Style:</b>	Gib Guided
<b>Special Features:</b>	<ul style="list-style-type: none"> <li>• Pneumatic or Hydro bulge forming capabilities</li> <li>• Fluid Health Monitoring System</li> <li>• 30' trolley system with collision detection</li> </ul>



## Custom Features:

- Used to bulge form tank heads for the oil & gas industry
- Pneumatic or Hydro bulge forming capabilities to accommodate customer's existing tooling
- 8-point square gib-guidance system minimizes lateral movement under load
- 160" x 160" working area
- Closed loop pneumatic bulge form control, capable of 750 psi max, integrated into the recipe handling system of the press
- (4) chain travel clamps with 30,000lb capacity for easy tool mounting
- 30' trolley system with collision detection system for part and tool loading and unloading
- Automated polycarbonate safety doors guard the front and rear openings of the press
- Fluid Health Monitoring System to ensure oil cleanliness and component health
- Hydraulically actuated die safety blocks with receptacle provided for ram retention
- Crown mounted power system and reservoir
- Calculated Ram Speeds: Approach: 87 IPM; Pressing: 18 IPM; Return: 22 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 using Finite Element Analysis (FEA) simulation software
- Backed by Beckwood's industry leading dedicated service and support team



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Learn more about our  
Gib Guided presses

Learn more about Bulge Forming