

## 50 Ton Hot Joggle Press

<b>Tonnage:</b>	50
<b>Frame Style:</b>	4-Post
<b>Application:</b>	Joggle Forming
<b>Industry:</b>	Aerospace
<b>Special Features:</b>	<ul style="list-style-type: none"> <li>• Anti-rotation feature in ram</li> <li>• Gib-guided side acting clamp cylinders</li> </ul>



### Custom Features:

- Non-heated bed bolster is 20”L x 36”W x 3.5”D and serves as mounting surfaces for the heated lower fixture
- Anti-rotation ram is machined for attachment of customer provided tooling
- (2) Chrome housing posts with oversized poured/cast ram guide bushings for superior ram guidance and rigidity
- Bed fixture is furnished multi-zone heaters for heating up to 450° F
- (2) gib-guided side acting clamp cylinders connected to a side-acting ram to eliminate horizontal movement and prevent die misalignment
- Light curtains guarding the front and rear openings of the press; bolt on expanded metal guarding on the sides of the press
- Reservoir and power system are mounted underneath the press
- Kidney loop filter/cooler circuit with thermostatically-controlled water-oil heat exchanger
- Calculated Ram Speeds: Extend 52 IPM; Return 100 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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