

## 100 Ton 4-Post Hot Forming Press

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| <b>Tonnage:</b>          | 100  |
| <b>Application:</b>      | Hot Forming  |
| <b>Industry:</b>         | Aerospace  |
| <b>Frame Style:</b>      | 4-Post   |
| <b>Special Features:</b> | <ul style="list-style-type: none"> <li>• Programmable side rams</li> <li>• Capable of running water glycol fluid in the HPU</li> </ul> |



### Custom Features:

- Used to hot form titanium and aluminum parts in the aerospace industry
- Dual programmable side ram system equipped with 10" of automatic vertical adjustment, and 8" of horizontal stroke
- Side Rams can be synchronized or run individually. Side rams are fully integrated into the recipe handling system
- Engineered to accept customer-provided heated platens and insulation
- (4) 5" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- HPU designed to run a water glycol fluid
- Calculated Ram Speeds: Pressing: 10-39 IPM, Return: 77 IPM
- Kidney loop filter/cooler circuit with thermostatically-controlled water-oil heat exchanger

### 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  
FRAME STYLE presses

Learn more about APPLICATION