

150 Ton 4-Post Hot Forming/SPF Press

Tonnage:	150
Application:	Hot Forming/SPF
Industry:	Aerospace
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • High-temperature heated platens • Insulated automatic doors • Active Leveling Control



Custom Features:

- Used for hot forming and superplastic forming of titanium for the aerospace industry
- (4) chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Equipped with four-axis Active Leveling Control (ALC) for precision bed to ram parallelism
- (2) 30" x 60" Duraloy TMA-4505 electrically-heated platens with multiple zones of temperature control up to 1,600°F
- Chilled platen with inlet and outlets can be connected to customer-provided water source
- Insulated automatic door system grants 4-sided access while maximizing heat efficiency
- Data acquisition systems for capturing critical process data and exporting it in the preferred format
- Kidney loop filter/cooler circuit with thermostatically-controlled water-oil heat exchanger
- Calculated Ram Speeds: Pressing: 0.125-60 IPM; Return: 0-106 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



889 Horan Drive
St. Louis, MO 63026 - USA
800.737.0111
beckwoodpress.com
sales@beckwoodpress.com

Learn more about our
4-Post presses

Learn more about Hot Forming/SPF