

150 Ton Multi-Action Hot Forming Press



Tonnage:	150
Application:	Hot Forming, Forging, General Forming
Industry:	Agriculture
Frame Style:	Non-Traditional: 5-Post
Special Features:	<ul style="list-style-type: none"> • Multi-ram, 5-post press design • Ram Safety Catcher System • Programmable Pressure Control

Custom Features:

- Used to form disc blades for the agriculture industry
- Dwell capability integrated into customer provided in-die water cooling system
- Multi-ram press design; each ram is equipped with (4) self-lubricating replaceable ram guide bushings
- Hydraulic Ram Safety Catcher System provided for secondary holding of ram the in any position during the stroke and is designed for the static load of the ram and tooling
- Bolt-on expanded metal guard the side and rear of the press
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler
- Proportional valve provides programmable pressure control
- Additional I/O for robot & line controller PLC handshakes, die purging, etc.
- Calculated Ram Speeds: Fast Approach: 616 IPM; Low Ton Pressing: 196 IPM; Medium Ton Pressing: 147 IPM; High Ton Pressing: 104 IPM; Slow Retract: 353 IPM; Fast Retract: 493 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

**Note: The parts are heated in excess of 900-degrees F in a furnace before entering the press. The press itself is not heated.*



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

Learn more about our
Non-Traditional Frame Styles

Learn more about
Multi-Action Presses