

115 Ton 4-Post Compression Molding Press

Tonnage:	115
Application:	Compression Molding
Industry:	Consumer Products
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Hot oil heating system • 6 forming cavities • Up-acting ram



Custom Features:

- Used in flat sheet compression molding in a heat treating process for a major cleaning products manufacturer
- (4) 4" diameter chrome housing posts with oversized poured/cast ram guide bushings for superior ram guidance and rigidity
- Hot oil heating system with maximum temperature of 550°F
- (5) suspended oil-heated platens for a total of (6) cavities
- Each platen is machined to provide (2) oil circulation zones for a total of (14) zones
- Vibration dampening pads provided to absorb mechanical energy for overall system protection
- Skid mounted power system and reservoir
- Fixed stops for dimensional tolerance control
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler
- Dwell capability
- Calculated Ram Speeds: Pressing: 76 IPM; Return: 94 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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4-Post presses

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Compression Molding