

250 Ton 4-Post Compression Molding Press

Tonnage:	250
Application:	Compression Molding Composite Forming
Industry:	Aerospace; R&D
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Up-acting ram • Dwell capability • Knockout cylinder • Multi-zone heated platens



Custom Features:

- Used in an R&D capacity to form lightweight composite materials for the aerospace industry
- (4) 5" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Up-acting ram
- Dwell capability
- 12-ton knockout (ejector cylinder) fixed in the upper platen
- (2) 28" x 28" heated platens with multiple zones of temperature control for ultimate uniformity
- Light curtains guarding the front opening of the press
- Skid mounted power system and reservoir
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler
- Calculated Ram Speeds: Fast Approach: 254 IPM; Pressing: 1-26 IPM; Return: 203 IPM
- Sound deadening skins around the HPU reduce the overall operational noise

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
4-Post presses

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Compression Molding