

100 Ton 4-Post Compression Molding Press



Tonnage:	100
Application:	Compression Molding, Composite Forming
Industry:	Aerospace
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Quick Die Change System • Multi-zone pressure Control • Pre-preventive Maintenance System

Custom Features:

- Used to form composite material into Thermoplastic Laminate Brackets for the aerospace industry
- (4) 4" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Swing-in, hydraulically actuated die clamps and hydraulic die lifters to facilitate quick die change
- (3) zones of pressure control for improved accuracy
- Light curtains guarding the front and rear openings of the press
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler
- Equipped with Beckwood's Pre-Preventive Maintenance system (PPM) to eliminate unplanned downtime
- Calculated Ram Speeds: Fast Approach: 50-469 IPM; Pressing: 5-44 IPM; Slow Open: 60-660 IPM; Fast Return: 60-660 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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Learn more about our
4-Post presses

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Compression Molding