

1000 Ton 10-Post Compression Molding Press

Tonnage:	1000
Application:	Compression Molding
Industry:	Aerospace, Automotive
Frame Style:	Non-traditional: 10-Post
Special Features:	<ul style="list-style-type: none"> • Multi-zone heated platens • Up-acting • Photo eye technology • Die Rollers



Custom Features:

- Used for heated compression molding by a leading supplier of honeycomb panels
- (5) zones of force control, each consisting of (2) hydraulic cylinders
- Up-acting ram equipped with (1) 44"x144" solid plate surface that serves as a mounting surface for lower heated platen
- (10) 6.6" diameter oversized ram guide bushings for superior ram guidance and rigidity
- Photo eye technology provided for each force zone to sense the presence of tooling and automatically activate the appropriate force zone(s)
- 44" x 140" hot oil heated platens with multiple zones of temperature control for ultimate uniformity
- Wardcraft High-Temp Tee-Lift Roller system with appropriate pneumatic controls provided for Quick Die Change
- Calculated Ram Speeds: Approach: 19 IPM; Pressing: 3.8 IPM; Return: 18 IPM
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler

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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Non-traditional presses

Learn more about
Compression Molding