

170 Ton Horizontal Compression Molding Press

Tonnage:	170
Application:	Compression Molding Composite Forming
Industry:	Transportation
Frame Style:	Non-Traditional
Special Features:	<ul style="list-style-type: none"> Hydraulically-controlled actuating systems



Custom Features:

- Used to form composite railroad ties for the transportation industry
- 170-ton plunger ram consists of (1) 12" bore push cylinder and (2) 4" bore retract cylinders
- 23" OD plunger x 69" stroke
- (3) Hydraulically-controlled actuating systems
- Skid mounted power system and reservoir
- Filter/cooler circuit with thermostatically-controlled water-oil heat exchanger
- Plunger Speeds: Fast Approach: 200 IPM, Compression: 42 IPM, Return: 257 IPM
- Bronze wear support system in base of cylinder for support of plunger

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
Non-Traditional Frame Styles

Learn more about
Compression Molding