

550 Ton 4-Post Pre-Form Press

Tonnage:	550
Application:	General Forming Pre-Forming
Industry:	Automotive
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Dual Bed Shuttles • Area Scanners for added safety



Custom Features:

- Used to pre-form and cure rubber tires for industrial vehicles
- (4) 8" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Dual hydraulically actuated bed shuttles for loading and unloading - each with mold capacity of 5,000 lbs
- Ejector system - each shuttle equipped with a lower 4-ton ejector outside press area with 10" stroke
- Area scanners provided for increased operator safety
- Bolt on expanded metal guards with safety interlocks cover the side openings
- Kidney loop filter/cooler circuit with thermostatically controlled fan motor
- Calculated Ram Speeds: Approach: 75 IPM; Pressing: 0-21 IPM; Stripping: 0-28 IPM; Return: 249 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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