

20 Ton 4-Post Dual-Action Press

Tonnage:	20
Application:	Dual Action Compression Molding
Industry:	Transportation
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Dual acting, • Multi-cavity • Pneumatic dwell cycle • Steam-heated platens



Custom Features:

- Used to pre-heat molds for a construction equipment manufacturer
- Upper cavity forming pressure 20 tons, lower cavity forming pressure 20 tons
- Both presses share a common HPU (Hydraulic Power Unit) and Controls System
- (8) chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Mold extraction system allows for fork truck removal of larger molds
- Upper cavity's force created by "pull-up" action cylinders, lower cavity force created with up acting cylinders
- Platens are drilled and plugged for serpentine flow of steam heating up to 275° F
- (2) pneumatic dwell systems allow the primary electric motor & pump to be turned 'off' during prolonged dwell periods for increased energy efficiency and reduced noise
- Globe valves for regulating steam flow through platens
- Emergency steam shutoff
- Decompression circuit included for the springs inside of the molds
- Calculated Ram Speeds: Approach: 101 IPM; Return: 198 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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