

120 Ton 4-Post Punching Press

Tonnage:	120
Application:	Punching/Blanking
Industry:	Appliance
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Ancillary conveyor system • Die rollers • Hydraulically actuated ledge clamps



Custom Features:

- Used to punch appliance parts for a leading appliance manufacturer
- Punching capacity 120 tons, minimum operating tonnage 60 tons
- (4) 5" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Bed bolster equipped with 2 front to rear spring loaded roller tracks for ease of inserting and removing dies from the rear - 7,000 lb capacity
- Hydraulically actuated ledge clamps with 20,000 lbs of clamp force to accommodate tooling sub-plate
- 2 die roller consoles for supporting die during changes
- Fixed safety blocks for use during die changes
- Hydraulic circuit specifically designed for short cycling
- Ancillary scrap handling system with 2 conveyors and shakers
- Kidney loop filter/cooler circuit with thermostatically controlled fan motor
- Ram Speed: Fast approach: 188 IPM, Pressing: 96 IPM, Return: 196 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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