

20 Ton 4-Post Forming Press

Tonnage:	20
Application:	Forming Brazing
Industry:	Appliance
Frame Style:	4-Post
Special Features:	<ul style="list-style-type: none"> • Dual station bed shuttle • Active Leveling Control



Custom Features:

- Used for a pressure brazing application in the appliance industry
- (4) chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Equipped with four-axis Active Leveling Control (ALC) for precision bed to ram parallelism, programmable in 0.001" increments
- Multiple zones of tool temperature control for ultimate uniformity
- Automatic ram slide lubrication system with reservoir
- 33" x 80" Dual station bed shuttle facilitates loading and unloading from both the left and right sides
- Quick Die Change Clamp System with bed rollers and ledge clamps
- Light curtains guarding the front opening of the press; bolt on expanded metal guarding on the sides and rear of the press;
- Floor mounted perimeter guard on the sides; hinged access door with safety interlock provided on the left
- Skid mounted power system and reservoir
- Kidney loop filter/cooler circuit with thermostatically-controlled water-oil heat exchanger upsized for a high-temperature environment
- Calculated Ram Speeds: Approach 0-60 IPM; Pressing 0-60 IPM; Return 120 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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