

115 Ton 4-Post Automated Assembly Press

| | |
|--------------------------|--|
| Tonnage: | 115 Tons |
| Application: | Assembly, Automation |
| Industry: | Energy, HVAC |
| Frame Style: | 4-Post |
| Special Features: | <ul style="list-style-type: none"> • Automated conveyor system • ANSI B11.2 compliant • Delta motion controller |



Custom Features:

- Used to assemble copper plates for heat exchangers in the HVAC industry
- (4) 4" diameter chrome housing posts with graphite impregnated bronze bushings for superior ram guidance & rigidity
- Automated conveyor system for easy part loading and unloading
- Infeed conveyor perpendicularity tool allows operator to align stack ups before cycle start
- Conforms to ANSI Hydraulic Power Press Safety Standard B11.2
- Delta high speed motion controller provided for superior pressure and positional accuracy to within +/-0.005"
- Go / No Go indicator ensures desired ram pressure and position were achieved
- Crown mounted power system and reservoir
- Dwell capability
- Recipe handling via barcode scanner
- Data acquisition systems for capturing critical process data and exporting it in the preferred format
- Calculated Ram Speeds: Fast Approach: 81 IPM, Pressing: 1-81 IPM, Return: 34 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



800.737.0111
beckwood.com
sales@beckwoodpress.com

Learn more about our
Automated presses

Learn more about Assembly