

1200 Ton 4-Post Powder Compacting Press



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| Tonnage: | 1200 |
| Application: | Powder Compaction |
| Industry: | Construction, R&D |
| Frame Style: | 4-Post |
| Special Features: | <ul style="list-style-type: none"> • Part Ejection System • SITEMA Ram Safety Catcher System |

Custom Features:

- Used for research & development by a leading manufacturer of building products
- (4) chrome housing posts with graphite impregnated bronze bushings for superior ram guidance and rigidity
- Calculated Ram speeds: Pressing: 0-14 IPM; Return: 0-17 IPM
- Custom-engineered part ejection system
- Kidney loop filter/cooler circuit provided with electric fan-powered oil cooler
- SITEMA Ram Safety Catcher (RSCS) provided for secondary holding of ram the in any position during the stroke and is designed for the static load of the ram and tooling
- Light curtain guards front opening; bolt-on acrylic guards cover side & rear openings
- Kidney loop filter/cooler circuit with thermostatically-controlled electric fan-powered oil cooler
- Custom decompression sequence momentarily retracts the ram and shifts the valve for ram retraction just as the upward force push has ended
- Custom working platform eliminates the need for special foundations
- Vibration dampening pads provided to absorb mechanical energy for overall system protection
- Neoprene bellows installed to protect exposed ram slide area from corrosive powder

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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