

180 TON 4-POST PRESS EXAMPLE



EXAMPLE #254

Tonnage Capacity: 180

Type: Compression Molding

Industry: Research and Development

Special Features: Up acting; Designed for customer specific Pressure, Position, and dwell control

FEATURES

- Used to impregnate pressure on diamond shards by a leading research and development company
- 3" x 19" x 19" bolsters
- 9" stroke Parker Cylinders
- Ram speeds: 18 IPM approach; 3 IPM pressing; 18 IPM return
- Remote hydraulic power system with 40 gallon oil reservoir
- Oversized ram guide bushings for superior ram guidance and rigidity
- Two (2) 1½" x 19" x 19" stainless steel platens surface ground to a flatness of within +/-0.0005" per foot with better than 32 RMS surface finish
- Up acting press
- Automatic ram slide lubrication system
- Eight (8) neoprene/nylon "bellows" style protective boots are provided for exposed ram slide areas
- Light curtain guards left, right, front and rear openings of the press
- Servo pump for precise pressure and dwell control of +/-1%
- Ram position control to +/- .0015
- Two hand touch button controls
- Micrologix 1500 PLC with Panelview Plus color touchscreen interface

CONTACT US

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