

230 TON 4-POST PRESS EXAMPLE



EXAMPLE #289

Tonnage Capacity: 230

Type: Compression Molding/ Powder Compacting

Industry: Medical, Research & Development

Special Features: Dwell Cycle, Operator Interface

FEATURES

- Used in the compression molding process for a leading research & development company in the medical industry
- 4" x 24" x 16" bolsters
- 8" stroke Parker Cylinders
- Ram speeds: 73 IPM approach; 37 IPM pressing; 76 IPM return
- Remote hydraulic power system with 80 gallon oil reservoir (not shown)
- Oversized ram guide bushings for superior ram guidance and rigidity
- Automatic ram slide lubrication system
- Equipped with a TEFC motor mounted oil cooler
- Neoprene/ Nylon "bellows" style protective boots provided for exposed ram slide areas
- Load Cell provides feedback to the PLC for force monitoring and press control
- Light curtain to guard front and side openings of the press
- Bolt on expanded metal guard covers rear opening of the press
- Pedestal mounted controls with two hand touch buttons
- Inch, semi-auto and full-auto cycle controls
- Dwell cycle
- Allen Bradley SLC 5/05 PLC with VersaView Interface
- PLC stores, downloads and transfers press cycle's data including, maximum load cell force, final position of extended ram, time, date and dwell time at pressure

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