

770 TON 4-POST PRESS EXAMPLE



EXAMPLE #184

Tonnage Capacity: 770

Type: Compression Molding/ Powder Compacting

Industry: Ceramics

Special Features: Bed Ejector, Operator Interface

FEATURES

- Used to powder mold for research and development in the ceramics industry to manufacture components in industries such as petrochemical, healthcare and dental
- 4" x 48" x 48" ram bolster
- 16" x 48" x 48" bed bolster with a 3" x 48" x 48" removable/ replaceable wear plate
- 26" stroke Parker Cylinders
- Ram speeds: 58 IPM approach; 12 IPM pressing; 100 IPM return, infinitely variable
- Hydraulic power system with 100 gallon oil reservoir
- 7" diameter x 34" oversized ram guide bushings for superior ram guidance and rigidity
- 25 Ton Capacity, 6" stroke, 3" x 30" R-L x 32" F-R bed ejector on centerline
- Bed ejector is rigidly guided by 5.25" diameter guideposts with 11" long bushings
- The pusher plate position is programmable via the PLC interface. Allows up to 4 programmed positions per job
- Neoprene/ nylon "bellows" style protective boots cover the exposed ram slide areas and cylinder rods
- Bolt on expanded metal guards cover back and side openings of press
- Light curtain guards front opening of the press
- Water/ oil heat exchanger with a water modulating valve
- PLC receives inputs from a linear transducer and pressure transducer provided on the press ram and a linear transducer for the part ejector plate
- Pedestal mounted controls with two hand touch buttons
- Inch and semi-auto cycle controls
- Allen Bradley SLC 5/03 PLC with Mitsubishi E600 Interface

CONTACT US

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