

170 TON 4-POST PRESS EXAMPLE



EXAMPLE #300

Tonnage Capacity: 170

Type: Compression Molding, Powder Compacting

Industry: Oil & Gas

Special Features: Automated Powder Weighing and Feeding System, Integrated Customer Bed Ejector, Variable Speeds, Operator Interface, Servo Control, Integrated Powder System and Sequence

FEATURES

- Used to powder compact parts for a leading company in the oil & gas industry
- 3" x 16" x 18" ram bolster
- 4" x 16" x 18" bed bolster
- 12" stroke Parker Cylinders
- Ram speeds: 200 IPM approach; 0 - 42 IPM pressing; 193 IPM return
- Remote hydraulic power system with 80 gallon oil reservoir
- 24" tall ram slide bushings, instead of Beckwood's standard oversized 18" dimension, for superior bed to ram parallelism
- 8.5" x 14" bed ejector slot on rear of the press bed rib from an elevation of 26" above the press base
- Integrated customer provided ejector system
- Thermostatically controlled electric fan powered oil cooler
- Thermostatically controlled electric fan powered oil heater
- Light curtain guards front opening of the press
- Bolt on expanded metal guards on rear and side openings of the press
- Integrated powder feed assembly, vibratory powder feed assembly, powder weigh/carrier load assembly, powder weight display/analog with output to PLC controls, powder carrier/dump assembly, powder transport system
- Integrated operation sequence
- Inch and semi-auto cycle controls
- Allen Bradley SLC 5/03 Controllogix PLC control system with an Allen Bradley VersaView 700 Interface
- Servo control utilizing closed loop inputs from linear and pressure transducers for extreme pressure accuracy

CONTACT US

THE BECKWOOD PRESS CO.
889 HORAN DR.
ST. LOUIS, MO 63026
PHONE: (800) 737-0111
E-MAIL: info@beckwoodpress.com
www.beckwoodpress.com

"The Perfect Press For You"



All Beckwood Presses are made specifically for your application needs.