

500 TON STRAIGHT SIDE END-FRAME PRESS EXAMPLE



EXAMPLE #225

Tonnage Capacity: 500

Type: Forging; Stamping; Coining

Industry: Automotive

Special Features: Straight Side End-Frame (SSE) Design; Bed Ejector

FEATURES

- Designed to forge, stamp and coin for a leading automotive manufacturer in the making of motor components, sprockets and gears
- 4" x 20" x 44" machined steel bolster is bolted to the ram rib weldment
- 8" x 20" x 44" bolster is bolted to the bed rib weldment
- 12" stroke Parker Cylinders
- Ram speeds: 194 IPM approach; 40 IPM pressing; 155 IPM return
- Hydraulic power system with 180 gallon oil reservoir
- Oversized ram guide bushings for superior ram guidance and rigidity
- 1.5" x 20" straight side end frame reinforces the housing posts' sides and provide additional resistance to off center loading
- 100 ton capacity, 8" stroke, 8" x 40" bed ejector on press centerline
- Bed ejector is rigidly guided by large diameter guideposts and bushings
- Ejector hydraulic circuit includes a mechanical flow divider to automatically compensate for anticipated off center loading during ejection
- Thermostatically controlled fan powered oil cooler
- Bed to ram parallelism is monitored utilizing dual linear transducers
- Press ram "trimmed" to maintain tight parallelism
- Pedestal mounted controls with two hand touch buttons
- Inch, semi-auto and full-auto cycle controls
- Allen Bradley Micrologix PLC receives input from linear transducers on each side of press

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



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