

Cold forging capability

Schuler 500 tons knuckle joint press



Purpose

The Schuler MSL 1-500-0,85,500 is a servo-mechanical cold forging press for typical single station cold forging processes featuring Schuler Servo-Drive technology which allows user control of press stroke. It is a direct drive vertical knuckle joint press with two servo drive motors providing loads up to 5000 kN, and features for both ram and press table hydraulic ejectors.

Specifications

- Vertical cold forging press driven by 2 servomotors
- High-performance servomotors enable programming of diverse ram speed profiles and stroke sequences
- Upsetting capacity of ram: 5000 kN
- Vertical ram stroke: 500 mm
- Stroke speed: 3 – 45 1/min
- Table ejector stroke: 125 mm
- Minimum distance ram – table: 1048 – 1060 mm
- Ram position adjustment: 12 mm
- Table dimension: 850 mm x 800 mm