

EP32M

Servo-motorized CNC multi-platen powder press for highest demands on productivity, parts quality and flexibility.



Advantages

- Maximum precision and productivity
- Large installation space for special applications
- Closed-loop controlled additional upper level
- Closed-loop controlled additional lower level
- Force-relieved press frame for maximum guide accuracy
- Very precise closed-loop position control
- High-resolution closed-loop force control
- Intuitive operation
- Encapsulated working area
- Low energy consumption
- Small footprint
- Compatible with DORST IoT Solutions

Technical information

- Pressing force 320 kN
- Upper punch travel 210 mm
- Die support force 160 kN
- Withdrawal force of die 160 kN
- Pressing force 2nd upper level 160 kN
- Withdrawal force 2nd upper level 160 kN
- Travel 2nd upper level 80 mm
- Pressing force 2nd lower level 160 kN
- Withdrawal force 2nd lower level 160 kN
- Travel 2nd lower level 80 mm
- Filling height 130 mm
- Core rod travel 100 mm
- Positioning accuracy of main drives $\pm 0,001$ mm

Keyfacts

- Highly dynamic axis drives
- Force-relieved frame
- Precision force measurement
- Precise closed-loop force control
- Extremely sensitive closed-loop controlled upper punch hold-down
- Quick tool change
- Encapsulated working area
- Intuitive programming and operation
- Very low noise emission
- Intelligent energy management system
- Low carbon footprint
- TCO optimized

Characteristics

- Backlash-free crosshead guide
- Servo-motorized closed-loop controlled core rod
- Servo-motorized closed-loop controlled filler axis
- Low maintenance
- Installation at ground level
- Low overall height
- Easy product change
- Ergonomic design

Technologies

- Withdrawal process
- Quick-action tool clamping systems
- IPG® support
- DTS - DORST Tool Setup
- Automation systems
- Network-compatible
- DORST IoT Solutions