

TPA1600/3 HP



Advantages

- High mechanical and hydraulic rigidity
- Central support of all platens in pressing position
- Intelligent Program Generator IPG® to support the powder pressing process
- Netshape® technology
- Short set-up times due to automatically interchangeable die sets
- Low energy consumption
- Compatible with DORST IoT Solutions

Technical information

- Pressing force: 16000 kN
- Upper punch stroke: 500 mm
- Filling height: 300 mm
- Core rod travel: 180 mm
- Positioning accuracy: +/- 0.01 mm

Keyfacts

- Maximum precision
- Rigid machine frame
- Central force flow
- Up to 4 upper and 4 lower tool levels

Characteristics

- Version with four columns
- Adjustable positive stops in pressing position
- Die set change to the rear of the machine
- Closed-loop controlled filler axis
- Installation in a pit
- Closed-loop controlled core rod
- 6-axis robot

Technologies

- Withdrawal process
- Multi-level press
- Interchangeable die set system
- IPG® support
- Netshape® technology
- Network-compatible
- Dorst IoT Solutions
- Use of helical gear modules
- Inline process control by means of height measurement