

TPA300HPE

e-powered Compact Hybrid Press



Advantages

- Maximum production output
- 50% energy savings
- Central support of all platens in press position
- Intelligent IPG® program generator for the powder pressing process
- No pit needed
- Netshape® technology
- Short set-up times due to tool exchange with manipulator
- Compatible with DORST IoT Solutions
- Very low noise level

Technical information

- Pressing force: 3.000kN
- Upper punch stroke: 350 mm
- Filling height: 130 mm
- Core rod travel: 140 mm
- Positioning accuracy main upper drive: ± 0.001 mm

Keyfacts

- Enhanced dynamics and performance
- Maximum precision
- Rigid machine frame
- Central force flow
- Up to 3 upper and 4 lower tool levels

Characteristics

- Electrical servo-motorized upper main drive
- Electrical servo-motorized filler axis
- Energy efficient hydraulic servo pump drive for die movement
- Adjustable positive stops in pressing position
- Easy tool change in the press with manipulator

Technologies

- Withdrawal process
- Multi-level press
- IPG® support
- Netshape® technology
- Network compatible
- Dorst IoT Solutions
- Inline process control by means of height measurement