

Productive. Precise. Powerful.

DATRON M10Pro

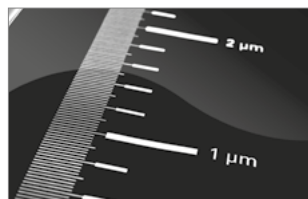
Varying lot sizes, small numbers of high-tech materials: With the DATRON M10 Pro you adjust very quickly to new demands. Productive and cost-effective starting from the first unit! The integrated linear measuring system with a resolution of 40 nm guarantees precision durability.



Highlights



Solid, temperature-stable **granite table** with very high flatness.



Integrated μ -precise linear measuring system.

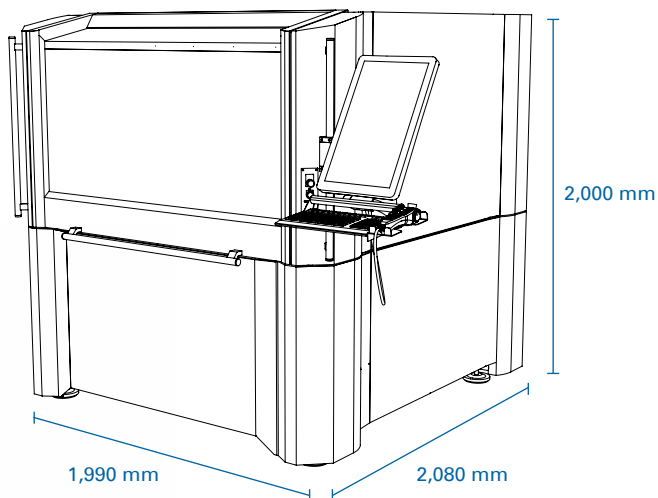


Precision spindle with a concentricity better 2 μ m and HSK-E 25 tool holding fixture. 8 kW spindle HSK-E-32



5-axis milling with rotary/swivel table for precise multi-sided machining of small parts (optional).

Technical Data



FULL TABLE

Machining area

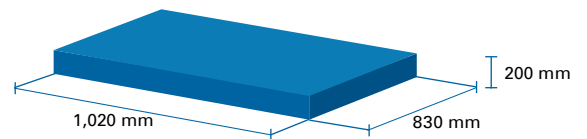
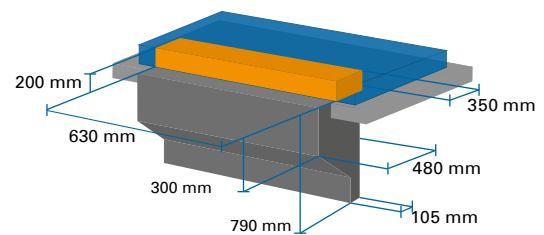


TABLE WITH CUT-OUT

- Table
- Machining area on the table
- Machining area within the vertical clamping area
- Maximum workpiece size within the vertical clamping area



More information:



DATRON M10 Pro, 3.0 kW

DATRON M10 Pro, 8.0 kW

Machine table	Solid Granite table with Steel frame, extremely rigid portal design with double-sided Y drive with covered guides	
Traverse path (X x Y x Z)	1,020 mm x 830 mm x 240 mm; with tool changer 720 mm in Y	
Portal passage	200 mm	
Installation dimensions without operating terminal (W x D x H)	1,990 mm x 2,080 mm x 2,000 mm	
Conical holding fixture integrated into the table		✓
DATRON HSCPro control or DATRON next		✓
Easy-to-use hand-held control unit		✓
Drive system: Digital servo drives; ball-screw for every axis		✓
Linear position measuring system in all axes		✓
Chip conveyor		optional
Minimum quantity cooling/lubricating system	optional	optional inner coolant supply
Machining spindle	3.0 kW HF spindle, up to 40,000 rpm, HSK-E 25	P8.0 kW HF spindle, up to 34,000 rpm, HSK-E 32
Tool changer with integrated tool length sensor	12-fold tool changer with HSK-E 25 (optional 24-fold)	12-fold tool changer with HSK-E 32
Feed	up to 30 m/min	
Positioning feed	up to 30 m/min	
Weight	approx. 2t	