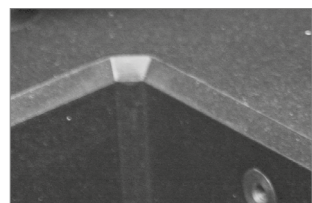


DATRON M8Cube

The DATRON M8Cube is the best choice for the cost-efficient machining of housings, profiles and front panels made of aluminium. But other non-ferrous metals and composite materials can also be machined extremely efficiently with the M8Cube. Short setup times, very low energy consumption and an outstanding price-performance ratio – even with small quantities – make it extremely economical to use.



Highlights



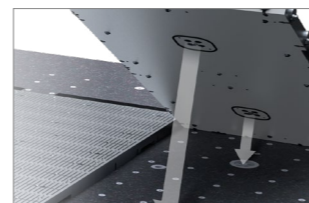
Solid, extremely flat, thermally stable polymer table.



High-precision spindle with concentricity better than 2 µm and an HSK-E 25 tool-holding fixture.

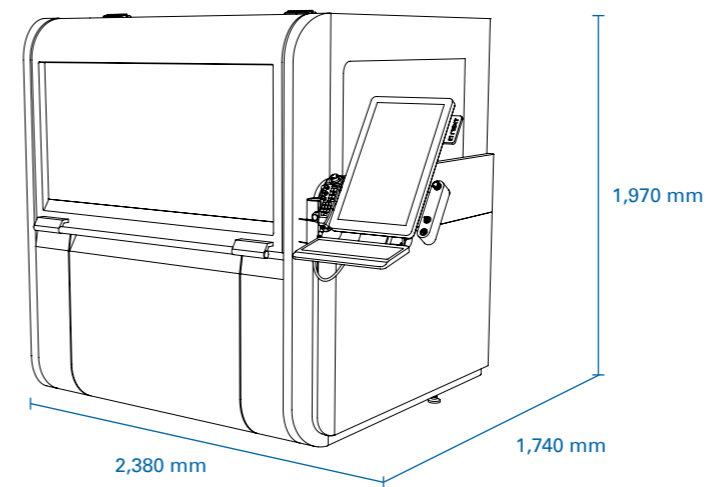


Smart control system: DATRON next lets you control the high-speed milling machine simply and intuitively by swiping.



Electrically controlled vacuum technology enables you to work very flexibly and cost-effectively thanks to very short set up times (connected immediately on being put in place).

Technical Data

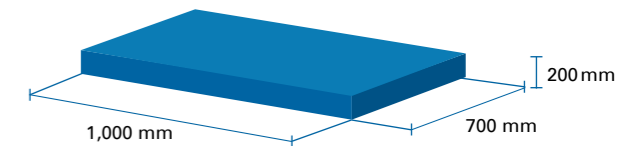


Use QR code for more information

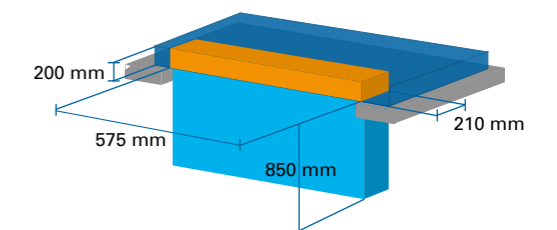


www.datron.de/prdct-m8cube

Full table
■ Working area



Cut-out table
■ Machining area on the table
■ Working area
■ Working area in the vertical clamping area
■ Max. space in the vertical clamping area



DATRON M8Cube

Traverse path (XxYxZ)	1,020 mm x 830 mm x 245 mm
Working area (XxYxZ)	1,000 mm x 700 mm x 200 mm (Z = portal passage)
Machining spindle	1.8kW–4.0 kW HF spindle, up to 60,000 rpm; direct shank or HSK-E 25
Tool magazine	DATRON ToolAssist 60 or 143 stations with HSK-E 25 5 stations with HSK-E 25 tool-holding fixture (10 stations optional) 12 stations with HSK-E 25 tool-holding fixture (24 stations optional) 15 stations with direct shank tool-holding fixture (30 stations optional) with integrated length sensor
Machining table	Mineral-cast machine bed; integrated conical thread; full or cut-out table
Control system/software	DATRON next
Operating terminal	24" multi-touch screen with user-friendly hand-held control unit
Component measurement	DATRON 3D probe (optional)
Rotary axis	DATRON Axis4; DST (optional)
Minimum-quantity cooling lubrication system	10 liters or 2x 10 liters coolant tank; 4-nozzles spray ring
Linear encoders	-
Positioning feed	Up to 22 m/min
Feed	Up to 22 m/min
Installation dimensions with operating terminal (WxDxH)	2,380 mm x 1,740 mm x 1,970 mm
Installation dimensions without operating terminal (WxDxH)	1,740 mm x 1,740 mm x 1,970 mm
Weight	Approx. 1,300 kg