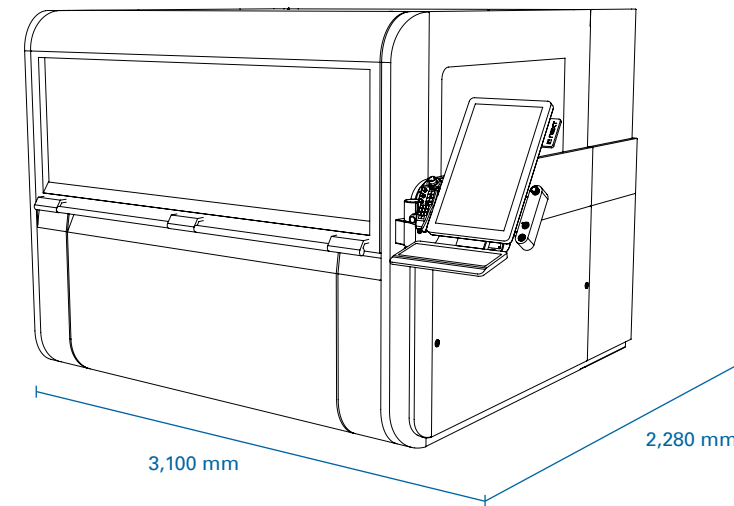


# DATRON MLCube

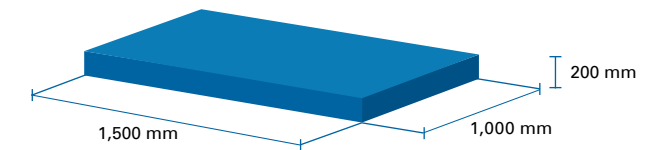
The DATRON MLCube is the best choice for cost-efficient sheet machining, for example to make front panels, housings, profiles and other aluminium workpieces that are milled in a sheet. Other non-ferrous metals or composite materials can also be machined extremely efficiently using the MLCube. Short setup times and the option of using different clamping techniques concurrently, very low energy consumption and an outstanding price-performance ratio – even with small quantities – make it extremely economical to use for many years.



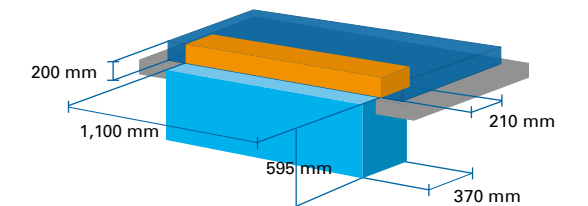
## Technical Data



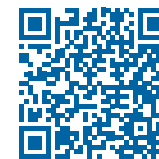
Full table  
■ Working area



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



Use QR code for more information



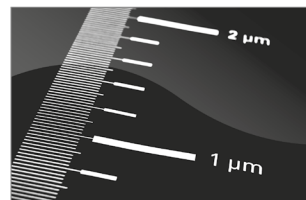
[www.datron.de/prdct-mlcube](http://www.datron.de/prdct-mlcube)

	DATRON MLCube	DATRON MLCube LS
Traverse path (XxYxZ)	1,520 mm x 1,150 mm x 245 mm	
Working area (XxYxZ)	1,500 mm x 1,000 mm x 200 mm (Z = portal passage)	
Machining spindle	1.8 kW – 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 (optional)	
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 (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)	3,100 mm x 2,280 mm x 1,970 mm	
Installation dimensions without operating terminal (WxDxH)	2,420 mm x 2,280 mm x 1,970 mm	
Weight	Approx. 2,500 kg	

## Highlights



**Large working surface** ideal for milling components combined in a sheet.



Optional equipped with precise **linear encoders**.



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



**Solid, extremely flat, thermally stable polymer table.**