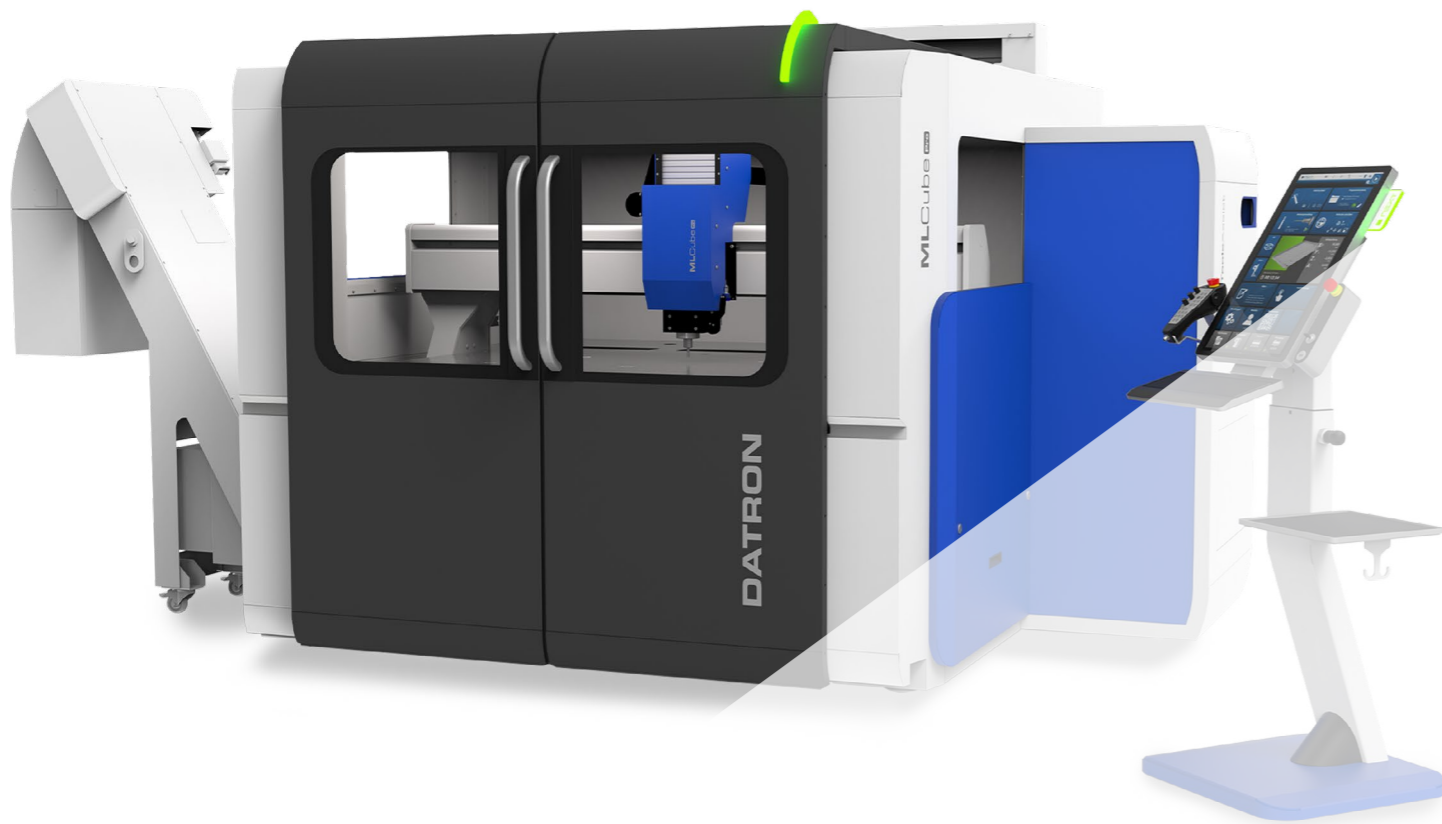
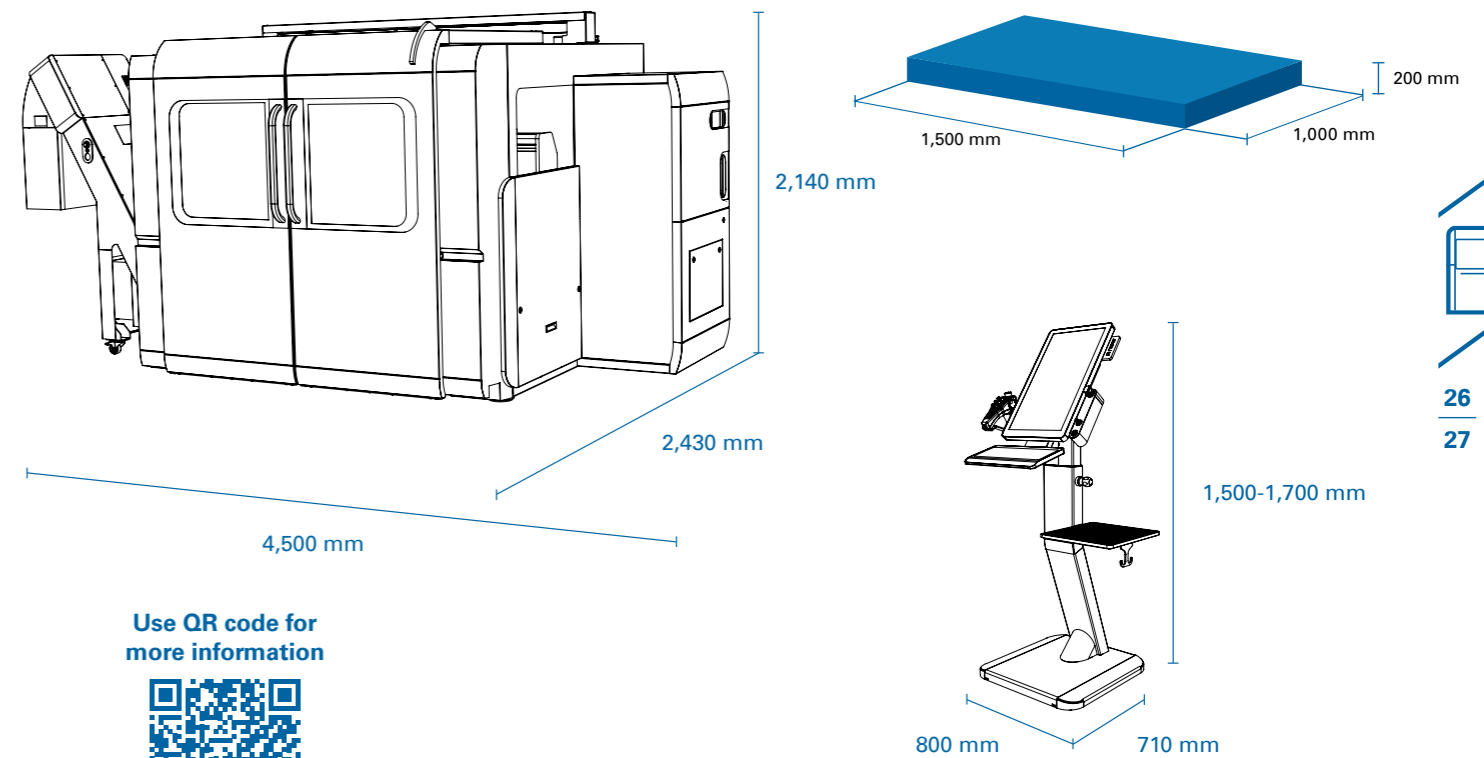


# DATRON MLCube Pro

The DATRON MLCube Pro is the premium product of the DATRON MLCube series and is ideal for customers with high material removal volumes. It features an improved loading concept with automatic sliding doors and crane loading capability. The optimized chip management system with an additional chip conveyor ensures efficient chip removal. The external tool changer DATRON ToolAssist allows for parallel loading and unloading of tools during main operation time. The DATRON MLCube Pro therefore stands for high performance and efficiency in industrial production.



## Technical Data



Use QR code for more information



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

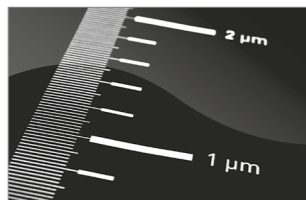
### DATRON MLCube Pro

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	3.0 kW–4.0 kW HF spindle up to 40,000 rpm; HSK-E 25
Tool magazine	DATRON ToolAssist 60 or 143 stations with HSK-E 25 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 without operating terminal (WxDxH)	4,500 mm x 2,430 mm x 2,140 mm
Installation dimensions stand-alone operating terminal (WxDxH)	800 mm x 710 mm x 1,500-1,700 mm
Weight	Approx. 3,200 kg

## Highlights



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



Equipped with precise **linear encoders** for applications with the highest accuracy requirements.



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



Steep angles on all sloping surfaces and a chip conveyor ensure **optimal chip removal**.