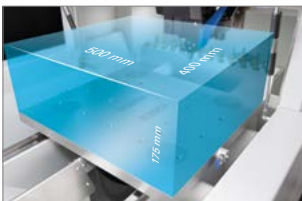


DATRON neo



Highlights



Ergonomic frontal access to the work area
Traverse paths (X/Y):
500 mm/400 mm
Portal passage: 175 mm



24-fold tool magazine
with integrated tool length
sensor for high flexibility
and precision

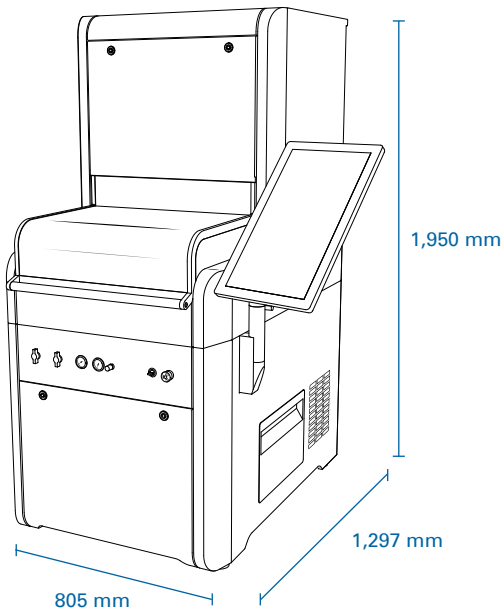


**2 kW spindle and mini-
mum quantity cooling
system** for burr and resi-
due free components



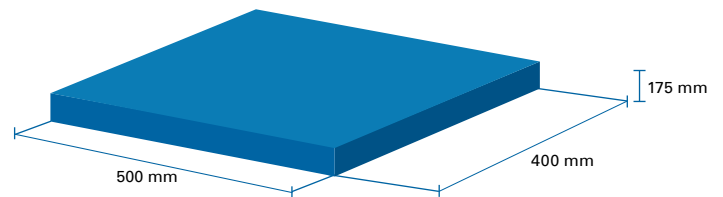
**3D probe (XYZ sensor)
and camera**
for easy setup

Technical Data



FULL TABLE

■ Machining area



More information:



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	DATRON neo	DATRON neo+
Machine table	Portal design, machine frame made of polymer concrete casting, aluminium table, base frame steel	
Traverse path (XxYxZ)	520 mm x 420 mm x 220 mm	
Machining area (XxY)	500 mm x 400 mm	
Portal passage	175 mm	
Installation dimensions without operating terminal (W x D x H)	805 mm x 1,290 mm x 1,880 mm	
Control system/Software	DATRON next	
Operating terminal	24" multi-touch display	
Comfortable hand-held control unit		✓
Drive system	Brushless, digital servo drives; direct drive ball screws for each axis	
Minimum quantity cooling/lubricating system		✓
Machining spindle	2.0 kW high-frequency spindle with up to 40,000 rpm, direct shank	
Tool magazine with tool-length sensor	24-fold with direct shank	
3D probe		✓
Feed	up to 18 m/min	up to 28 m/min
Positioning feed	up to 18 m/min	up to 28 m/min
Weight	approx. 700 kg	