

**Used  
MACHINE**

Basic configuration

## DATRON M8Cube

3.0 kW HSK - High performance cutting with up to 40,000 rpm



Facts	DATRON M8Cube
Traverse Path (X xY x Z)	1,020 mm x 830 mm x 245 mm with tool changer 720 mm in Y
Fotprint* (W x D x H)	1,740 mm x 1,740 mm x 1,950 mm
Machining spindle	3.0 kW synchronous high-frequency spindle, up to 40,000 rpm
Feed and positioning feed	up to 22 m/min
Weight	approx. 1,300 kg

\* monitor and keyboard excluded



### 3.0 kW synchronous high-frequency spindle

The 3.0 kW synchronous high frequency spindle stands out particularly by its high torque (0,96 Nm), even at low speeds. HSK-E 25 cone tool changer for tools up to 10 mm shank diameter available.



### Minimum quantity cooling/lubrication system

Minimum quantity cooling/lubrication system optimised for the cooling with oil, air or industrial alcohol.

Position	Item Description	Item No.
1	M8Cube A, 3.0 kW table with cut-out	0A13215A
2	DATRON HSCpro control system	included
3	DATRON PerfectCut	included
4	CNC Hand-held control unit B 10-2	included
5	Control terminal Expert	included
6	Minimum-quantity cooling lubrication system	included
7	Spray unit, 4 nozzles	included
8	Tool changer unit, 12-fold, HSK-E 25	included
9	Clamping Device Tribos SVP-2 w. reduction insert	included
10	Collet HSK-E 25 - 12 pieces	included
11	High-precision probe XYZTP-R	included
12	3D-(x,y) extension	included
13	Vacuum plate with meander-formed slots	included
14	Vacuum distributor 2-fold Pro	included
15	Vacuum pump, 100 cbm/h 3x400V, 16A, 50 Hz	included
16	T-Slot Module Clamp 250 x 500 x 80	included
17	Pneumatic shorts-stroke	included
18	Pneumatic vertical clamping system	included
19	CNC Rotary/swivel unit DSTpro, M8Cube	included
20	DATRON CNC v9 Expert, incl. Iso+	included

## Lifetime and Location

Year of manufacture	11/15
Current spindle time	835 hours
Current run time	920 hours
Location	Estonia