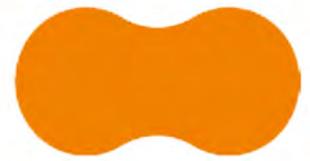


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The small 5 axis table milling machine



Features:

- * Easy operation
- * Handling easy to learn
- * Simple and flexible programming
- * Dry or wet use
- * Unbeatable price- performance ratio

EVO deskMill5

Dental milling machine

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Materials:

- Wax
- ZrO
- PMMA
- Composites
- Fiberglas
- Gypsum
- Glass ceramics
- Titan Preforms

Indications:

- Abutments (ZrO auf Ti-Basis)
- Models
- Crown
- Bridges
- Bars
- Inlays, Onlays
- Partial crowns veneers
- Veneers
- Telescopes crowns



Technical Data

Travel X-axis	125 mm
Travel Y-axis	140 mm
Travel Z-axis	110 mm
Travel A-axis	+/- 32 °
Travel B-axis	360 °
Heavy-duty guides (long-term lubricated)	15 mm
Ball screw (long-term lubricated)	Ø 16x5 mm
Workpiece size	Ø 100 mm
Max. workpiece weight	1,2 kg
Feed rate max.	4.000 mm/min
Rapid traverse speed max.	6.000 mm/min
Repeatability	< 0,010 mm
Automatic tool length measurement	+/- 0,01 mm
Minimum input value	0,005 mm
Servo system X; Y; Z	0,50 Nm
Servo system A; B (gear 100: 1)	0,30 & 0,50 Nm
HF spindle Sycotec 33mm	60000min ⁻¹ /Pmax. 0,91 kW
Tool diameter max. (Optional Ø4,0 mm)	Ø 3,0 mm
Number of tools in the tool changer	20 piece

Flushing medium tank	12 Liter
Stainless magnet flushing pump	15 Watt
Switchover dry/wet	M Code
LED work light with status display	2 Stück
PC for operation and display external	WIN 10
job manager	MB
CNC controller	OPEN Smart
Current connection value complete	2,2 kVA
Electric current fuse size	Fuse lazy 16 A
Electrical connection 1 phase/NP/EP	230V/ 50/60Hz
Power grid fluctuation max.	+/- 5%
Noise level (depending on the material to be milled)	55-68 dB (A)
Compressed air connection	at least 150 l/min. at 6.5 bar
Connection for suction	3-pin plug 1x switched
Other connections	1x Network;
Space (table size)	700 x 700 mm
Machine weight	75 kg
Machine set up messure	575 x 610 x 750 mm
Compressed air check via pressure switch	
Tool breakage check implemented in the tool change macro	



PMMA	Zirconia	PEEK	Wax	Glass-ceramic
Composite	Sinter-material	PreMill	Titanium	Chrome-Cobalt

Chrome cobalt not in continuous operation

EVO deskMill5

Dental milling machine