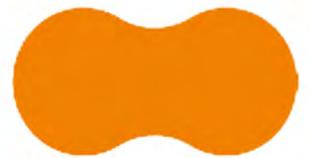
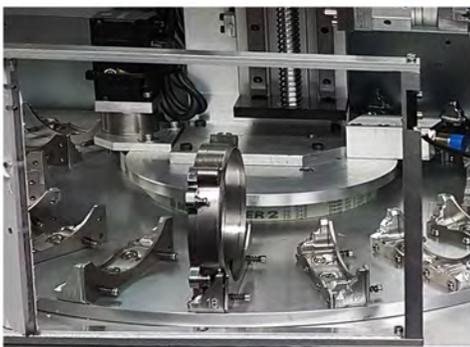


# orangedental



premium innovations

The small 5 axis table milling machine  
with 10-fold or 20-fold blank changer  
& 20-fold tool changer



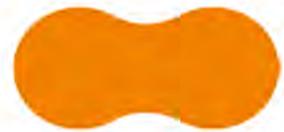
Features:

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

## EVO deskMill5 Pro

### Dental milling machine with blank changer

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## Materials:

Wax  
ZrO  
PMMA  
Composites  
Fiberglas  
Gypsum  
Glass ceramics  
Titan Preforms  
COCR in small numbers

## 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
Clamping force zero clamping system	6000 N
Feed rate max.	6.000 mm/min
Rapid traverse speed max.	8.000 mm/min
Repeatability	< 0,008 mm
automatic tool length measurement	+/- 0,01 mm
minimum input value	0,001 mm
AC servo system X; Y; Z; A; W	0,64 Nm
AC servo system A; B (gear 100: 1)	0,32 & 0,64 Nm
AC servo system C (gear 50: 1)	0,64 Nm
Pneumatic system V axis	0-90 °
HF spindle Sycotec 33mm	60000min <sup>-1</sup> /Pmax. 0,91 kW
Tool diameter max. (Optional Ø4,0 mm)	Ø 3,0 mm
Number of tools in the tool changer	20 piece
Number of workpieces in the magazine	20 piece

Flushing medium tank	12 Liter
Stainless magnet flushing pump	15 Watt
Switchover dry/wet	M Code
Drawers for tools & Keyboards	2 Stück
Keyboard with mouse	Kombi
Capacitive touchscreen with safety circuit	15 Zoll
LED work light with status display	24 VDC 12Watt
PC for operation and display	WIN 10
Job manager	MB
CNC controller	OPEN Smart
Current connection value complete	2,2 kVA
Electric current fuse size	Sicherung Träge16 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	min. 150 l/min. bei 6,5 bar
Connection for suction	3Pol Stecker 1x Um geschaltet
Other connections	1x Netzwerk; 1x USB
Space (table size)	1200 x 700 mm
Machine weight	115 kg
Machine set up messure	1100 x 625 x 750 mm
Compressed air check via pressure switch	
Tool breakage check implemented in the tool change macro	



Chrome cobalt not in continuous operation

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# Dental milling machine