

TECHNICAL DATA M6 TELESKOPER BLANK CHANGER

Weight	220 kg (180 kg milling unit + 40 kg blank storage)
Width	109 cm (+ 14 cm Cleaning Kit)
Height	69 cm
Depth	80 cm (incl. Suction Unit)
Casing	With hardened Securit glass ISO 12150
Electrical power	2000 W
Operating voltage	100 – 240 V~; 50 – 60 Hz
Milling unit processing axes	5+1
Blank Changer processing axes	2+2
Tool changer	Automatic, 60x
Number of tools	60 (2 magazines with 30 slots)
Milling spindle	Performance Spindle with Permanent Magnet Synchronous Motor (PMSM): 6.000 – 50,000 rpm
Milling spindle power	max. 2.5 kW
Milling spindle torque	20 Ncm constant – 200 Ncm maximum
Blank storage	Up to 16 or 80 blanks (upgradable)
Blank management	Automated blank management with optical blank detection
Material blanks	Ø 95 mm, Ø 98 mm, Ø 106 mm, Ø 125 mm
Milling angle A/B axis	± 30°
Bur/chuck diameter	Ø 6 mm
Bur length	Up to 60 mm
Measurement accuracy	± 0,001 mm (1 µ)
Tool damage detection	Automatic
Compressed air	Input 6.5 – 9 bar, 120 l/min at 6.5 bar, max. 400 l/min (chamber cleaning)
Motors	Brushless with encoder (dual encoder in x axis)
Noise level	< 60 dB
Linear axis resolution	± 0,001 mm (1 µ)
Rotation axis resolution	± 0,00045° = ± 0,00000785 rad
Tool management	Automatic
Suction system (external)	Integrated power output up to 2000 W, built-in control relay for external devices