

Technical data

STEP-FOUR milling mechanics

Basic 540

Item number: 9085500421

All **STEP-FOUR Basic 540** packages contain the milling mechanics **Basic 540**, protected against injuries and dirt due to aluminium coverings. The combination of slide bearings and tempered and reinforced steel shafts offers optimum damping. Apart from the new design the mechanics optimized construction stands out for higher sturdiness and much easier assembly.

Due to the special construction with milled aluminium junctions and extruded profiles, no base plate is required. The work area is open underneath. Even large parts (e.g. component casing) can be processed.

Technical data:

Work area (X/Y)	540 x 320mm
Travel Z-axis	75mm
max. positioning speed	1000mm/min
max. working speed	750mm/min
Programmable resolution	0,005mm
Accuracy of repetition	+/-0,025mm
max. inversion error	<0,05mm
max. positioning error	0,1mm/100mm
Power supply	230V/50-60Hz (115V/50-60HZ)
Power transmission	Ball-bearing mounted trapezoid thread spindles (10mmØ, 2mm pitch), cog belt
Linearity	Slide bearings on tempered and polished 16mm precision shafts
Size of material	optional x 325mm
Dimensions	850 x 580 x 350mm
Weight	20kg

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