

CNC Portal Milling Machine T-Rex

with ball screws and bellows

Technical data, scope of delivery and prices



T-REX 0609



T-REX 0712



T-REX 1215



T-REX 1224

Articlenumber

1201 0000

1202 0000

1203 0000

1204 0000

Travel X	900 mm	1200 mm	1500 mm	2400 mm
Travel Y	600 mm	700 mm	1200 mm	1200 mm
Travel Z	130 mm	130 mm	130 mm	130 mm
Max. height clearance (upper edge T-slot plate / lower edge bridge)	130 mm	130 mm	130 mm	130 mm
Clamping area X / Y on T-slot plate	1300 x 780 mm	1650 x 880 mm	1860 x 1340 mm	2800 x 1340 mm
Length x width x height over all in cm	154 x 120 x 142	196 x 130 x 142	218 x 180 x 142	310 x 180 x 142
Weight approx.	300 kg	350 kg	400 kg	500 kg
Linear guides HIWIN / THK; width X / Y / Z	15 / 15 / 15 mm	15 / 15 / 15 mm	15 / 15 / 15 mm	15 / 15 / 15 mm
Ball screw spindles X / Y / Z : Ø	24 / 16 / 16 mm	24 / 16 / 16 mm	32 / 16 / 16 mm	32 / 16 / 16 mm

Frame construction	steel/cast steel	steel/cast steel	steel	steel
Steps / revolution 1/10 micro-step	2000	2000	2000	2000
Slope ball screw spindle X / Y / Z	10 / 10 / 5 mm	10 / 10 / 5 mm	10 / 10 / 5 mm	10 / 10 / 5 mm
Programmable resolution minimal (Z)	0,0025 mm	0,0025 mm	0,0025 mm	0,0025 mm
Backlash	+/- 0,015 mm	+/- 0,015 mm	+/- 0,015 mm	+/- 0,015 mm
Repeatable resolution	0,01 mm	0,01 mm	0,01 mm	0,01 mm
Max. rapid speed, measured diagonal travel X + Y	17.000 mm/min	17.000 mm/min	12.000 mm/min	12.000 mm/min
Operating speed max.	12.000 mm/min	12.000 mm/min	8.000 mm/min	8.000 mm/min
incl. CNC-control Zero-3 / 5-channel	✓	✓	✓	✓
Supported operating systems: Windows / Linux	✓	✓	✓	✓
incl. T-slot table from aluminium	✓	✓	✓	✓
incl. Milling software KinetiC-NC	✓	✓	✓	✓
inkl. Full version Software CAD/CAM ConstruCAM-3D ECO with Postprozessor for KinetiC-NC / WinPC NC / MACH3	✓	✓	✓	✓
Prices in EUR (excluding 19% VAT)	7.101,03	9.716,03	11.476,03	14.090,82