

CNC Portal Milling Machine

Technical Data High-Z / T-Rex

With ball screws and belows



T-REX 0609



T-REX 0712



T-REX 1215



T-REX 1224



T-REX 3020

Articlenumber

120010

120020

120030

120040

120110

Travel X	900 mm	1200 mm	1500 mm	2400 mm	3000 mm
Travel Y	600 mm	700 mm	1200 mm	1200 mm	2100 mm
Travel Z	130 mm	130 mm	130 mm	130 mm	200 mm
Max. height clearance (upper edge T groove plate / lower edge bridge)	130 mm	130 mm	130 mm	130 mm	200 mm
Clamping area X / Y on t groove plate	1300 x 780 mm	1650 x 880 mm	1860 x 1340 mm	2800 x 1340 mm	3800 x 2300 mm
Length x width x hight over all in cm	154x120x142	196x130x142	218x180x142	310x180x142	370x270x158
Weight ca.	300 kg	350 kg	400 kg	500 kg	1060 kg
Linear guides HIWIN / THK; Breite X/Y/Z	15/15/15 mm	15/15/15 mm	15/15/15 mm	15/15/15 mm	20/15/15 mm
Ball screws / spindles X / Y / Z : Ø	24/16/16	24/16/16	32/16/16	32/16/16	X/Y helical cut racks / Z 16

Frame construction	steel/cast steel	steel/cast steel	Steel	Steel	steel
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Steps/revolution 1/10 micro-step	2000	2000	2000	2000	2000
Steigung Kugelumlaufspindel X/Y/Z	10/10/5 mm	10/10/5 mm	10/10/5 mm	10/10/5 mm	Transmission1:20
Programmable resolution minimal (Z)	0,0025 mm	0,0025 mm	0,0025 mm	0,0025 mm	0,00635 mm
Backlash	+/- 0,015 mm	+/- 0,015 mm	+/- 0,015 mm	+/- 0,015 mm	+/- 0,025 mm
Repeatable accuracy	0,01 mm	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	18.000 mm/min
Operating speed max.	12.000 mm/min	12.000 mm/min	8.000 mm/min	8.000 mm/min	14.000 mm/min

incl. CNC-control Zero3 / 5-channel	✓	✓	✓	✓	RaptorX-SL Control 3x10A.
incl. Kress milling engine FME 1050-1 (1,05kW)	✓	✓	✓	✓	✓
incl. USB remote control	✓	✓	✓	✓	✓
Supported operating systems: Windows / Linux	✓	✓	✓	✓	✓
<u>incl. T-Slot Table from Aluminium (f. short time)</u>	✓	✓	✓	✓	✓
<u>incl. milling software WIN PCNC USB</u>	✓	✓	✓	✓	✓
<u>incl. shielded IGUS cabling</u>	✓	✓	✓	✓	✓
<u>inkl. Full version Software CAD/CAM ConstruCam 3D with Postprozessor for Win PCNC and MACH3</u>	✓	✓	✓	✓	✓

Price in EUR
(incl. 19 % MwSt.)

8.850,22

11.962,07

14.056,47

17.168,08

22.680,70

Alle Infos und Preise ohne Gewähr