

CNC Portal Milling Machine

Technical Data
High-Z / T-Rex



T-REX 0609



T-REX 0712



T-REX 1215



T-REX 1224



T-REX 3020

With ball screws and belows

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