

**Technical data High-Z CNC Router / Engraver with ball screws / spindles**



S 400 T



S 720 T



S 1000 T



S 1400 T



S 1400 T/105

Article Number

100110

100120

100130

100140

100160

X Axis Travel

Verfahrweg Y	300 mm	420 mm	600 mm	800 mm	1050 mm
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Y-Axis Travel	110 mm	110 mm	110 mm	110 mm	110 mm
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Clearance Z (Upper edge machine frame-under edge bridge)	107 mm	107 mm	107 mm	109 mm	109 mm
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Clamping Area X	730 mm	1050 mm	1330 mm	1730 mm	1730 mm
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Clamping Area Y	390 mm	510 mm	690 mm	890 mm	1170 mm
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Weight	31 kg	41 kg	51 kg	82 kg	80 kg
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Lenght over all X	730 mm	1050 mm	1330 mm	1730 mm	1730 mm
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Width over all Y	570 mm	690 mm	870 mm	1070 mm	1350 mm
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Height over all Z	575 mm	575 mm	575 mm	575 mm	575 mm
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Linear Guides Diameter X/Y Ø	22/22 mm	22/22 mm	22/22 mm	22/30 mm	22/30 mm
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Linear Guides Diameter Z Ø	16 mm	16 mm	16 mm	16 mm	16 mm
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Add. Ball Linear Guides X-Axis / HIWIN	-	-	- / optional	✓	✓
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Steps per Revolution 1/10 Micro-Step	2000	2000	2000	2000	2000
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Ø Ball Screws / Spindles Diameter X/Y/Z	10/10 mm	10/10 mm	10/10 mm	12,7/12,7 mm	12,7/12,7 mm
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Slope	10 mm	10 mm	10 mm	12,7 mm	12,7 mm
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Programmable Resolution	0,005 mm	0,005 mm	0,005 mm	0,00635 mm	0,00635 mm
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Backlash	+/- 0,015 mm	+/- 0,015 mm	+/- 0,015 mm	+/- 0,015 mm	+/- 0,015 mm
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Repeatable Accuracy	0,01 mm	0,01 mm	0,01 mm	0,01 mm	0,01 mm
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Max. Rapid Speed X + Y	12000 mm/min	12000 mm/min	12000 mm/min	12000 mm/min	12000 mm/min
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Max. Cutting Speed	8000 mm/min	8000 mm/min	8000 mm/min	8000 mm/min	8000 mm/min
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incl. Digital CNC Controller Zero3 / 4-Channel	✓	✓	✓	✓	✓
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Digital CNC Controller Zero3 / 5-Channel	- / add. 199,- €	- / add. 199,- €	- / add. 199,- €	- / add. 199,- €	- / add. 199,- €
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Operating System with Software WINPC-NC, MACH3, EMC, Linux CNC: Windows / Linux	✓	✓	✓	✓	✓
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incl. CAM / Milling, Engraving Software WIN PCNC Light	✓	✓	✓	✓	✓
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incl. Full Version 3D-Software CAD/CAM ConstruCam-3D with Postprocessor for Win PCNC and MACH3	✓	✓	✓	✓	✓
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**To use the software CAD/CAM ConstruCAM-3D in full, you need the milling software WIN PCNC Economy version from upstream**

Price in EUR  
(inkl. 19 % German VAT)

3.217,00

3.773,00

4.323,00

7.717,00

7.848,65