

# Technical data

## VCC

Technical data		VCC / VCC 1200	VCC 2
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### Working area

X-traverse range	[mm]	750 / 1200	1200
Y-traverse range	[mm]	500	600
Z-traverse range	[mm]	600	700
Distance table - spindle nozzle	[mm]	180 - 780	180 - 880

### Machine table

Clamping surface, grinded, approx.	[mm]	1000 x 500 / 1350 x 500	1350 x 600
T-slots, reference slot H7	[mm]	14 H9	14 H9
T-slots indexing	[mm]	160	160
Number of T-slots		3	4
Max. table load	[kg/m <sup>2</sup> ]	800	800

### Feed drive

Max. rapid traverse	[m/min]	25/25/20	25/25/20
Max. feed force	[N]	9000	9000

### Main spindle drive

Standard drive no. <sup>1</sup>		110	110
Optional drive no. <sup>1</sup>		100 / 111	100 / 111

### Tool holding fixture

DIN 69871 A / DIN 69872 A		SK 40	SK 40
Optional		BT 40, HSK A63	BT 40, HSK A63

### Tool changer

No. of tool pockets standard		22	22
Optional expandable up to		30	30
Max. tool diameter	[mm]	85	85
By free adjacent pockets	[mm]	135	135
Max. tool length	[mm]	400	400
Tool change time approx.	[s]	4	4

### Accuracy

Positioning accuracy <sup>2</sup>	[mm]	± 0,02 ± 0,015	± 0,02 ± 0,015
Repeating accuracy	[mm]	± 0,005	± 0,005

### Weight

Standard version approx.	[kg]	7000 / 7500	9000
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### <sup>1</sup> Main spindle drives

		100	110	111
Speed range	[rpm]	6000	6000	6000
Optional up to	[rpm]	15000	12000	12000
Max. torque (40% DC)	[Nm]	95	143	191
Max. power (40% DC)	[kW]	20	30	40

<sup>2</sup> Per 1000 mm per axis X/Y/Z