

# Technical data VPC 45 DASK

## VPC 45 DASK

### Working area

X-traverse range vertical	[mm]	2200 (2800) <sup>2</sup>
Y-traverse range	[mm]	1500
Z-traverse range	[mm]	800

### Machine table

Table width (dependent on Y-stroke)	[mm]	1500
Table length	[mm]	approx. X-traverse
T-slots, reference slot H7	[mm]	14 H9 (18 H9) <sup>2</sup>
T-slots indexing	[mm]	160
Max. table load per table	[kg]	1500 (2000) <sup>2</sup>
Min. distance table - spindle nozzle vert.	[mm]	50
Min. distance table - spindle nozzle hor.	[mm]	360

### Feed drive

Max. rapid traverse in X/Y/Z	[m/min]	20/20/20 (30/30/25) <sup>2</sup>
Max. feed force	[N]	3000

### Main spindle drive

Standard drive no. <sup>1</sup>		DASK
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### Tool holding fixture

DIN 69893-1		HSK A63
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### Tilting spindle head

Swivelling range A-axis		-110° to +110°
Swivelling range C-axis		-360° to +360°
Indexing		0,001°

### Tool changer

Number of tool pockets standard		22
Optional expandable up to		90
Max. tool diameter	[mm]	60
Max. tool length	[mm]	250
Tool change time approx.	[s]	7

### Accuracy

Positioning accuracy <sup>3</sup>	[mm]	± 0,015
Repeating accuracy	[mm]	± 0,01

### <sup>1</sup> Main spindle drives

Speed range	[rpm]	18000
Max. torque (S6)	[Nm]	130
Max. power (S6)	[kW]	27

### DASK

<sup>2</sup> Optional features

<sup>3</sup> Per 1000 mm per axis X/Y/Z with vertical spindle