

Technical data

VPC

		VPC 40	VPC 45	VPC 50	VPC 55
Working area					
X-traverse range	[mm]	2360 (2940) ²	2360 (2940) ²	2360 (2940) ²	2360 (2940) ²
Y-traverse range	[mm]	1200 (1400, 1600) ²	1400 (1600) ²	1200 (1400, 1600) ²	1400 (1600) ²
Z-traverse range	[mm]	500 (600) ²	800	500 (600) ²	800 ²
Machine table					
Table width (dependent on Y-stroke)	[mm]	1100 (1350, 1500) ²	1100 (1350, 1500) ²	1100 (1350, 1500) ²	1100 (1350, 1500) ²
Table length approx.	[mm]	2750	2750	2750	2750
T-slots, reference slot H7	[mm]	14 H9	14 H9	14 H9	14 H9
T-slots indexing	[mm]	160	160	160	160
Number of T-slots		7	7	7	7
Max. table load per table	[kg]	1500 (2000) ²	2000	1500 (2000) ²	2000 ²
Min. distance table - spindle nozzle	[mm]	230	230	230	230
Feed drive					
Max. rapid traverse in X/Y/Z	[m/min]	20/20/20 (30/30/25) ²	20/20/20 (30/30/25) ²	20/20/20 (30/30/25) ²	20/20/20 (30/30/25) ²
Max. feed force	[N]	9000	9000	9000	9000
Main spindle drive					
Standard drive no. ¹		110	110	131	131
Optional drive no. ¹		100, 111, 113	100, 111, 113	133	133
Tool holding fixture					
DIN 69871 A / DIN 69872 A		SK 40	SK 40	SK 50	SK 50
Optional		BT 40, HSK A63, C6	BT 40, HSK A63, C6	BT 50, HSK A100, C8	BT 50, HSK A100, C8
Tool changer					
Number of tool pockets standard		22	22	20	20
Optional expandable up to		90	90	90	90
Max. tool diameter	[mm]	85	85	110	110
By free adjacent pockets	[mm]	135	135	180	180
Max. tool length	[mm]	400	400	400	400
Tool change time approx.	[s]	6	6	7	7
Accuracy					
Positioning accuracy ³	[mm]	± 0,015 (± 0,008) ²	± 0,015 (± 0,008) ²	± 0,015 (± 0,008) ²	± 0,015 (± 0,008) ²
Repeating accuracy	[mm]	± 0,01 (± 0,006) ²	± 0,01 (± 0,006) ²	± 0,01 (± 0,006) ²	± 0,01 (± 0,006) ²

¹ Main spindle drives

		100	110	111	113	131	133
Speed range	[rpm]	6000	6000	6000	6000	4000	4000
Optional up to	[rpm]	15000	12000	12000	10000	9000	9000
Max. torque (40% DC)	[Nm]	95	143	191	255	286	355
Max. power (40% DC)	[kW]	20	30	40	40	45	56

² Optional features

³ Per 1000 mm per axis X/Y/Z

Technical specifications refer to the standard version.
Extensions and modifications upon request and depending
on overall configuration and application.