Technical data VSR

Technical data		VSR 2
Working area		
X-traverse range	[mm]	1100
Y-traverse range	[mm]	600
Z-traverse range	[mm]	700
Distance table – spindle nozzle	[mm]	100 - 800
2-axis tilting rotary table		
Clamping surface, ground, approx.	[mm]	Faceplate 550 x 550
T-slots, reference slot H7	[mm]	14 H9
T-slots indexing	[mm]	80
Number of T-slots		6
Max. table load	[kg]	350 (simultaneous machining) / 500 (axes clamped)
Feed drive		
Max. rapid traverse	[m/min]	40/40/30
Max. feed force	[N]	9000
Main spindle drive		
Standard drive no. [1]		110
Optional drive no. [1]		100, 111, 113
Tool holding fixture		
DIN ISO 7388-1 AD /		SK40
DIN ISO 7388-3 AD		
Optional		BT 40, HSK A63, C6
Tool changer		
Number of tool pockets standard		22
Optional expandable up to		180
Max. tool diameter	[mm]	85
With free adjacent pockets	[mm]	135
Max. tool length	[mm]	400
Accuracy		
Positioning accuracy[2]	[mm]	+/- 0,0075
Repeating accuracy	[mm]	+/- 0,005

[1]Main spindle drives		100	110	111	113
Speed range	(1/min)	6000	6000	6000	6000
Optional up to	(1/min)	18000	14000	14000	14000
Max. torque (40% DC)	[Nm]	95	143	191	255
Max. power (40% DC)	[kW]	20	30	40	40

[2] per 1000 mm per axis X/Y/Z