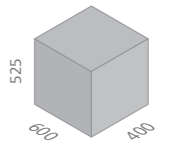
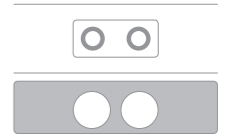
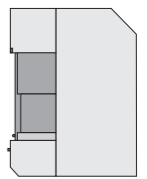




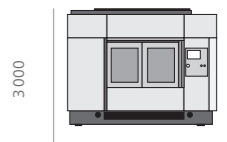
Working range	
X-axis	600 mm
Y-axis (toolchange position)	525 mm (890 mm)
Z-axis	400 mm
Spindle distance	600 mm
Workpiece carrier	
A- and U-axis, prepared for mounting a fixture plate, up to max.	ø 630 mm x 1 420 mm
Maximum Torque (Drive system)	870 Nm (Torque motor)
Tangential moment clamped on both ends	6 000 Nm
Load capacity	max. 650 kg
Speed range A-, U-axis	1 - 50 rpm
C- and W-axis*	2-fold
Work spindle	
	HSK-A100
Speed range / Run up time 0 - n _{max}	1 - 6 000 rpm / < 1 s
Spindle bearings ø	110 mm
Power (25% duty cycle)	2 x 26 kW / 1 000 rpm
Torque (25% duty cycle)	2 x 250 Nm
Feed drive	
Drive system	Ball screw
Rapid traverse X / Y / Z	50 / 60 / 50 m/min
Axis acceleration X / Y / Z	7 / 8 / 8 m/s ²
Max. feed thrust X / Y / Z	15 000 / 15 000 / 15 000 N
Accuracy	
Position measuring system	Indirect, absolute
Positioning tolerance X / Y / Z	Tp = 0,020 mm (Tp = 0,008 mm)*
Tool magazine	
Toolchange system	Pick-Up
Capacity	2 x 20
Max. tool ø	115 / 250 mm (-ø-)
Max. tool length	300 mm
Max. tool weight	15 kg
Toolchange	
Chip-to-chip time	approx. 4,25 s (3,25 s)*
Weight / Dimensions	
Total weight	approx. 10 500 kg
Transport dimensions W x H x L	2,75 m x 3,00 m x 3,50 m
Machine installed W x H x L	5,80 m x 3,30 m x 5,05 m
Connected load	
Operating voltage	3 x 400 Volt, 50 Hz, TN-S/TN-C Netz
Total connected load	85 kVA
Mean air consumption	0,4 Nm ³ /min
CNC control system	
Sicherheitstechnik	Safety Integrated
Siemens	SINUMERIK 840D sl



WORKSPACE PER SPINDLE



3 500



2 570

*optional, **on request, -ø- occupancy of multiple magazine positions. Details depending on equipment. Technical data according to project planning. Deviation +/- 15% reserved. Subject to change without notice.