

GP1350

# TECHNICAL DATA OVERVIEW

MACHINE TYPE		GP1350
<b>SLIDE</b>		
Working travels in X-/Y-/Z-axis [mm]		1,400/1,950/1,100
Max. speeds in X-/Y-/Z-axis [m/min]		60/50/50
Max. accelerations in X-/Y-/Z-axis [m/s <sup>2</sup> ] <sup>(1)</sup>		6/6/5
Max. feed forces in X-/Y-/Z-axis [kN] <sup>(1)</sup>		15/20/25
Positioning accuracy* in X-/Y-/Z-axis [mm]		0.006
Repeat precision of positioning* in A-/B-axis [mm]		<0.0025
<b>MAIN SPINDLE</b>		
Tool interface for hollow taper shanks acc. to ISO 12164-1		HSK-A100
Diameter of front spindle bearing [mm]		110
Speed n <sub>max</sub> [rpm]		11,000
Max. drive power at 100 %/40 % duty cycle [kW]		50/64
Max. spindle torque at 100 %/40 % duty cycle [Nm]		473/611
Chip-to-chip time t <sub>1</sub> according to VDI 2852 [s] relative to speed [rpm]		4.7
<b>CONTROL SYSTEM</b>		
Available control system		SIEMENS SINUMERIK ONE
<b>PART</b>		
Max. workpiece dimensions [mm] (without/with pallet)		Ø 1,400x1,100/Ø 1,250x1,100
Max. portal clearance [mm]		1,250x1,100
Max. interference diameter [mm]		Ø 1,750x1,650***
Max. tool length [mm]		500/900**
<b>Milling</b>		
Table size [mm]		1,250x1,000
Pallet size [mm]		800x800/800x1,000/ 1,000x1,000/1,000x1,250
Max. part weight [kg] (table/pallet/pallet changer)		2,600/2,600/2,000 (3,600/3,600/2,600)**
Universal swiveling milling head		Swivel head/clevis head

<sup>(1)</sup> Depends on motorized spindle type

\* According to ISO 230-2:2014 \*\* optional \*\*\* Possible only with restrictions



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# 5-AXIS PORTAL MILLING MACHINING CENTER



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