



Chester High Speed Gantry Type Machining Centre • GT7



- Best Choice for high speed cutting
- Gantry design with fixed worktable
- Dual drive system with two ballscrews on Y axis to ensure the best dynamic

- Compact design with mini. floor plan area
- Built-in spindle 36000 rpm, HSK E50
- Optional with graphite machining preparation

Technical Specifications		GT7
Table		
Table size		800 × 600mm
T-slot (width x number x distance)		18 x 5 x 100mm
Max. load		600kg
Travel		
X/Y/Z Travel		700 / 600 / 450mm
Spindle nose to table		145 - 595mm
Distance between columns		-
Spindle		
Spindle taper		HSK E50
Spindle motor power		16 / 22 kW
Spindle motor torque		21/28 Nm
Spindle speed		36000rpm
Feed		
Rapid feed		15 m/min
Cutting speed		1-12000 mm/min
Tool changer		
Number of tools		40 pcs
Max. tool length		250 mm
Max. tool diameter		63mm
Max. tool weight		4kg
Accuracy (VDI 3441)		
Positioning accuracy (with linear encoder)		0.006mm / Full Travel
Repeatability accuracy (with linear encoder)		0.003mm / Full Travel
Dimensions & weight		
Dimensions		3586 x 2803 x 3030mm
Weight		8000kg

Standard Configuration:

- ✓ Full enclosed splash guard
- ✓ Motor spindle HSK E50 36000 rpm
- ✓ 40 pockets umbrella tool changer
- ✓ Air-conditioned electrical cabinet
- ✓ High precision spindle water cooler
- ✓ Linear scales
- ✓ Rigid tapping
- ✓ Ethernet, CF card and USB interface
- ✓ Automatic lubrication system
- ✓ Coolant system
- ✓ Air blast during cutting
- ✓ LED working lamp
- ✓ End of program light
- ✓ Electronic handwheel (MPG)
- ✓ Tool box
- ✓ Leveling bolts and blocks
- ✓ Coolant gun
- ✓ Air gun
- ✓ User Manual

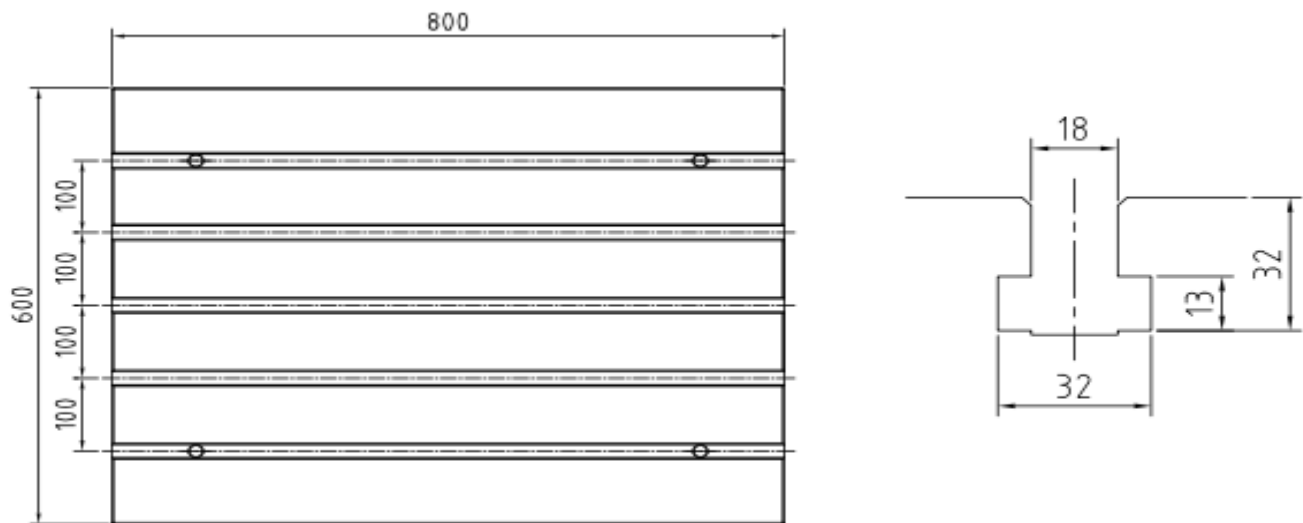
Optional Configuration:

- HSK E32 40000 rpm with 48 pockets umbrella tool changer
- HSK A63 20000 rpm with 40 pockets umbrella tool changer
- Chain type chip conveyor
- Graphite Machining Preparation
- Oil mist collector
- Oil cooled ballscrew
- Oil skimmer
- Workpiece probe
- Tool probe

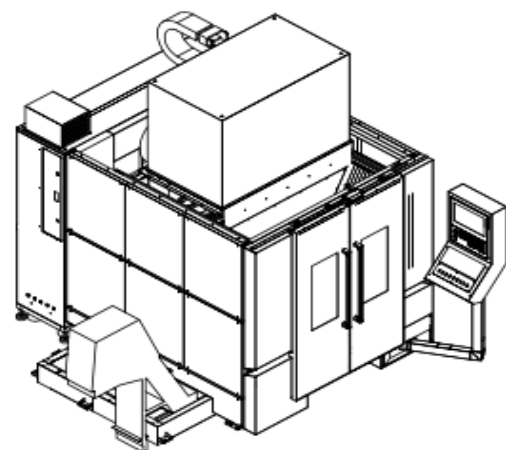
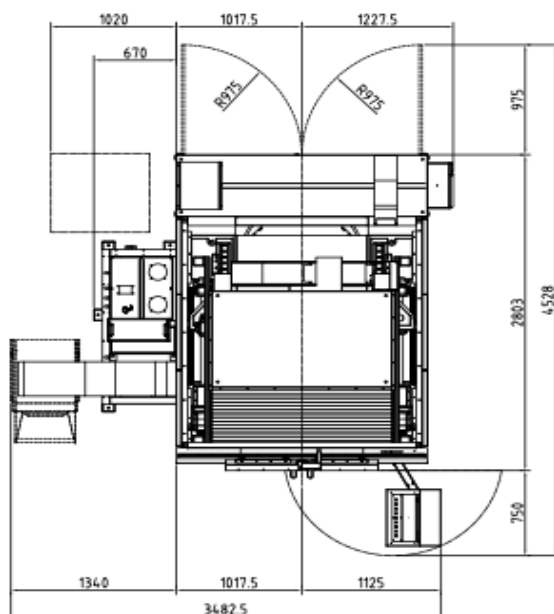
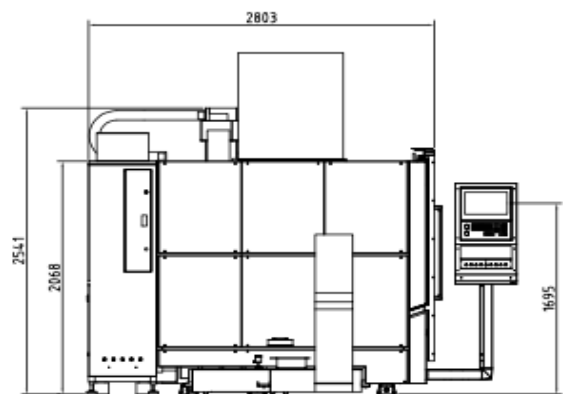
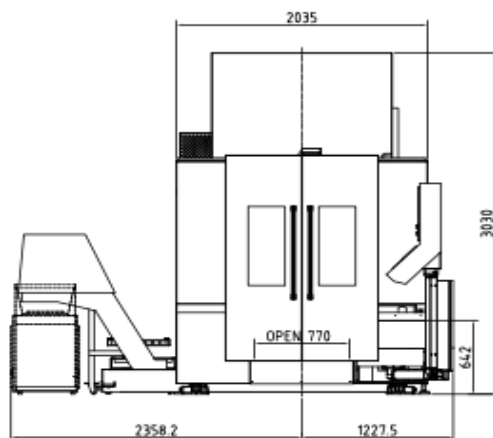
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Work table



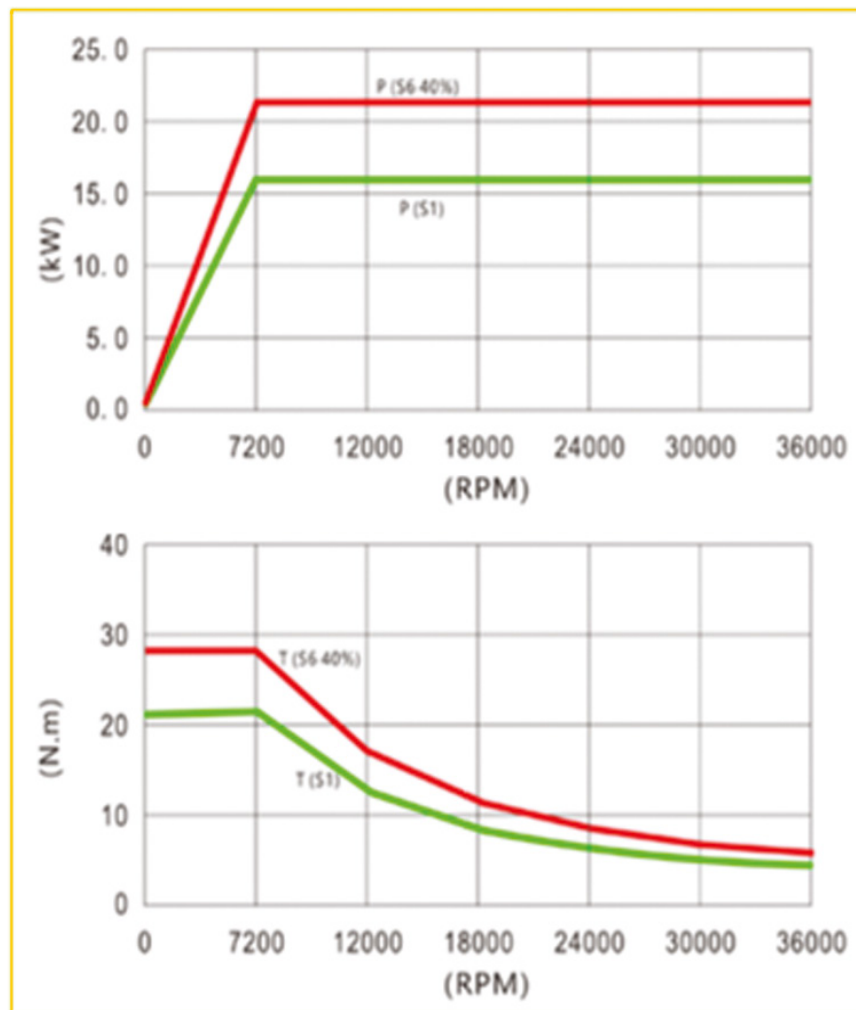
Dimensions





Torque diagram for standard Siemens version

GT7 · 36000 rpm · HSK E50



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