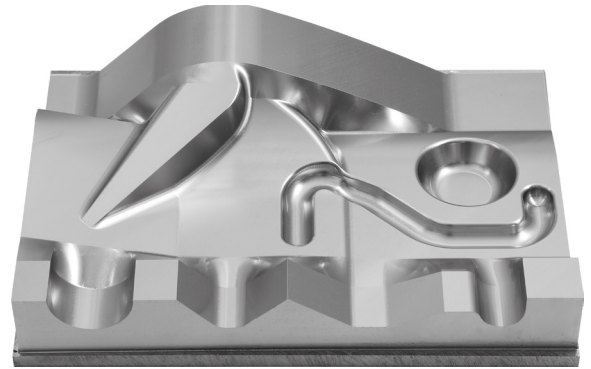




Chester Vertical Machining Centre • VF760



- Cast iron is tempered for stress relief to ensure structural stability without deformation
- C3 class ballscrews ensures the highest accuracy and durability
- Pre-tension on all axis minimizes thermal distortion



Standard configuration:

- ✓ Fully enclosed splash guard
- ✓ Direct drive spindle 12000 rpm
- ✓ Spindle cooling system
- ✓ 24 pockets arm tool changer
- ✓ Air-conditioned electrical cabinet
- ✓ Rigid tapping
- ✓ Ethernet, CF card and USB interface
- ✓ Automatic lubrication system
- ✓ Coolant system
- ✓ LED working lamp
- ✓ End of program light
- ✓ Electronic handwheel (MPG)
- ✓ Tool box
- ✓ Leveling bolts and blocks
- ✓ Coolant gun
- ✓ Air gun
- ✓ Air blast during cutting
- ✓ Chain type chip conveyor
- ✓ User Manual

Optional configuration:

- CTS coolant through spindle + ATS
- Motor spindle 20000 rpm, HSK A63
- 4th axis
- 4/5th axis
- Workpiece probe
- Tool probe
- Linear scales
- Oil skimmer

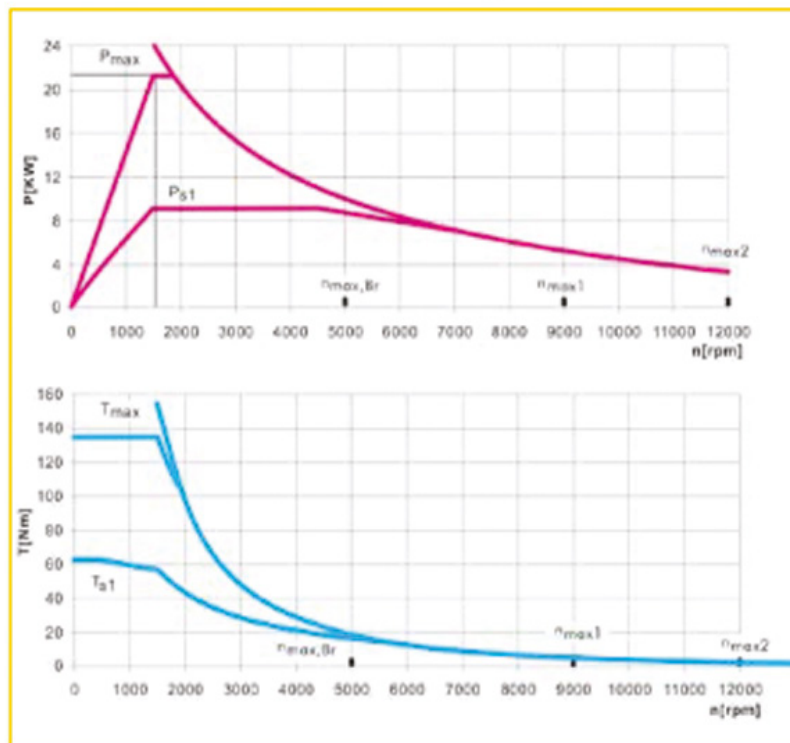
Technical Specifications	VF760
Table	
Table size	900 x 420mm
T-slot (width x number x distance)	14 x 3 x 125 mm
Max. load	500kgs
Travel	
X / Y / Z Travel	700 / 450 / 520mm
Spindle nose to table	100 - 620mm
Spindle centre to column	517mm
Spindle	
Spindle taper	SK 40 / BBT 40 / CAT 40
Spindle servo motor	9 / 22 kW Siemens; 11 / 18.5kW Fanuc
Spindle speed	12000rpm
Spindle(option 1)	HSK A63, 20000rpm
Motor power/torque	20/24kW; 35/42Nm
Feed	
Rapid feed X/Y/Z	48 m/min (24 m/min opt.)
Cutting feed	1-12.000 m/min
Tool changer	
Number of tools	24 pcs
Max. tool length	300mm
Max. tool diameter	78 (125)mm
Max. tool weight	8kgs
Accuracy (VDI 3441)	
Positioning accuracy (without linear encoder)	0.010mm / Full Travel
Positioning repeatability (without linear encoder)	0.006mm / Full Travel
Positioning accuracy (with linear encoder)	0.006mm / Full Travel
Positioning repeatability (with linear encoder)	0.004mm / Full Travel
Dimensions & weight	
Dimensions	3250 x 2710 x 2900mm
Weight	4500kgs

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.

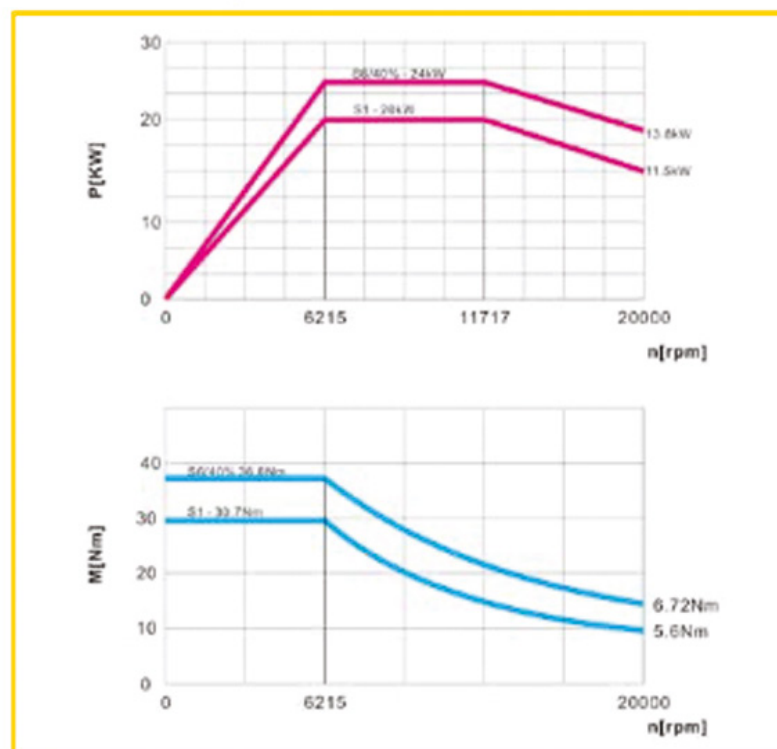




Torque diagram for standard Siemens version



VF760 · 20000 rpm · HSK A63

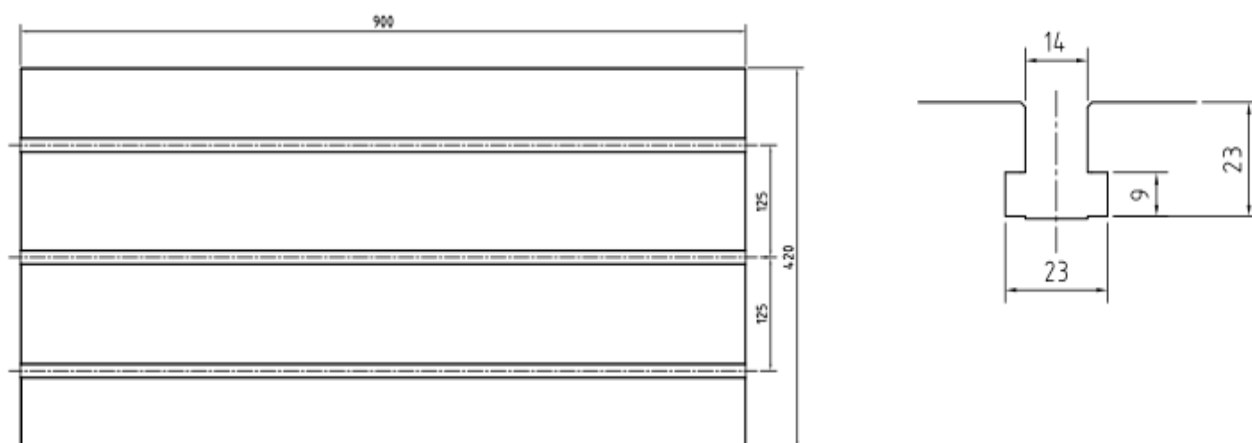


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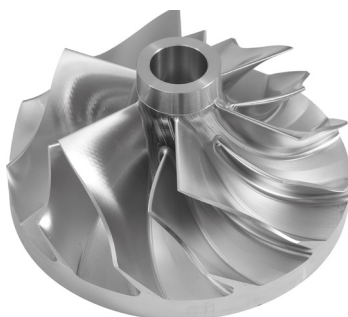
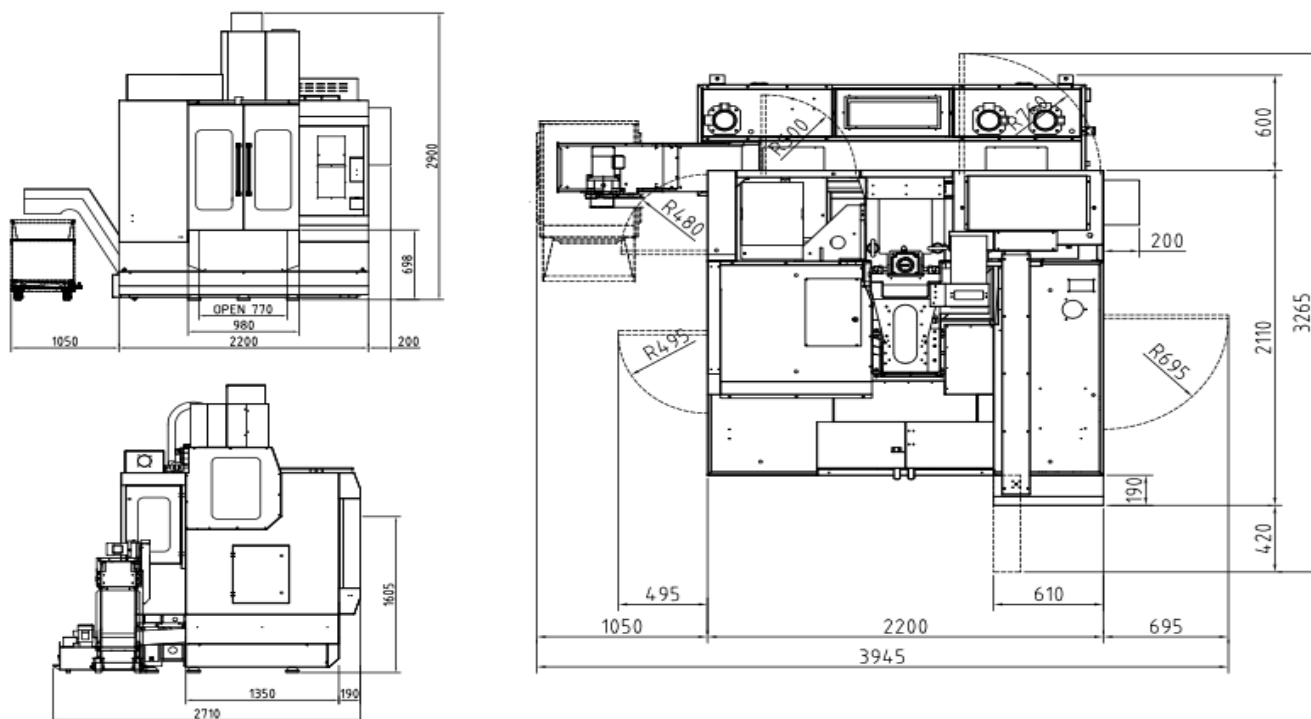




Work table



Dimensions



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