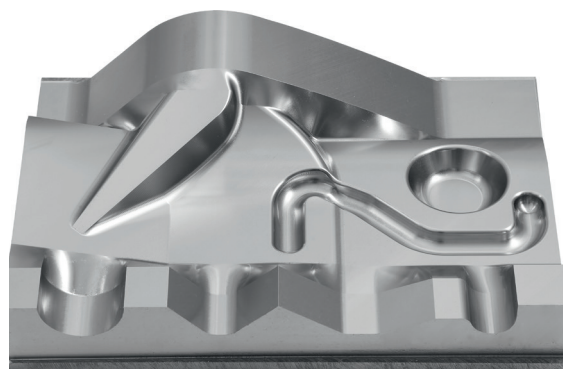




Chester Vertical Machining Centre • VF760



- 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:

- ✓ Siemens 828D/Fanuc Type 3 PLUS
- ✓ Fully Enclosed Splash Guard
- ✓ Shopmill (Siemens)
- ✓ Manual Guide I, AICCI and Data Server (Fanuc)
- ✓ Direct Drive Spindle 12000 rpm
- ✓ Spindle Oil Cooler
- ✓ Coolant Through Spindle
- ✓ Coolant through Ballscrew
- ✓ 24 Pockets Arm Tool Changer
- ✓ Air Conditioning for 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
- ✓ Chain Type Chip Conveyor
- ✓ Chip Flushing System
- ✓ User Manual

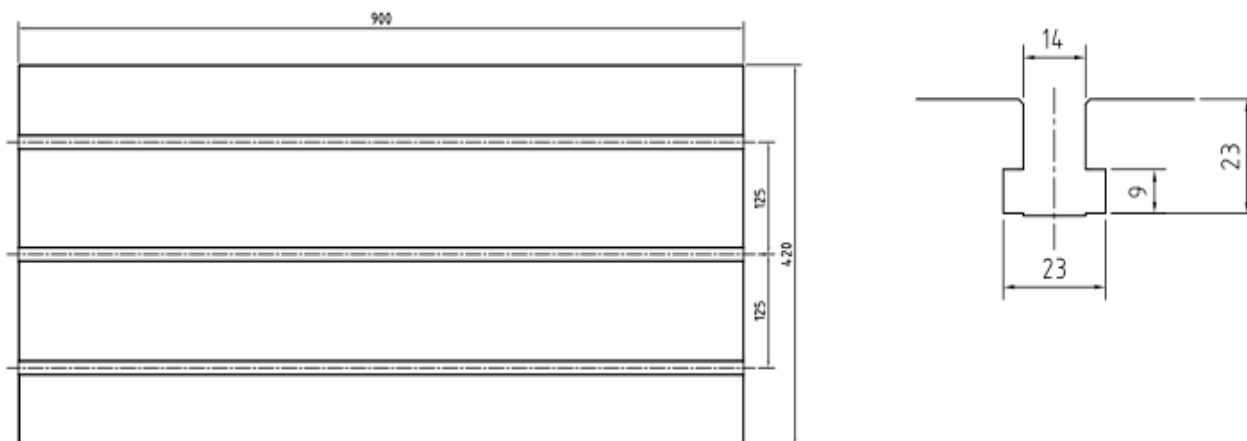
Optional configuration:

- Spindle Speed 15000 rpm, Direct Drive
- Built-In Spindle 20000rpm, HSK A63
- 4th or 4/5th Axis
- Workpiece probe
- Tool probe
- 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		BBT 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



Work table



Dimensions

