



Chester Vertical Machining Centre VL5



- The best choice for commencing CNC machining training
- Tool room workshop
- Metal parts machining
- Model making
- R&D
- Cast iron is tempered for stress relief to ensure structural stability without deformation



Technical Specifications		VL5
Table		
Table size		650 x 300mm
T-slot (width x number x distance)		14 x 3 x 100mm
Max. load		200kgs
Travel		
X / Y / Z Travel		500 / 300 / 400mm
Spindle nose to table		120 - 520mm
Spindle centre to column		340mm
Spindle		
Spindle taper		BT40
Spindle servo motor		4.8 / 19 Siemens 5.5 / 7.5 Fanuc kW
Spindle speed		10.000 min ⁻¹
Feed		
Rapid speed		X/Y: 24, Z: 16 m/min
Cutting speed		1-10.000 mm/min
Tool changer		
Number of tools		12 pcs
Max. tool length		300mm
Max. tool diameter		90 / 125mm
Max. tool weight		8kgs
Accuracy		
VDI 3441 (Full travel)		Positioning accuracy 0.010 / Full Travel Positioning repeatability 0.008mm / Full Travel
Dimensions & weight		
Dimensions		1660 x 2000 x 2500mm
Weight		1800kgs

Standard configuration:

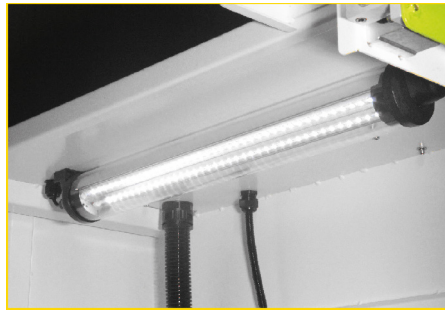
- ✓ Fully enclosed splash guard
- ✓ Belt drive spindle 10000 rpm
- ✓ 12 position umbrella tool changer
- ✓ Heat exchanger for electrical cabinet
- ✓ Rigid tapping
- ✓ Ethernet, CF card and USB interface
- ✓ Automatic lubrication system
- ✓ Coolant system
- ✓ LED working lamp
- ✓ End of program light
- ✓ Electronic handwheel (MPG)
- ✓ Tool box
- ✓ Leveling bolts and blocks
- ✓ Coolant gun
- ✓ Air gun
- ✓ Chip flushing system
- ✓ User Manual

Optional configuration:

- Spindle cooling system
- Workpiece probe
- Tool probe
- Rotary table
- Oil skimmer



12 station umbrella tool changer



LED Internal lamp



Chip flushing system



4th axis (optional)

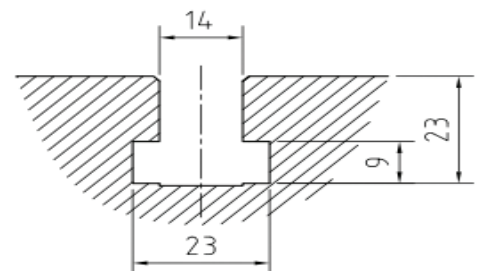
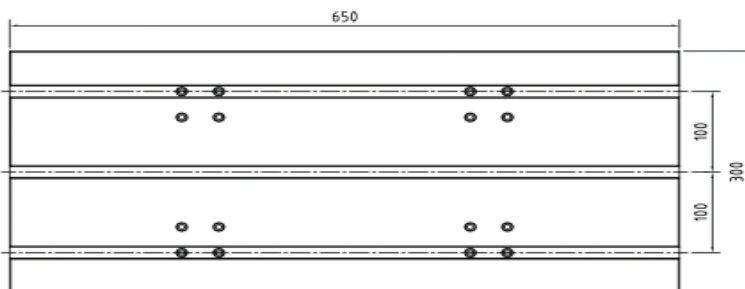


Tool probe (optional)



Chip collector & Coolant tank

Work table



Dimensions

