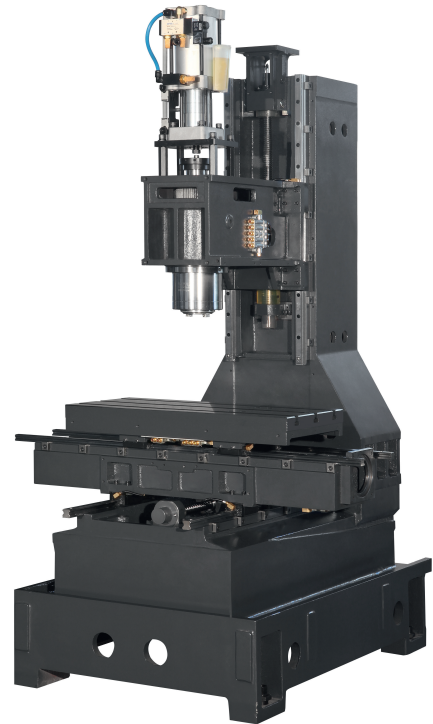




- The best choice for commencing CNC machining training
- Tool room workshop
- Metal parts machining
- Model making
- R&D
- Cast iron is tempered for stress relief to ensure structural stability without deformation



Technical Specifications		VL5
Table		
Table size		650 x 300mm
T-slot (width x number x distance)		14 x 3 x 100mm
Max. load		200kg
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 / 21kW Siemens 3.7 / 13kW Fanuc
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		8kg
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		1800kg

Standard Configuration:

- Fully enclosed splash guard
- Belt drive spindle 10000rpm
- 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
- Levelling bolts and blocks
- Coolant gun
- Air gun
- Chip flushing system
- Manual

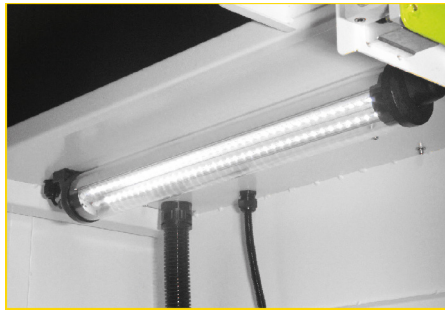
Optional Configuration:

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

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



12 station umbrella tool changer



LED Internal lamp



Chip flushing system



4th axis (optional)

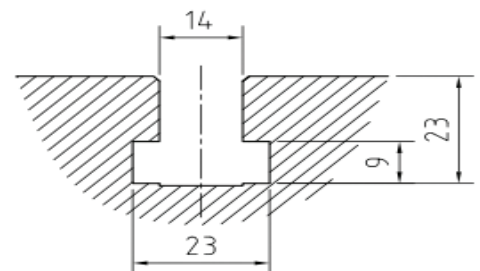
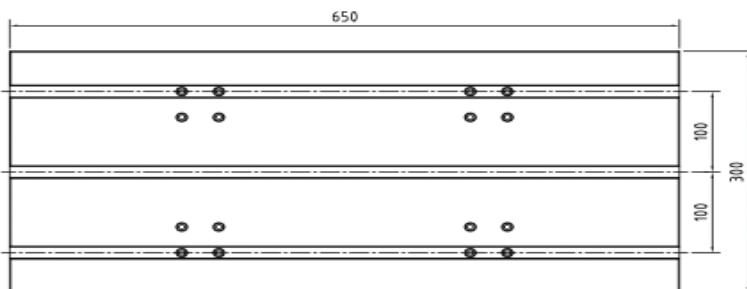


Tool probe (optional)

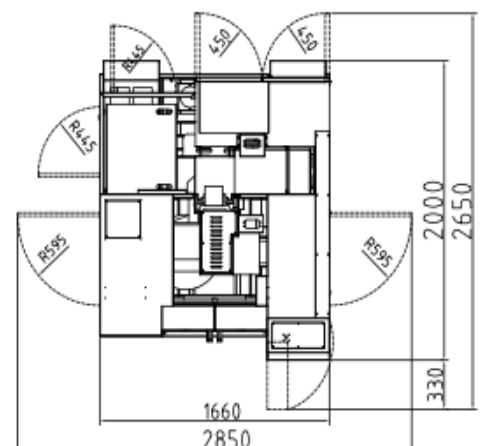
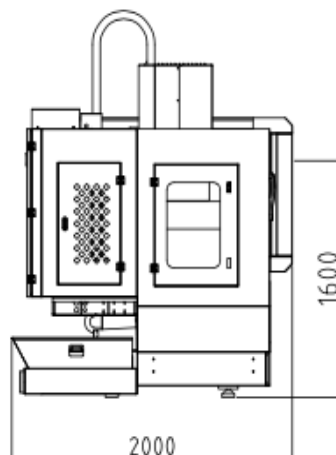
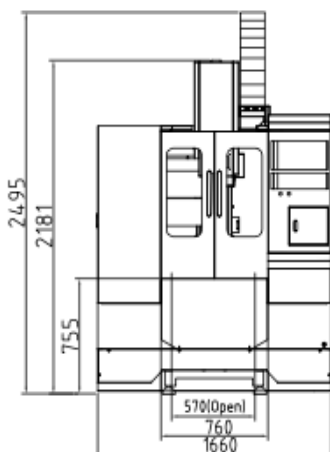


Chip collector & Coolant tank

Work table



Dimensions



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