



Chester Vertical Machining Centre • VL6



- Providing optimal performance. Ideal for mass production and machining metal parts.

Technical Specification		VL6
Table		
Table size		750 x 400mm
T-slot (width x number x distance)		14 x 3 x 125mm
Max. load		350kgs
Travel		
X/Y/Z Travel		600 / 400 / 450mm
Spindle nose to table		110 - 560mm
Spindle centre to column		434mm
Spindle		
Spindle taper		BT40
Spindle speed		10.000 min ⁻¹
Spindle servo motor		4.8/19 kW Siemens 3.7 / 13 kW Fanuc
Feed		
Rapid feed X/Y/Z		48 m/min
Cutting speed		1-12.000 mm/min
Tool changer		
Number of tools		24 pcs
Max. tool length		220mm
Max. tool diameter		78 (125)mm
Max. tool weight		8kgs
Accuracy		
VDI 3441 (Full travel)		Positioning accuracy 0.010 / Full Travel Positioning repeatability 0.006mm / Full Travel
Dimensions & Weight		
Dimensions		1800 × 2530 × 2700mm
Weight		3500kgs

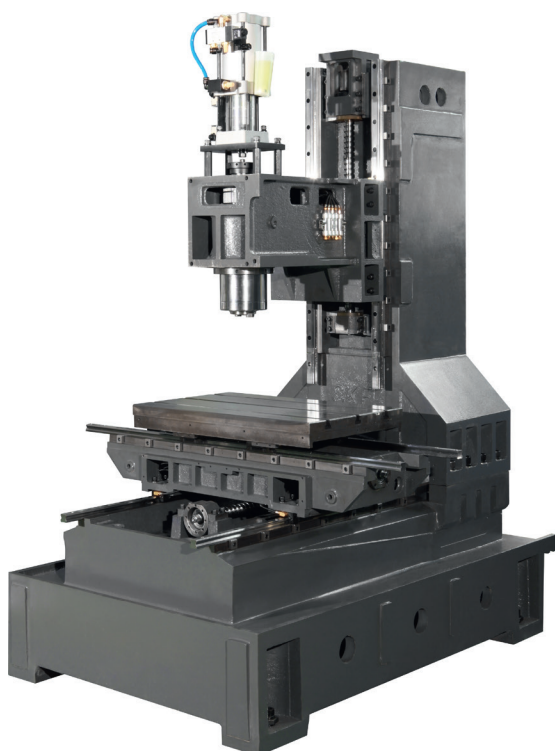
- Tool room workshop
- Metal parts machining
- Mould making, R&D
- Cast iron is tempered for stress relief to ensure structural stability without deformation
- C3 class ballscrews ensures the highest accuracy and durability
- Pre-tension on all axes minimizes thermal distortion

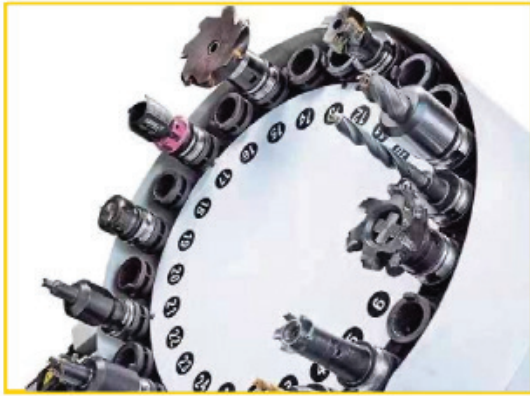
Standard configuration:

- ✓ Siemens 828D/Fanuc Type 3 PLUS
- ✓ Fully Enclosed Splash Guard
- ✓ Shopmill (Siemens Only)
- ✓ Manual Guide I, AICCL and Data Server (Fanuc)
- ✓ Belt Drive Spindle 10000 rpm
- ✓ Spindle Oil Cooler
- ✓ Coolant Through Spindle
- ✓ 20 Pockets Arm 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

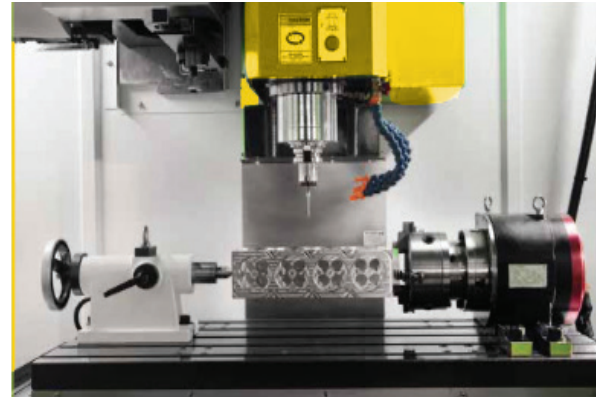
Optional configuration:

- Spindle Speed 12000 rpm, Direct Drive
- 4th Axis
- Workpiece Probe
- Tool Probe
- Oil Skimmer



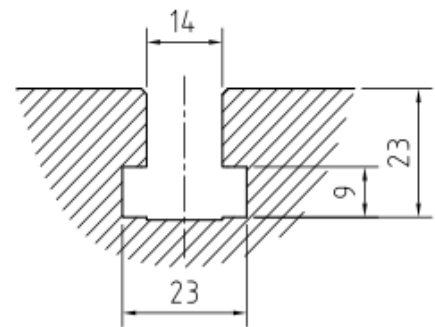
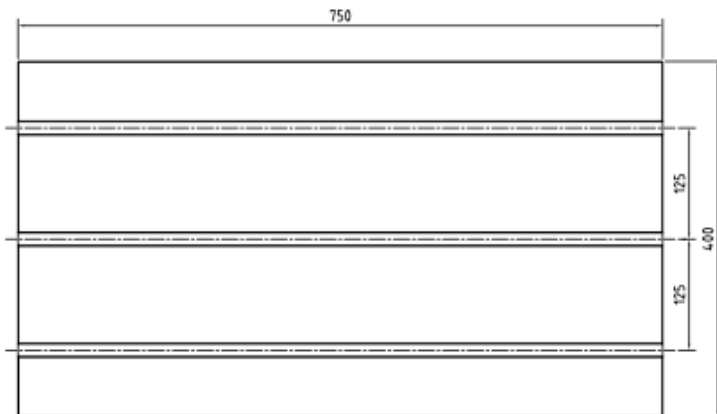


20 pocket arm tool changer



4th axis (optional)

Work table



Dimensions

