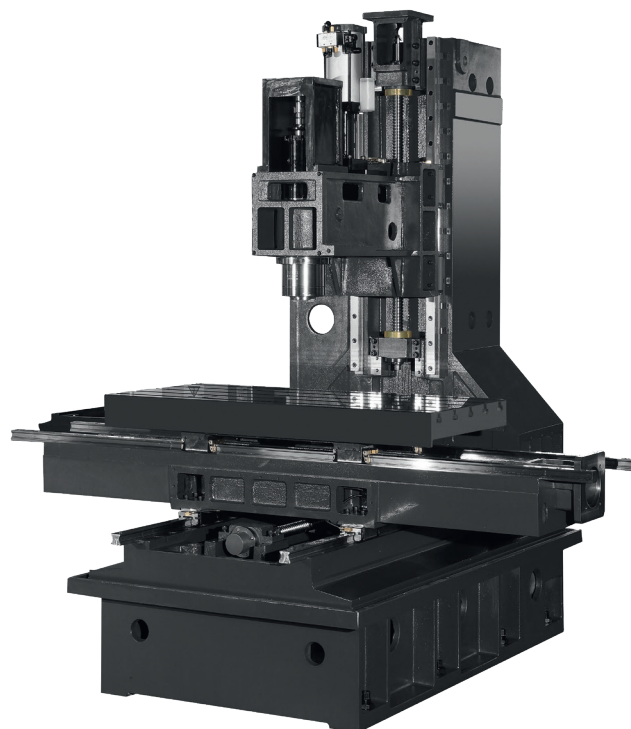




Chester Vertical Machining Centre • VL10



- Ideal for mass production and machining metal parts
- Cast iron is tempered for stress relief to ensure structural stability without deformation
- Pre-tension on all axes minimizes thermal distortion
- C3 class ballscrews ensures the highest accuracy and durability



Technical Specifications		VL10
Table		
Table size		1100 x 500mm
T-slot (width x number x distance)		18 x 5 x 100mm
Max. load		600kgs
Travel		
X/Y/Z Travel		1020 / 530 / 560mm
Spindle nose to table		115 - 675mm
Spindle centre to column		566mm
Spindle		
Spindle taper		BT40
Spindle speed		10.000 min ⁻¹
Spindle servo motor		9 / 22 kW Siemens 7.5 / 15 kW Fanuc
Tool changer		
Number of tools		24 pcs
Max. tool diameter (without adjacent tool)		78 (125)mm
Max. tool length		300mm
Max. tool weight		8kgs
Feed		
Rapid feed X/Y/Z		48 (opt. 30) m/min
Cutting speed		1-12.000 mm/min
Accuracy		
VDI 3441 (Full travel)		Positioning accuracy 0.010 / Full Travel Positioning repeatability 0.006mm / Full Travel
Dimensions & weight		
Dimensions		3870 x 2175 x 2850mm
Weight		5000kgs

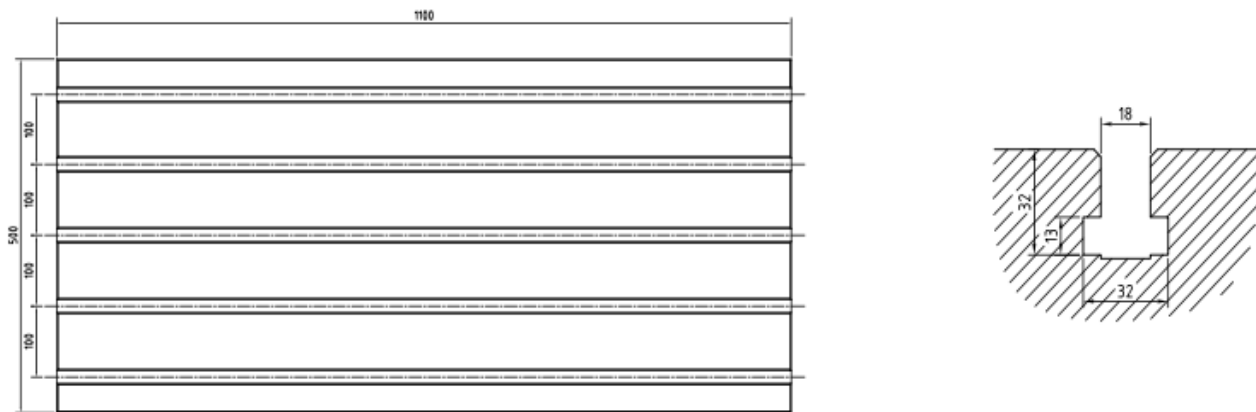
Standard configuration:

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

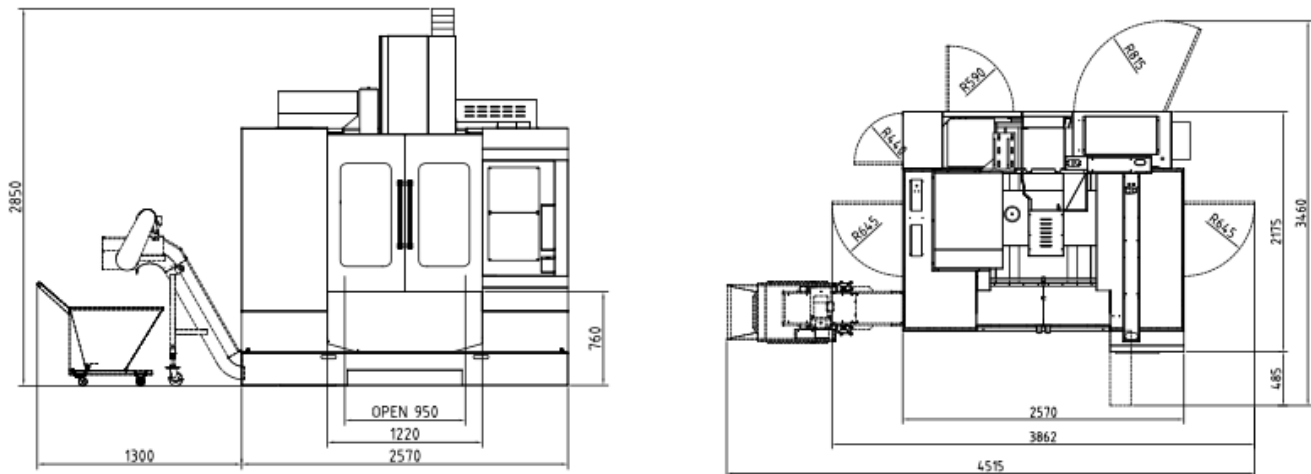
Optional configuration:

- Spindle Speed 12000 rpm, Direct Drive
- 4th or 4/5th Axis
- Workpiece Probe
- Tool Probe
- Oil Skimmer

Work table



Dimensions



4th axis, different sizes

