



Chester Vertical Machining Centre • VL7B



Technical Specifications	VL7B
Table	
Table size	900 x 420mm
T-slot (width x number x distance)	14 x 3 x 125mm
Max. load	500kgs
Travel	
X/Y/Z Travel	760 / 450 / 520mm
Spindle nose to table	100 - 620mm
Spindle centre to column	517mm
Spindle	
Spindle taper	BT40
Spindle speed	10.000 min ⁻¹
Spindle servo motor	7/15kW, 52/95Nm Siemens 3.7 / 13 kW Fanuc
Feed	
Rapid feed X/Y/Z	30m/min
Cutting speed	1-12.000 mm/min
Tool changer	
Number of tools	24 pcs
Max. tool length	300mm
Max. tool diameter	78 (125)
Max. tool weight	8kgs
Accuracy (VDI 3441)	
Positioning accuracy (without linear encoder)	0.008mm / Full Travel
Positioning repeatability (without linear encoder)	0.006mm / Full Travel
Dimensions & Weight	
Dimensions	3250 x 2710 x 2900mm
Weight	4500kgs

Standard configuration:

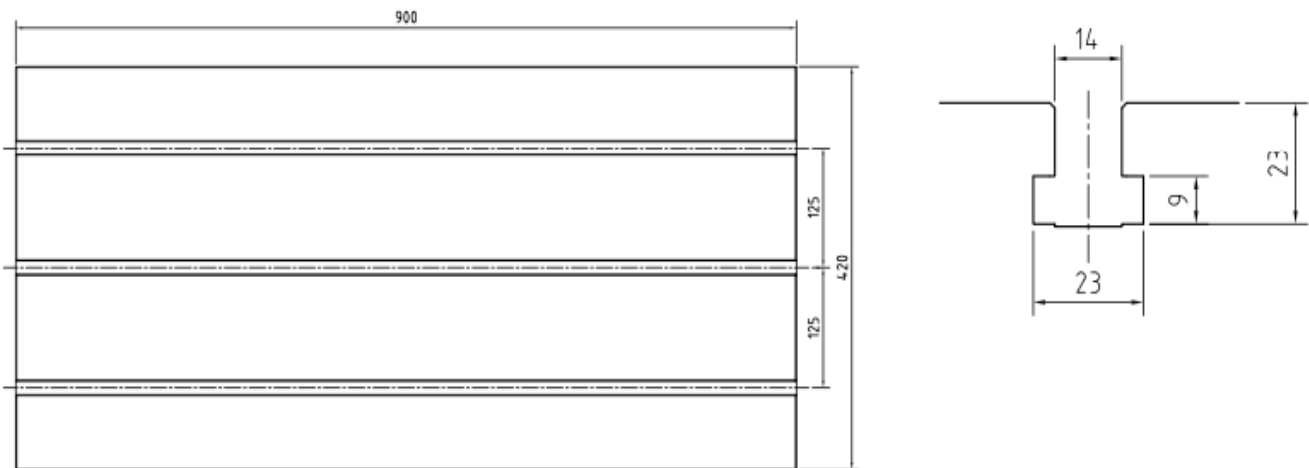
- ✓ Siemens 828D/Fanuc Type 3 PLUS
- ✓ Fully Enclosed Splash Guard
- ✓ Shopmill (Siemens) Manual Guide I, AICCI and Data Server (Fanuc)
- ✓ Belt Drive Spindle 10000 rpm
- ✓ Spindle Oil Cooler
- ✓ Coolant Through Spindle
- ✓ 24 Pockets Arm Tool Changer
- ✓ Air Conditioning for Electrical Cabinet
- ✓ Rigid 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
- ✓ Screw Type Chip Conveyor
- ✓ Chip Flushing System
- ✓ User Manual

Optional configuration:

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



Working table



Dimensions

