



Chester Vertical Machining Centre • VL7



- High Performance
- High Rigidity
- Suitable for Mould Making

Technical Specifications		VL7
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		9 / 22 kW Siemens 7.5/15 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		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
Positioning accuracy (with linear encoder)		0.006mm / Full Travel
Positioning repeatability (with linear encoder)		0.004mm / Full Travel
Dimensions & Weight		
Dimensions		3450 x 2710 x 2900mm
Weight		4500kgs



Standard configuration:

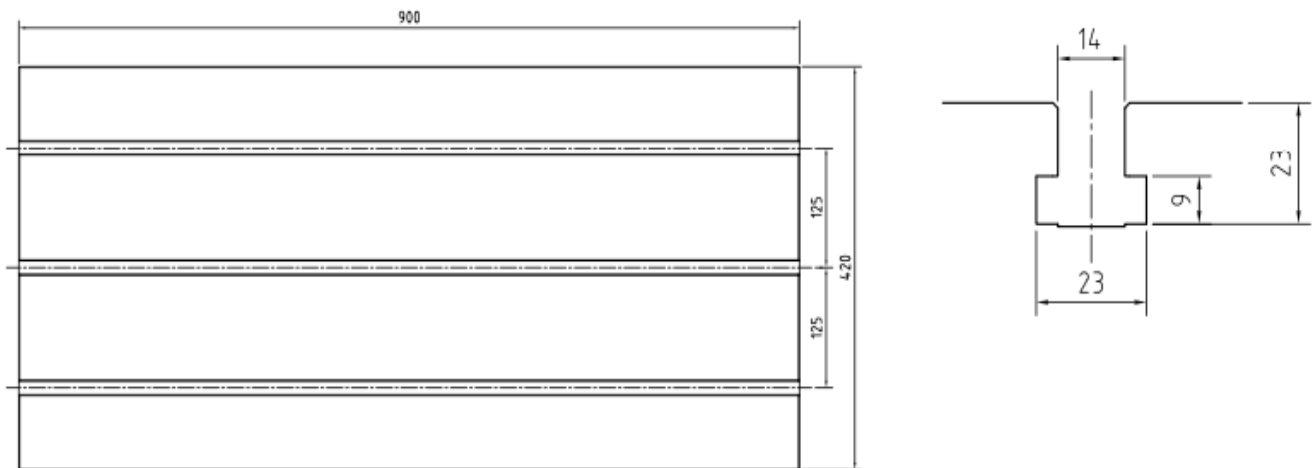
- ✓ Siemens 828D/Fanuc Type 3 PLUS
- ✓ Fully Enclosed Splash Guard
- ✓ Shopmill (Siemens)
- ✓ Manual Guide I, AICCI and Data Server (Fanuc)
- ✓ Belt Drive Spindle 10000 rpm
- ✓ Spindle Oil Cooler
- ✓ Coolant Through Spindle
- ✓ 24 Pockets Arm Tool Changer
- ✓ Air Conditioning for Electrical Cabinet
-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



Working table



Dimensions

