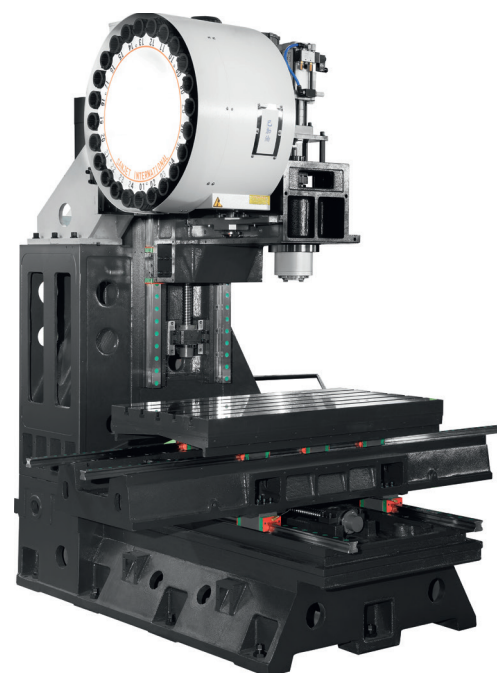




Chester Vertical Machining Centre • VL11



- High Performance
- High Rigidity
- Suitable for Mould Making
- 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 axis minimizes thermal distortion



Technical Specifications	VL11
Table	
Table size	1200 x 600mm
T-slots (width x number x distance)	18 x 5 x 100mm
Max. load	1000kgs
Travel	
X/Y/Z Travel	1100 / 600 / 600mm
Spindle nose to table	150 - 750mm
Spindle centre to column	652mm
Spindle	
Spindle taper	BT40
Spindle servo motor	9 / 22 kW Siemens 11 / 18.5 kW Fanuc
Spindle speed	10.000 min ⁻¹
Feed	
Rapid feed X/Y/Z	36 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)mm
Max. 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	3850 x 2336 x 3000mm
Weight	6500kgs

Standard configuration:

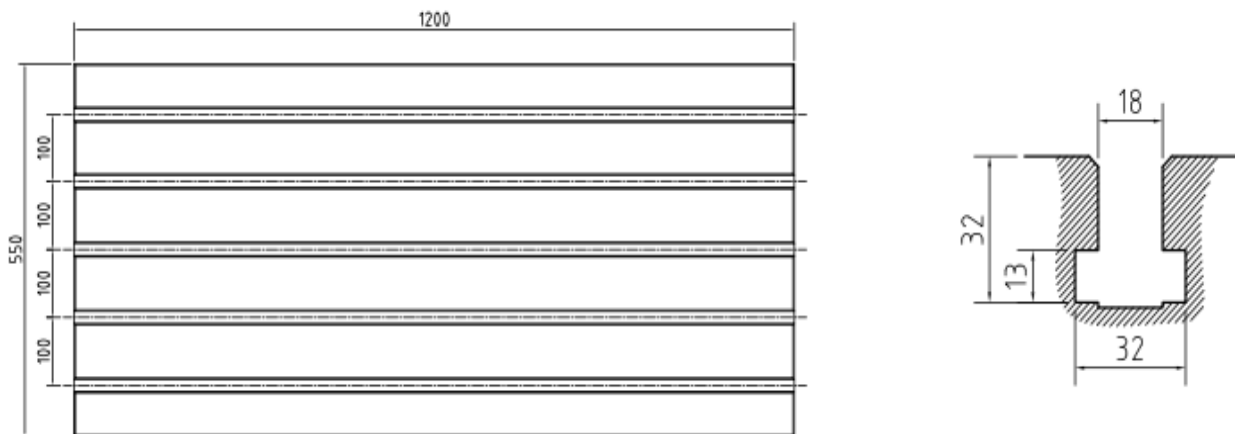
- ✓ Siemens 828D/Fanuc Type 3 PLUS
- ✓ Fully Enclosed Splash Guard
- ✓ Shopmill (Siemens)
- ✓ Manual Guide I, AICCLII and Data Server (Fanuc)
- ✓ Belt Drive Spindle 10000 rpm
- ✓ Spindle Oil Cooler
- ✓ Coolant Through Spindle
- ✓ 24 Pockets Arm Tool Changer
- ✓ Air Conditioning for Electrical Cabinet
- ✓ 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
- Spindle Speed 15000 rpm, Direct Drive
- 4th or 4/5th Axis
- Workpiece Probe
- Tool Probe
- Oil Skimmer



Work table



Dimensions

