



Chester Vertical Machining Centre • VL13 - VL15



- 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

Technical Specifications	VL13	VL15
Table		
Table size	1500 × 650mm	1700 x 700mm
T-slots (width x number x distance)	18 x 5 x 100mm	18 x 6 x 100mm
Max. load	1200kg	1500kg
Travel		
X/Y/Z Travel	1300 / 650 / 600mm	1500 / 760 / 700mm
Spindle nose to table	150 - 750mm	130 - 830mm
Spindle centre to column	697mm	802mm
Spindle		
Spindle taper	BT40	
Spindle speed	10,000rpm	
Spindle motor power	20 / 53 kW Siemens; 11 / 18.5 kW Fanuc	
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	78/125mm	
Max. weight	8kg	
Accuracy (VDI 3441)		
Positioning accuracy (without linear encoder)	0.010mm / Full Travel	
Positioning repeatability (without linear encoder)	0.006mm / Full Travel	
Positioning accuracy (with linear encoder)	0.008mm / Full Travel	
Positioning repeatability (with linear encoder)	0.006mm / Full Travel	
Dimensions & weight		
Dimensions	4025 x 3693 x 3250mm	5000x2432x-3100mm
Weight	8000kgs	10000kgs

Standard configuration:

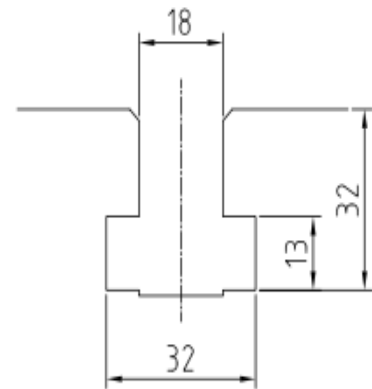
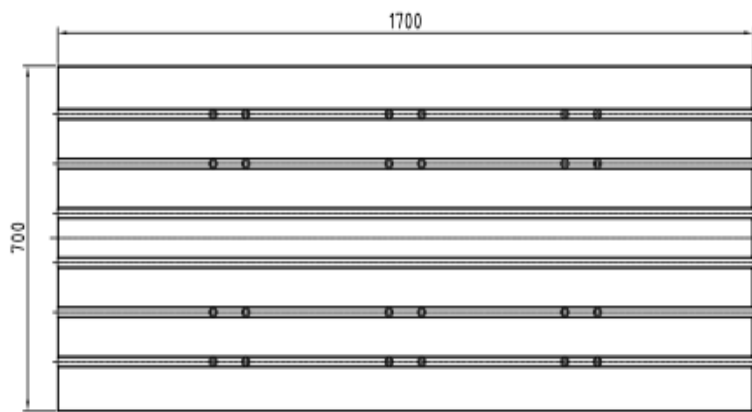
- ✓ Siemens 828D/Fanuc Type 3 PLUS
- ✓ Fully Enclosed Splash Guard
- ✓ Shopmill (Siemens)
- ✓ Manual Guide I, AICCI and Data Server (Fanuc)
- ✓ Belt Drive Spindle 10000 rpm
- ✓ Spindle Oil Cooler
- ✓ Coolant Through Spindle
- ✓ 24 Pockets Arm Tool Changer
- ✓ Air Conditioning for Electrical Cabinet
-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

Optional configuration:

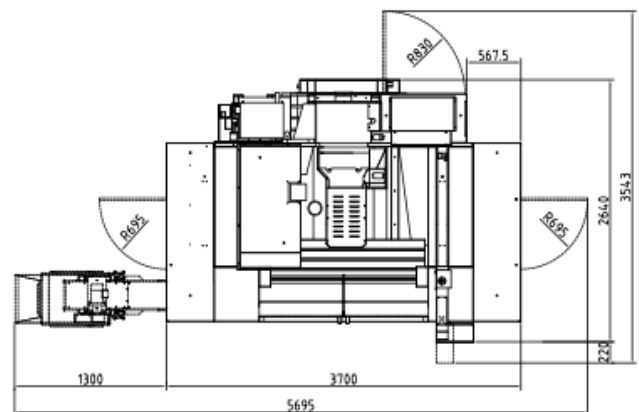
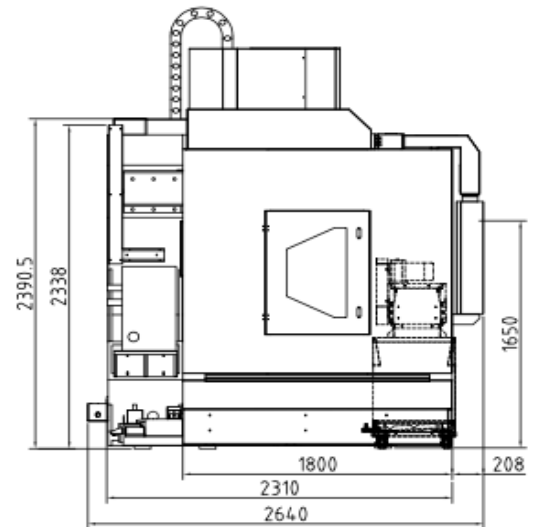
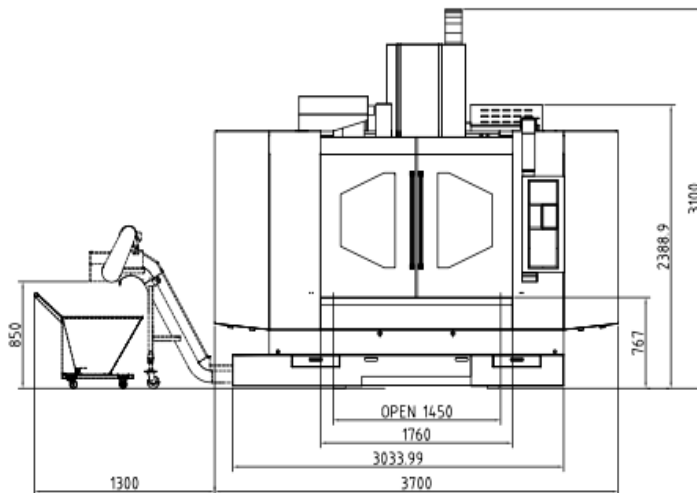
- Spindle Speed 12000 rpm, Direct Drive
- Spindle Speed 15000 rpm, Direct Drive
- BT50 Spindle
- 4th or 4/5th Axis
- Workpiece Probe
- Tool Probe



Work table



Dimensions



5th axis, different sizes