



Chester Power Centre • VP18



- Ideal choice for heavy duty cutting with larger workpieces
- X and Y axis with roller type linear guideways and Z axis with box-way guideways
- 50 taper spindle with belt drive 6000 rpm as standard. Optional Gearbox spindle also available.

Technical Specifications		VP18
Table		
Table size		2000 x 900mm
T-slot (width x number x distance)		18 x 7 x 120mm
Max. load		2000kgs
Travel		
X / Y / Z Travel		1800 / 900 / 600mm
Spindle nose to table		110 - 710mm
Spindle centre to column		950mm
Spindle		
Spindle taper		BT50
Spindle servo motor		22 / 60 kW Siemens 15 / 18.5 kW Fanuc
Spindle speed		6.000 min ⁻¹
Feed		
Rapid speed X/Y/Z		20/20/15 m/min
Cutting speed		1-12000 mm/min
Tool changer		
Number of tools		24 pcs
Max. tool length		400mm
Max. tool diameter		125 / 245 (next release)mm
Max. tool weight		15kgs
Accuracy (VDI 3441)		
Positioning accuracy (without linear encoder)		0.016mm / Full Travel
Positioning repeatability (without linear encoder)		0.010mm / Full Travel
Positioning accuracy (with linear encoder)		0.012mm / Full Travel
Positioning repeatability (with linear encoder)		0.008mm / Full Travel
Dimensions & weight		
Dimensions		6060 x 3270 x 3650mm
Weight		17500kgs

Standard configuration:

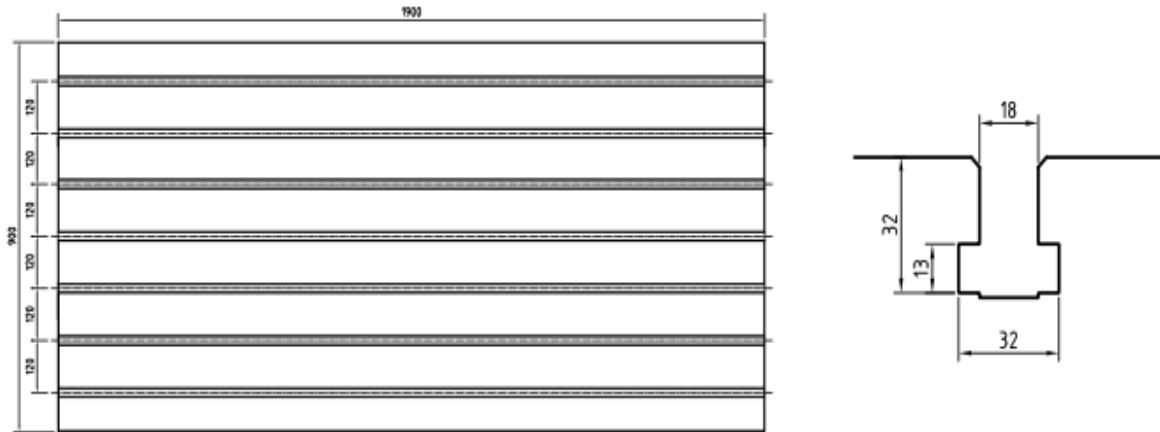
- ✓ Siemens 828D/Fanuc Type 3 PLUS
- ✓ Fully Enclosed Splash Guard
- ✓ Shopmill (Siemens)
- ✓ Manual Guide I, AICCI and Data Server (Fanuc)
- ✓ Belt Drive Spindle 10000 rpm
- ✓ Spindle Oil Cooler
- ✓ Coolant Through Spindle
- ✓ 24 Pockets Arm Tool Changer
- ✓ Air Conditioning for Electrical Cabinet
- ✓ 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
- ✓ 2 Screw Type and 1 Chain Type Chip Conveyor
- ✓ Chip Flushing System
- ✓ User Manual

Optional configuration:

- Belt Drive Spindle 6000rpm
- Gearbox Spindle 6000rpm
- Z Axis 720mm
- 4th or 4/5th Axis
- Workpiece Probe
- Tool Probe
- Oil Skimmer



Work table



Dimensions

