



- 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 6000rpm as standard

Optional gearbox spindle also available

Technical Specifications		VP18
Table		
Table size		2000 x 900mm
T-slot (width x number x distance)		22 x 5 x 165mm
Max. load		2000kg
Travel		
X / Y / Z Travel		1800 / 900 / 800mm
Spindle nose to table		160 - 960mm
Spindle centre to column		950mm
Spindle		
Spindle taper		BT50
Spindle servo motor		17 / 42 kW Siemens 15 / 20.3 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		15kg
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		5722 x 3335 x 3440mm
Weight		17500kg

Standard Configuration:

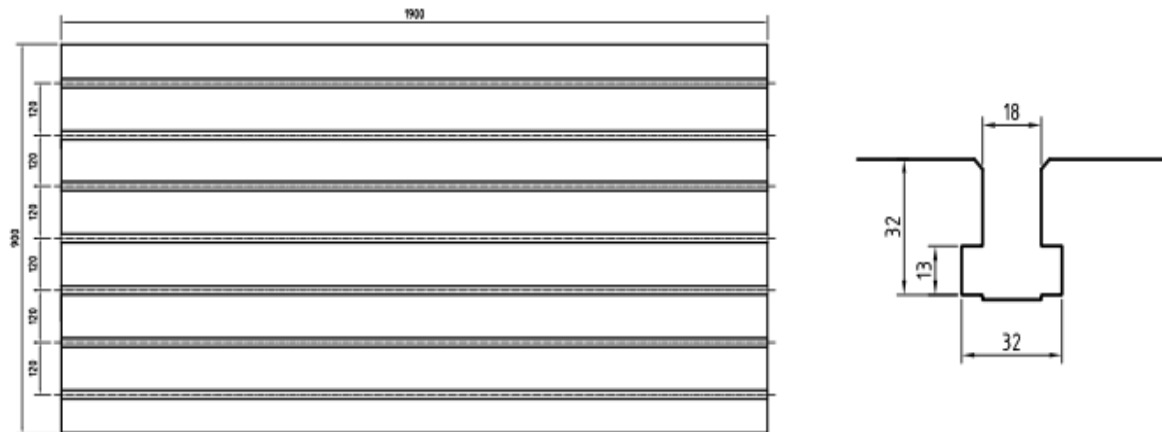
- Siemens 828D/Fanuc Type 3 PLUS
- Fully enclosed splash guard
- Shopmill (Siemens)
- Manual guide I, AICCI and data server (Fanuc)
- Belt drive spindle 10000rpm
- Spindle oil cooler
- Coolant through spindle
- 24 pockets arm tool changer
- Air conditioning for electrical cabinet
- Rigid tapping
- Ethernet CF card and USB interface
- Automatic lubrication system
- Coolant system
- LED work lamp
- End of program light
- Electronic handwheel (MPG)
- Tool box
- Levelling bolts and blocks
- Coolant gun
- Air gun
- 2 Screw type and 1 Chain type chip conveyor
- Chip flushing system
- Manual

Optional Configuration:

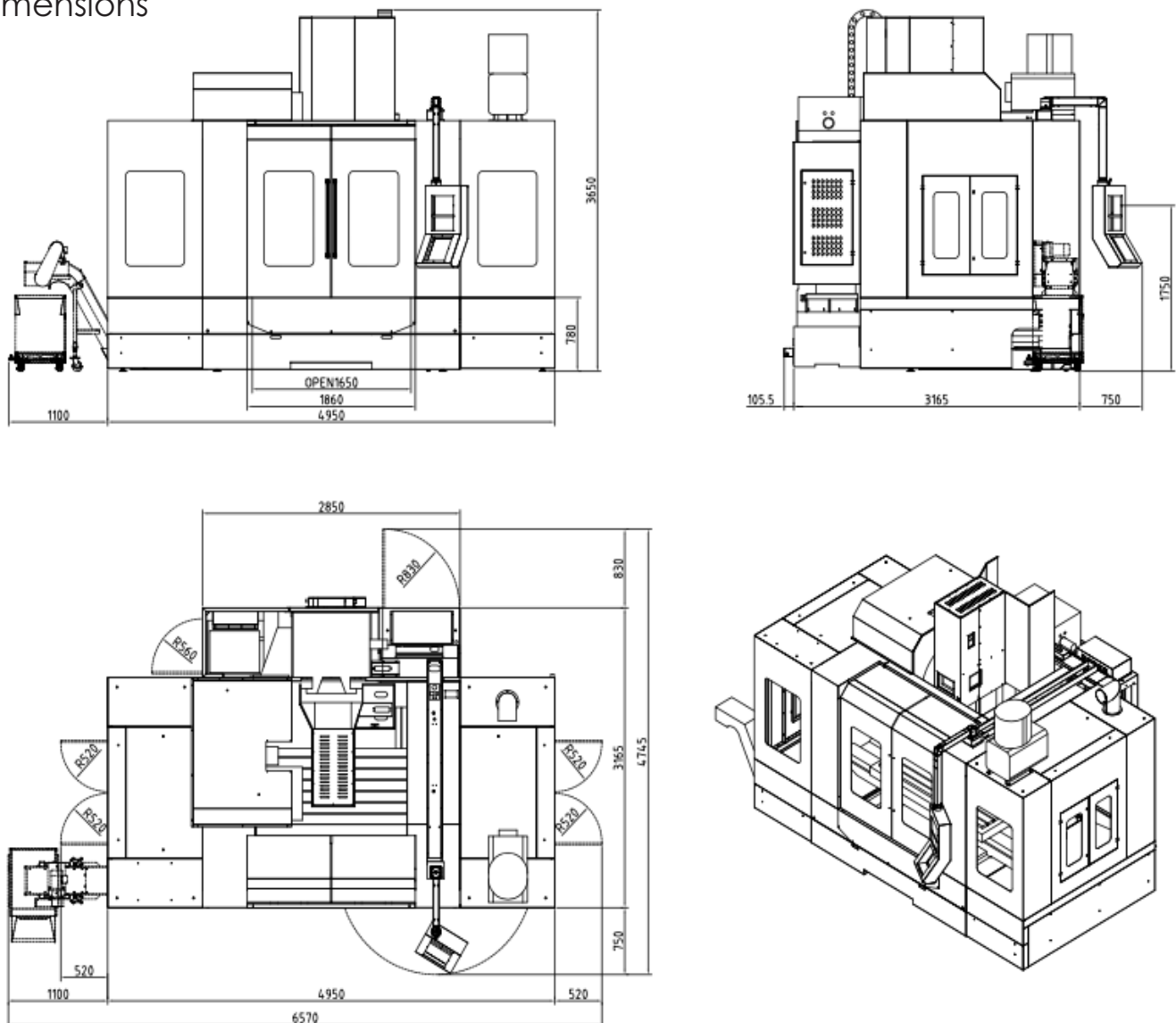
- Belt drive spindle, 6000rpm
- Gearbox spindle 6000rpm
- Z Axis 720mm
- 4th or 4/5th Axis
- Workpiece probe
- Tool probe
- Oil skimmer

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.

Work table



Dimensions



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