

Power Center V18

- Best choice for super heavy duty cutting with large workpiece
- X and Y axis with roller type linear guideways and Z axis with boxway guideways
- 50 taper spindle with belt drive 6000 rpm as standard, and optional with gearbox



- C3 class ballscrews ensures the highest accuracy and durability
- Pre-tension on all axis minimizes thermal distortion

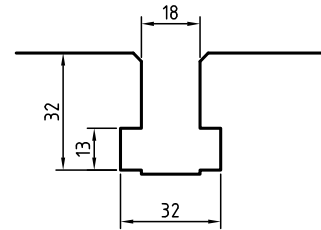
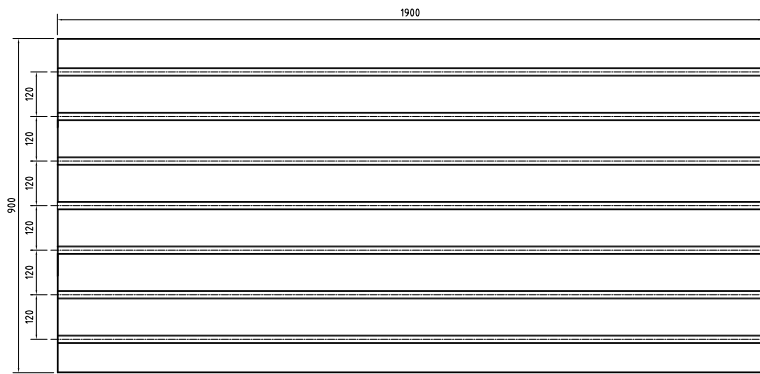
Technical Specifications		Power Center V18
Table		
Table size	mm	2000 x 900
T-slot (width x number x distance)	mm	22 x 5 x 165
Max. load	kg	2000
Travel		
X / Y / Z Travel	mm	1800 / 900 / 600
Spindle nose to table	mm	160 - 760
Spindle center to column	mm	950
Spindle		
Spindle taper	-	SK 50 / BT 50 / CAT 50
Spindle motor power/torque	-	22/60kW; 172/380Nm (SIEMENS) 15/18.5kW; 143/259Nm (FANUC)
Spindle speed	rpm	6000
Feed		
Rapid speed X/Y/Z	m/min	20/20/15
Cutting speed	mm/min	1-12000
Tool changer		
Number of tools	pcs	24
Max. tool length	mm	400
Max. tool diameter	mm	Φ125 / Φ245
Max. tool weight	kg	15
Accuracy (VDI 3441 Full travel)		
Positioning accuracy	mm	0.016
Positioning repeatability	mm	0.010
Dimensions & Weight		
Dimensions	mm	6050x3270x3650
Weight	kg	17500

- Standard configuration**
- ✓ Fully enclosed splash guard
 - ✓ Belt drive spindle 6000 rpm
 - ✓ 24 pockets arm tool changer
 - ✓ Two screw type and one chain type chip conveyor
 - ✓ Air-conditioned 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
 - ✓ Air blast during cutting
 - ✓ User Manual

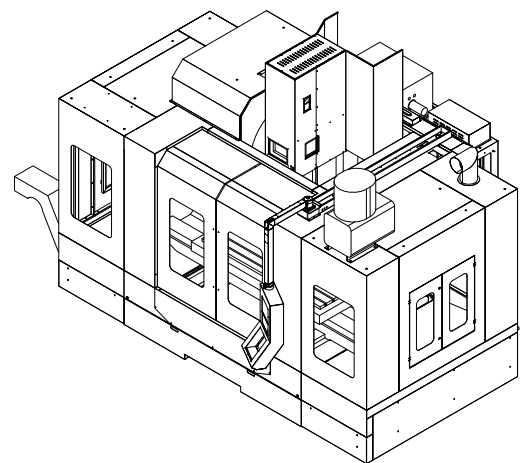
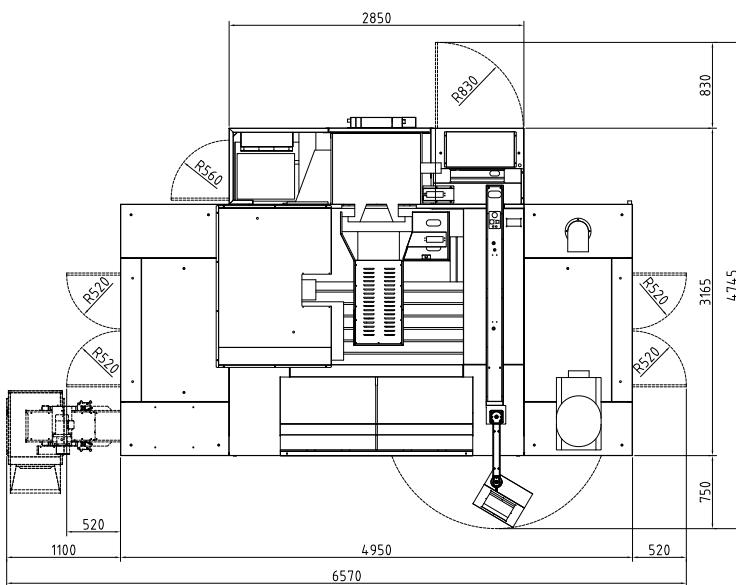
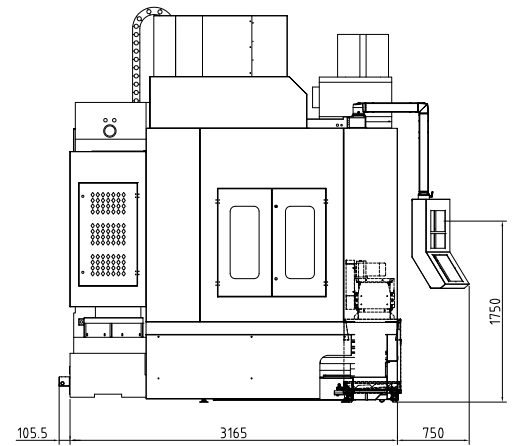
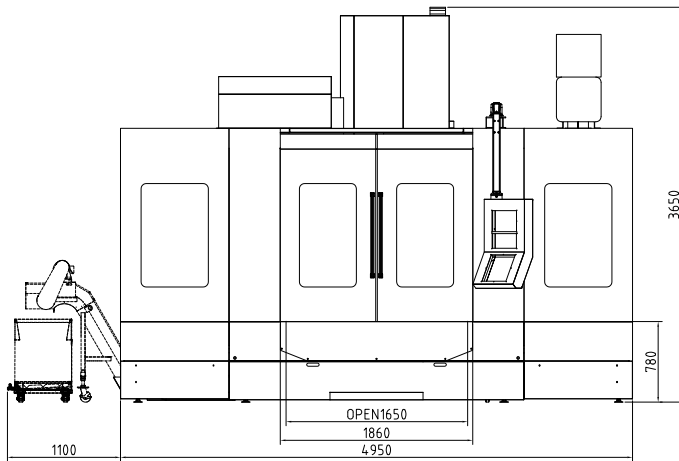
- Optional configuration**
- Spindle oil cooler
 - Gear box spindle 6000 rpm
 - Z axis travel 720 mm (spindle nose to table 160-880 mm)
 - 32 pockets chain type tool changer
 - CTS Coolant through spindle + ATS
 - Oil skimmer
 - Workpiece probe
 - Tool probe
 - 4th axis
 - 4/5th axis
 - Extra 200GB SSD program memory (Only available on SIEMENS Control)

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

Worktable



Dimensions



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