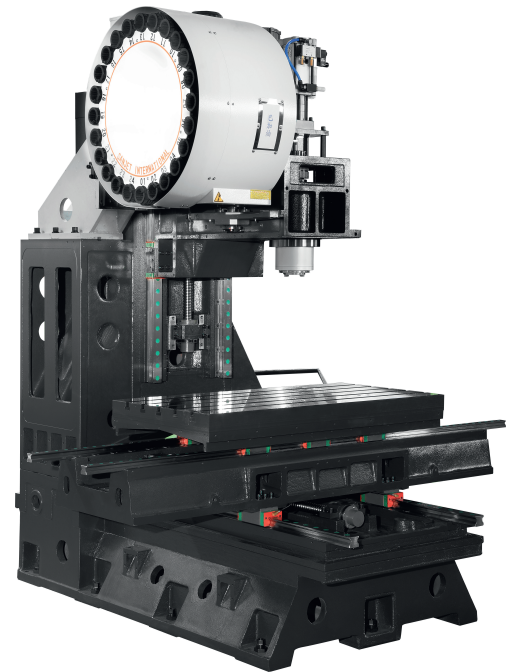




- High Performance
- High Rigidity
- Suitable for Mould Making
- Cast iron is tempered for stress relief to ensure structural stability without deformation
- C3 class ballscrews ensure the highest accuracy and durability
- Pre-tension on all axis minimizes thermal distortion



Technical Specifications	VL11
Table	
Table size	1200 x 600mm
T-slots (width x number x distance)	18 x 5 x 100mm
Max. load	1000kg
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	8kg
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	3845 x 2320 x 3120mm
Weight	6500kg

Standard Configuration:

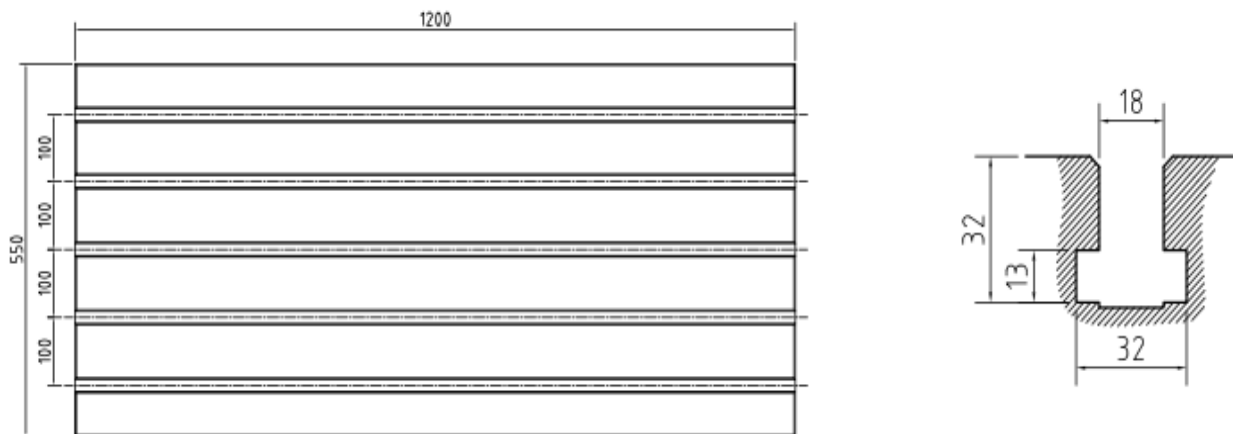
- Siemens 828D/Fanuc Type 3 PLUS
- Fully enclosed splash guard
- Shopmill (Siemens only)
- Manual guide I, AICCI and data server (Fanuc)
- Belt drive spindle 10000rpm
- Spindle oil cooler
- Coolant through spindle
- 24 pockets arm tool changer
- Air conditioning for electrical cabinet
- Rigid tapping
- 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
- Chain type chip conveyor
- Chip flushing system
- Manual

Optional Configuration:

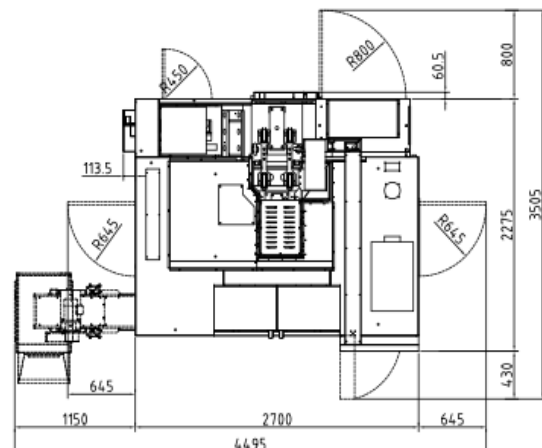
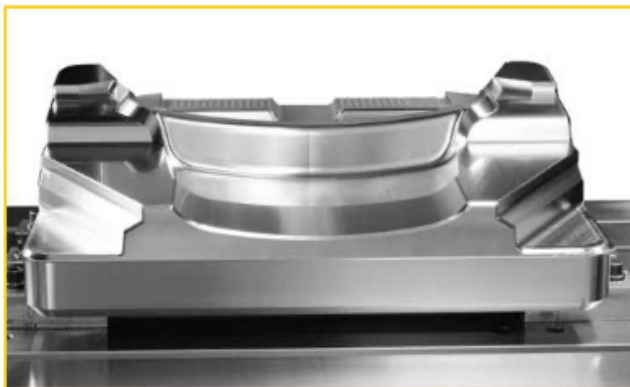
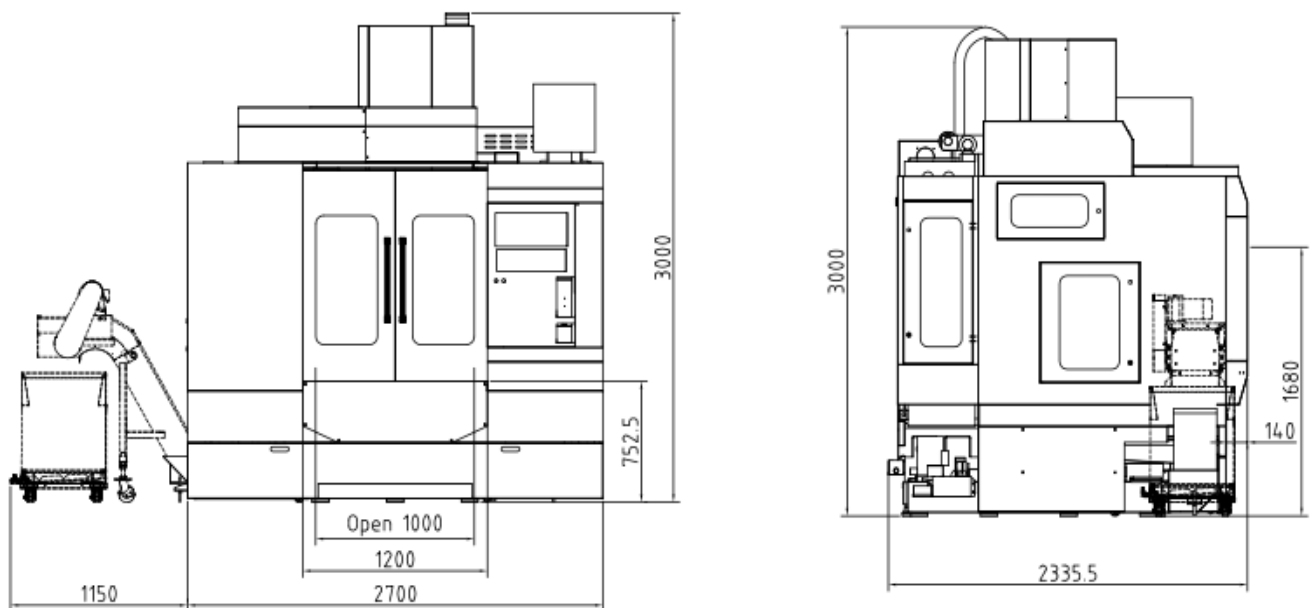
- Spindle speed 12000rpm, Direct drive
- Spindle speed 15000rpm, Direct drive
- 4th or 4/5th Axis
- Workpiece probe
- Tool probe
- Oil skimmer

* 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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