

Machine Specification	VT18	
Travel		
X-Axis	450 mm (17.71")	
Y-Axis	300 mm (13.77")	
Z-Axis	14T : 270mm (10.62")	
Spindle nose to table	180 mm (7.08")	
Table		
Table size	500 mm x 350 mm (19.68 ~13.77")	
Floor to table	850 mm (33.46")	
Max. table loading capacity	150 kgs (330 Lbs)	
T-slot (number x width x pitch)	3 x 18mm x 100mm (3 x 0.7" x 3.93")	
Spindle center to column	417 mm (16.41")	
Feed system		
Rapid traverse speed	X / Y / Z : 48 / 48 / 36 M/min	
Feed motor (FANUC)	(FANUC)X / Y : β 4i-4000X / Z : β 6i-3000X	
Ball screw diameter & pitch	X : 25 mm /12 mm (0.98/0.47") Y : 25 mm /12 mm (0.98/0.47") Z : 30 mm /12 mm (1.18/0.47")	
Cutting feed rate	12 mm/min("/min)	
Type of transmission	Direct Drive	
Spindle		
Type of tool shank	BT 30 / DIN 30	BT 30 / DIN 30
Max. spindle speed	FANUC : 10000 / 15000 rpm (Option: CTS)	
Spindle motor	FANUC : β 3-10000i / α T2-15000i rpm	
Type of transmission	Direct Drive	
ATC		
Tool storage capacity	14 T	20 T (Option)
ATC type	Turret type	Arm type
Max. tool diameter	90 mm (3.54")	80 mm (3.15")
Without adjacent tool	150 mm (5.9")	150 mm (5.9")
Max. tool length	200 mm (7.87")	200 mm (7.87")
Max. tool weight	3 kg (6.61 Lbs)	4 kg (8.82 Lbs)
Tool changing time (Tool to Tool)	1.8 sec	0.7 sec
Tool changing time (Chip to Chip)	2.8 sec	2 sec
Method of tool selection	Random selection bi-directional magazine rotation	
Tool display	Yes	
Special tool management	Yes	
Coolant system		
Coolant tank size	200 L	
Coolant capacity	150 L / min	
Chip Flush capacity	150 L / min	
Machine size		
Machine height	2145 mm (84.4")	
Floor space	1500 x 2159 mm (59" x 85")	
weight	2600 kgs (5320 Lbs)	
Power source		
Electrical power supply	10 KVA / 3 PH + 220V50/60HZ	
Compressed air supply	6.0 kgf/cm ² (85psi) (0.6MPa)	
Controller	FANUC	

* Specifications may different according to option accessories and are subject to change without notice.

Edition/ A00



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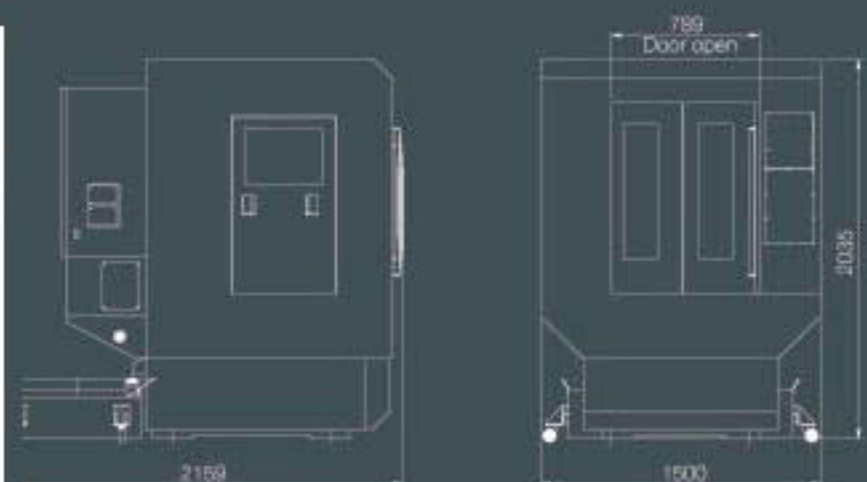
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Unit:mm