



Machine Specification		MCV2000	
Travel			
X-Axis	2,050 mm (80.7")		
Y-Axis	1,150 mm (45.3")		
Z-Axis	760 mm (29.9")		
Spindle nose to table	55 - 815 mm (2.2 - 32.1 ") (#40)	160 - 920 mm (6.3 - 36.2 ") (#50)	
Table			
Table size	2,200 X 1,000 mm (86.6 X 39.4")		
Floor to table	810 mm (31.9")		
Max. table loading capacity	3,000 kgs (6600 Lbs)		
T-slot (number x width x pitch)	6 X 22 mm X 160 mm (6X0.9 X6.3")		
Spindle center to column	1280 mm (47.2")		
Feed system			
Rapid traverse speed	X / Y: 20 M/min (787.4"/min) , Z: 15 M/min (590.6"/min)		
Feed motor (FANUC)	X / Z: 30 Nm (4.5KW) , Y: 22 Nm (3.8KW)		
Ball screw diameter & pitch	X: 63 mm(2.5") Y:40 mm(1.6") Z:50 mm / 10mm(2.0/0.4")		
Cutting feed rate	1 - 10,000 mm/min(0.04 - 393.7"/min)		
Type of transmission	X/Y: Direct Drive , Z: Belt		
Spindle			
Type of tool shank	BT 40 / CAT 40 / DIN 69871 A	BT 50 / CAT 50 / DIN 69871 A	
Max. spindle speed	10,000 / 12,000 or 15,000 or 20,000 rpm (Op)	4,000 / 6,000 rpm (Op)	10,000rpm (Op)
Spindle motor	15 / 18.5 kW	22 / 26 kW / 15/18.5 kW (Op)	
Type of transmission	Direct Drive	Gear Box	Direct Drive
ATC			
Tool storage capacity	30 Tools / 40 Tools (Op)		30 Tools / 40 Tools (Op)
ATC type	Arm type		
Max. tool diameter	76 mm (3")	127 mm (4.9")	
Without adjacent tool	150 mm (5.9")	229 mm (9")	
Max. tool length	350 mm (13.8")	400 mm (15.7")	
Max. tool weight	7 kgs (15 Lbs)	15 kgs (33 Lbs)	
Tool changing time (Tool to Tool)	2.5 sec	3.5 sec	
Tool changing time (Chip to Chip)	5.5 sec	5.5 sec	
Method of tool selection	Random selection Bi-directional magazine rotation		
Tool display	Yes		
Special tool management	Yes		
Coolant system			
Coolant tank size	970 L		
Coolant capacity	105 l / min		
Chip Flush capacity	screw type		
Machine size			
Machine height	3,800 mm (149.6")		
Floor space	7,000 mm(275.6") (W) X 4,000 mm (157.5") (D)		
Weight	19,000 kgs (41800 Lbs)		
Power source			
Electrical power supply	60 KVA / 3PH - 220V 50/60HZ		
Compressed air supply	6.0 kgf/cm ² (85psi) (0.6MPa)		
Controller	FANUC / HEIDENHAIN / SIEMENS		

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



林寶機械貿易私人有限公司
LIM POH MACHINERY TRADING PTE LTD
 NO. 111, UBI AVE 4, CIVIC TERRACE WAREHOUSE, SINGAPORE 408761.
 E-mail: enquiry@limpoh.com Website: http://www.limpoh.com
 TEL: 6846 1138 FAX: 6841 2832
 GST Reg. No. M2-0067812-5 Business Reg.No.198404054E