

2-1-5. Machine Specifications

Description	1300VMC
Table	
Table size	57" x 22.4" (1450x 570mm)
T-slots (no.x wid.x dis.)	5x 0.709" x 3.94" (5x 18x 100mm)
Max. Table load	2646 lbs (1200kg)
Travels	
X travel	51.2" (1300mm)
Y travel	25" (635mm)
Z travel	25" (635mm)
Spindle	
Spindle nose to table	3.9" – 28.9" (100 – 735mm)
Spindle center to column	27" (685mm)
Spindle taper	# 40
Spindle speed (optional)	60 ~ 8000 rpm Opt. : 6000rpm (high-torque) ; Opt. : 10000rpm
Feederates	
Rapid on X, Y & Z axes	1181/1181/709 IPM (30/30/18m/min)
Cutting feedrate	0.04 ~ 3000 IPM (1 ~ 7600 mm/min)
Accuracy	
Positioning	± 0.0002" (± 0.005mm)
Repeatability	± 0.0001" (± 0.0003mm)
Tool Changer	
Tool capacity	20 (carousel) ; Opt. 24 (arm)
Tool shank	CT40 or BT40
Pull stud	JMBTA (standard) 45°
Max. tool diameter	3.5" (89mm), 24 station arm type 3" (76mm)
Max. tool weight	15 lbs (7kg)
Motor	
Spindle motor (30min)	15 HP (11KW)
Drive motor X, Y, Z	1.4 HP (1.0kw)
Coolant pump	1 HP (0.75kw)
General	
Power required	20 KVA, Opt. : 25KVA
Air required	80 psi (5bar), 200 l/min
Machine weight	16535 lbs (7500kg)

Note:

The manufacturer reserves the right to modify the design, specific mechanisms,...etc. without notice. All the specifications shown above are for reference.