



Specifications

ITEM		ML-160
Capacity	Swing over bed	Ø 480 (Ø 18.9)
	Swing over saddle	Ø305 (Ø 12)
	Max. machining length	Ø 310
	Max. machining diameter	Ø 210 (Ø 8.3)
Bed	Slant angle of bed	45°
	Max. travel range of Z/X-axis	310 / 125 (12.2 / 4.9)
	Servo motor of Z/X-axis	Z-axis: 1.2 kW / X-axis: 1.2 kW(beta 8i)
	Rapid traverse rates of Z/X-axis	30 / 30 m/min (1181 / 1181 ipm)
Spindle	Diameter of spindle front bearing bore	STD: Ø 100 (Ø 3.9)
	Diameter of spindle bore/bar capacity	STD: Ø 62 / Ø 52 (Ø 2.4 / Ø2.0)
	Spindle nose type	ASA A2-6
	Taper of spindle bore	1/20
	Spindle motor	STD: 7.5/11 kW
	Spindle speed	4500 rpm
	Chuck diameter	STD: Ø 8"
Manual Tailstock	Quill diameter	Ø 65
	Tailstock travel	260
	Center type	Live
	Center taper	MT. No.4
	Center stroke	50
Tools Turret	Type	hydraulic
	Tool shank]20 × 20
	Capacity	STD: 10
	Index time (T-T) (sec)	0.6
Drive Motor	Coolant motor	960 W (1.3 HP)
	Hydraulic motor	1.5 kW (2 HP)
	Chip conveyor motor	215 W
Accuracy	Positioning (Z/X)	±0.002
	Repeatability (Z/X)	±0.002
Miscellaneous	Power requirement	208-220 Volts / 50 Amps / 12KVA
	Height from floor to spindle	960 (37.8)
	Floor area (L × W)	2485x2450 mm (98"x97")
	Packing dimensions (with chip conveyor)	2560x2290x1960 mm (101"x90"x77")
	Net weight	3020 kg (6644 lbs)

*Specifications are subject to change without notice