



## Specifications

ITEM	ML-280							
Capacity	Swing over bed	Ø 600 (Ø 23.63)						
	Diameter x length	Ø 255 x 600 (Ø 8.27 x 23.63 )						
	Max. diameter	Ø 300 (Ø 11.03)						
Machine Body	Slant angle of bed	30 °						
	Max. travel range of Z/X-axis	600 / 170 (23.63 x 6.70)						
	Servo Motor of Z/X-axis	Z-axis: 3 kW (HP) ; x -axis: 3 kW (HP)						
	Rapid traverse rate of Z/X-axis	20 / 16 m/min (787.3 / 630 ipm)						
	Distance of spindle front bearing bore	STD: Ø 100 (Ø 3.94) ; OPT: Ø 120 (Ø 4.72)						
	Diameter of spindle bore/Draw bar bore	STD: Ø 62 / Ø 52 (Ø 2.44 / Ø 2.05) OPT: Ø 86 / Ø 75 (Ø 3.38 / Ø 2.95)						
	Spindle nose type	STD;ASA A2-6; OPT:ASA A2-8;						
	Taper of spindle bore	1/20						
	Spindle motor	STD: 11/15 kW (15/20 HP) ; OPT: 15/18.5 kW (20/25 HP)						
	Spindle speed	STD: 8" chuck 4500 rpm; OPT: 10" chuck 3500 rpm						
Chuck diameter	STD: Ø 8" ; OPT: Ø 10"							
Hydraulic Tailstock	Quill diameter	-						
	Tailstock travel	-						
	Quill type	Live						
	Quill taper	STD:MT. No.4 OPT: MT. No.5						
	Quill stroke	-						
Tool Turret	Type	Vertical	VDI		Live Tooling			
	Tool stations	OPT: 8 STD: 10 OPT: 12 STD: 8 OPT: 12 STD: 8 OPT: 12						
	Boring bar holder	4	5	6	4	6	2	3
	External tool holder	-	-	-	2	4	2	4
	Internal holder	2	2	2	2	2	1	2
	Radial power tool (PRR)	-	-	-	-	-	1	1
	Axial power tool (PRA)	-	-	-	-	-	2	2
Tool shank	Y 25 x 25 ( Y 1 x 1)							
Drive Motor	Coolant motor	860 W (1/1 HP)						
	Hydraulic motor	2.25 kW (3 HP)						
	Chip conveyor motor	180 W (1/4 HP)						
Miscellaneous	Power requirement	208-220 Volts / 100 Amps / 3 Phase / 60 Cycles						
	Height From Floor to Spindle	-						
	Height From Bed to Spindle Center	-						
	Floor area (W x D x H)	2900 x 1950						
	Packing dimensions (with chip conveyor)	-						
	Net weight	5430						
	Gross weight	5730						

\*Specifications are subject to change without notice