



## Specifications

ITEM	ML-350							
Capacity	Swing over bed	Ø 580 (Ø 22.83)						
	Diameter x length	Ø 350 x 700 (Ø 13.78 x 27.56 )						
	Max. diameter	Ø 410 (Ø 16.15)						
Machine Body	Slant angle of bed	45°						
	Max. travel range of Z/X-axis	700 / 235 (27.56 x 9.26)						
	Servo Motor of Z/X-axis	Z-axis: 3 kW (HP) ; x -axis: 3 kW (HP)						
	Rapid traverse rate of Z/X-axis	30 / 30 m/min (1181 / 1181 ipm)						
	Distance of spindle front bearing bore	STD: Ø 110 (Ø 4.33) ; OPT: Ø 120 (Ø 4.72)						
	Diameter of spindle bore/Draw bar bore	STD: Ø 86 / Ø 75 (Ø 3.38 / Ø 2.95) OPT: Ø 105 / Ø 91 (Ø 4.14 / Ø 3.59)						
	Spindle nose type	ASA A2-8;						
	Taper of spindle bore	1/20						
	Spindle motor	STD: 15/18.5 kW (20/25 HP) ;						
	Spindle speed	STD: 10" chuck 3500 rpm; OPT: 12" chuck 3000 rpm						
Hydraulic Tailstock	Chuck diameter	STD: Ø 10" ; OPT: Ø 12"						
	Quill diameter	Ø 85 (Ø 3.35)						
	Tailstock travel	580 (22.84)						
	Quill type	Live						
	Quill taper	MT. No.4						
Tool Turret	Quill stroke	150 (5.91)						
	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)	-						
	Packing dimensions (with chip conveyor)	4250 x 1820 x 2250						
	Net weight	4,750 kg						
Gross weight	5,300 kg							

\*Specifications are subject to change without notice