



Specifications

ITEM		ML -60A					
Capacity	Swing over bed	Ø 720 (Ø 28.35)					
	Max. machining diameter x length	STD: Ø 550 x 1100 (Ø 21.6 x 43.3)					
	Max. distance between centers	1270 (50)					
Bed	Bed slant angle	45°					
	Max. travel range of Z/X-axis	1100 / 385 (43.3 / 15.15) ;					
	Rapid traverse speed of Z/X-axis	20 / 12 m /min (787 / 472 ipm)					
	Servo motor of Z/X-axis	2.9 / 2.1 kW					
Spindle	Diameter of spindle front bearing bore	STD: Ø 150 (Ø 5.9) ; OPT: Ø 180 (Ø 7.1)					
	Diameter of spindle through bore/bar	STD: Ø131 / Ø116 (Ø 5.2/ Ø 4.6) OPT: Ø102 / Ø90 (Ø4 / Ø3.5) ;					
	Spindle nose	STD: ASA A2-8; OPT: ASA A2-11					
	Taper of spindle bore	1/20					
	Spindle drive motor	STD: 22/26 kW; OPT: 30/37 kW					
	Spindle speed	40-2000 rpm (4-speed gear)					
	Diameter of chuck	STD: 15" ; OPT: 12"					
Hydraulic Tailstock	Quill diameter	Ø 125 (Ø 4.92)					
	Tail stock travel	1080 (42.52)					
	Quill	STD:Fixed; OP T: Rotating quill					
	Quill taper	STD: MT No.5; OPT: MT No.4					
	Quill travel	160 (6.3)					
Tool Turret	Type	Vertical		VDI		Power	
	Tool	STD:8	OPT:12	STD:8	OPT:12	STD:8	OPT:12
	Boring bar holder	4	6	4	6	2	3
	External tool holder	--	--	2	4	2	4
	Internal tool holder	4	6	2	2	1	2
	Radial power tool (PRR)	--	--	--	--	1	1
	Axial power tool (PRR)	--	--	--	--	2	2
	Tool shank	Y 32 x 32 (Y 1.26 x 1.26)					
Drive Motor	Coolant motor	960 W					
	Hydraulic system motor	2.25 W					
	Chip conveyor motor	1/4 HP					
Miscellaneous	Height from floor to spindle center	1300 (51.2)					
	Height from bed to spindle center	455 (17.9)					
	Floor area (Wx D)	4607 x 2126 (183.8 x 83.7)					
	Packing size (W x D x H)	5060 x 2400 x 3120 (199 x 94 x 123)					
	Net weight	11080 kg (24376 lbs)					
Gross weight	12900 kg (28380 lbs)						

*Specifications are subject to change without notice