



奕達精機股份有限公司

YI-DA PRECISION MACHINERY CO., LTD.

No. 41, Alley 68, Lane 357, Sec. 1, Sinan Rd., Wurih Township,

Taichung County 41465, Taiwan.

Tel: +886-4-23358498, Fax: +886-4-23358448,

http: //www.yidacnc.com, Email: lipuyang@ms71.hinet.net

ML-60A
Unit:mm(*inch*)

ITEM		ML-60A					
Capacity	Swing over bed	Ø720 (Ø28.35)					
	Max. machining diameter x length	STD: Ø550 x 1100 (Ø21.6 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: Ø150 (Ø5.9); OPT: Ø180 (Ø7.1)					
	Diameter of spindle through bore/bar	STD: Ø31 / Ø16(Ø5.2/ Ø4.6) 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	Ø125 (Ø4.92)					
	Tail stock travel	1080 (42.52)					
	Quill	STD:Fixed; OPT: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	32 x 32 (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 (W x 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)						

Note: specifications are subject to change without prior notice.



奕達精機股份有限公司

YI-DA PRECISION MACHINERY CO., LTD.

No. 41, Alley 68, Lane 357, Sec. 1, Sinan Rd., Wurih Township,
Taichung County 41465, Taiwan.

Tel: +886-4-23358498, Fax: +886-4-23358448,

http: //www.yidacnc.com, Email: lipuyang@ms71.hinet.net

ML-60A

STANDARD ACCESSORIES

1. Fanuc Oi -TC
2. 12" Chuck (22 kW 2000 rpm + B212 A8)
3. 8 Tools General Turret 50 (Metric System)
4. Dead Center
5. Manual Grease Lubrication System
6. Chip Conveyor + Chip Bucket
7. Hydraulic System
8. Work Lamp
9. Tool Kit
10. Leveling Bolt and Pads
11. Bar Bushing
12. Taper Sleeve
13. Operator' s Manual
14. Maintenance Manual
15. Programming Manual
16. Parts List

OPTIONS

1. 12" (30 kW 2000 rpm + B212 A8)
2. 15" (22 kW 2000 rpm + B15 A11)
3. 15" (30 kW 2000 rpm + B15 A11)
4. 15" & C-Axis (22 kW 2000 rpm + B15 A11)
5. 15" & C-Axis (30 kW 2000 rpm + B15 A11)
6. Ø8 Tools General Turret 50.8 (Inch system)
7. Ø8 Ttools General Turret 60 (Power)
8. Ø8 Ttools General Turret 50 (VDI)
9. Ø12 Tools General Turret 50 (Metric system)
10. Ø8 Tools General Turret 50.8 (Inch system))
11. Ø12 Ttools General Turret 60 (Power)
12. Ø12 Tools General Turret 50 (VDI)
13. Tool Setting Gauge
14. Manual Tool Measurement
15. Automatic Tool Measurement
16. Rotate Center
17. Centralized Lubrication System
18. Pump
19. Sling Frame
20. Stabilizer
21. Oil Mist Collector
22. Automatic Power Off
23. Automatic Door (Pneumatic driven)
24. Steady Rest