



奕達精機股份有限公司

YI-DA PRECISION MACHINERY CO., LTD.

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MH-800
Unit:mm(*inch*)

ITEM		MH-800
Table	Dimension	800 × 800 (31.5 × 31.5)
	Bolt hole	M16 × 2
	Max. loading capacity	1200 kgf (Uniform distribution) (26400 lbs)
	Indexing speed	STD: 1° (OPT: 5° & 0.001°)
	Index repeatability	±4"
Travel Range	Max. travel range of X/Y/Z-axis	1000 / 800 / 750 (39.4 / 31.5 / 29.5)
	Distance from spindle nose to table center	200-950 (7.9-37.4)
	Distance from spindle center to table surface	50-850 (2.0-33.5)
Spindle	Spindle taper	ISO No. 50
	Spindle nose outer diameter	Ø100 (Ø3.9)
	Spindle speed	45-4500 rpm (3-step gear)
Feedrate	Cutting feedrate of X/Y/Z-axis	1-5000 mm/min (0.04-197 ipm)
	Rapid traverse speed of X/Y/Z-axis	20 m/min (787 ipm)
	Minimum setting unit of X/Y/Z-axis	0.001
	Feedback element	Optical scale
Tool	Tool capacity	STD:60; OPT:80 pcs
	Tool selection	Nearest route selection
	Max. adjacent tool diameter × length	Ø140 × 450 Max. tool diameter Ø230
	Max. tool weight	20 kg (44 lbs)
	Tool shank type	BT50. CT50. V50-ANSI
Drive Motor	Spindle motor	15/18.5 kW (20/24.8 HP)
	Servo motor of X/Y/Z-axis	3.8 / 3.8 / 4.5 kW
	Spindle recirculating lubrication motor	370 W
	Centralized lubrication motor	10 W
	Coolant motor (for tools/chips)	0.75/1.5 kW
	Chip conveyor motor	90 W
Miscellaneous	Outline dimension (W × D ×H)	6788× 2950 × 2950 (267 × 116 × 116)
	Packing size (W× D ×H)	7820 × 3360 × 3550 (308 × 132 × 140)
	Net weight A/B (approx.)	19410/3250 kg (42702/7150 lbs)
	Gross weight A/B (approx.)	23920/3550 kg (52624/7810 lbs)

Note: specifications are subject to change without prior notice.



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STANDARD ACCESSORIES

1. Fanuc 18i - C
2. Spindle Speed: 4500 rpm
3. Spindle Motor: 11/15 kW
4. Spindle Lubrication Coolant System
5. Automatic Lubrication System
6. Coolant System
7. X,Y,Z-axis Optical Scales
8. Leveling Bolts and Pads
9. Tool Kit
10. 60-Tool Magazine Capacity with 60 pcs Retention Knobs
11. Indexing Angle Table 1° Degree
12. Chip Conveyor + Chip Bucket
13. Fully Enclosed Splash Guards
14. 2 Pallet Shuttle
15. Work Lamp
16. Operator' s Manual
17. Maintenance Manual
18. Programming Manual
19. Parts List

OPTIONS

1. 80 Tool Magazine Capacity with 80 pcs Retention Knobs
2. Oil Hole Tool Holder
3. Rigid Tapping
4. Rotary Table 0.001 Degree (4th-axis)
5. Automatic Tool Length Measurement
6. Automatic Workpiece Measurement