



奕達精機股份有限公司

YI-DA PRECISION MACHINERY CO., LTD.

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MH-630

Unit: mm(inch)

ITEM		MH-630
Table	Dimension	630 × 630 (24.8 × 24.8)
	Bolt hole	M16 × 2
	Max. loading capacity	1200 kgf (Uniform distribution) (2640 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 (Ø8.9)
	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 controller
2. Spindle Speed: 4500 rpm
3. Spindle Motor: 7.5/11 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. Screw Type Chip Conveyor
12. Indexing Angle Table 1° Degree
13. Chip Conveyor + Chip Bucket
14. Fully Enclosed Splash Guard
15. 2 Pallet Shuttle
16. Work Lamp
17. Operator' s Manual
18. Maintenance Manual
19. Programming Manual
20. 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