



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

BMV-1600

Unit:mm(**inch**)

ITEM		BMV-1600
Table	Dimension	1700 × 870 (66.9 × 34.2)
	Working area	1625 × 850 (64 × 33.5)
	T-slot	CD125 x 22 x 7 (4.92 × 0.86 x 7)
	Max. loading capacity	2500 kg (5500 lbs)
Travel Range	Max. travel range of X/Y/Z axis	1625 / 850 / 762 (64 / 33.5 / 30)
	Distance from spindle nose to table surface	152.5~914.5 (6~36)
	Distance from spindle center to column	939 (37)
Spindle	Spindle taper	ISO No.50
	Spindle nose outer diameter	Ø100 (Ø3.94)
	Spindle speed	STD: 40~4000 rpm; OPT: 60~6000 rpm
Feedrate	Feedrate of X/Y/Z-axis	1~4000 mm/min (0.04~157 ipm)
	Slideways of X/Y/Z-axis	Boxways
	Rapid traverse of X/Y/Z-axis	15 m/min (591 ipm)
Tool Magazine	Tool capacity	STD: #50 32 pcs; OPT: 40 pcs
	Max. adjacent tool diameter	Ø125 (Ø4.92)
	Max. tool length	400 (15.75)
	Max. tool weight	18 kg (39.60 lbs)
	Tool shank	BT 50 or V50 CT or V50 ANSI
Drive Motor	Spindle drive motor	STD: FANUC 12 11/15 kW (15/20 HP) OPT: FANUC 15 18/22 kW (20/25 HP) FANUC 18 18/22 kW (24/29 HP)
	Servo motor of X/Y/Z-axis	FANUC 30/2000 4.5 kW (6 HP)
	Coolant motor	860 W (1.15 HP)
	Chip conveyor motor	107.5 W (1/8HP)
Miscellaneous	Power requirement	208-220 Volts/ 130 Amps/ 3 Phase
	Floor area (W × D × H)	4200 × 3350 × 3400 (165.35 × 131.89 × 133.86)
	Net weight (approx.)	19000 kg (41800 lbs)
	Gross weight (approx.)	20500 kg (45100 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

BMV-1600

STANDARD ACCESSORIES

1. FANUC 0i -MC Controller
2. Spindle Motor 12 11/15 kW (15/20 HP)
3. Spindle Taper Cat #50, Spindle Speed: 4000 rpm (with Gear Box.)
4. Spindle Taper Cleaner
5. 32-Tool Magazine with 32 Retention Knobs
6. Spindle Coolant System
7. Leveling Bolts and Pads
8. T-slot Table
9. Fully Enclosed Splash Guards
10. Centralized Lubrication System
11. Work Lamp
12. Tool Kit
13. Grease Gun
14. End of Program Light
15. Rigid Tapping
16. Operator' s Manual
17. Maintenance Manual
18. Programming Manual
19. Parts List

OPTIONS

1. FANUC 18i -MC Controller
2. Siemens Controller
3. Heidenhain Controller
4. Mitsubishi Controller
5. Spindle Motor 15 15/18.5 KW (20/25 HP)
6. Spindle Motor 18 18/22 KW (24/29 HP)
7. Spindle Taper #50, Spindle Speed: 6000 rpm (Direct Drive)
8. 40-Tool Magazine with 40 Retention Knobs
9. Sling Frame
10. High Pressure Coolant System (4 Bar)
11. Oil and Coolant Separation System
12. Coolant through Spindle
13. Coolant through Tool Tip
14. 4th or 5th Axis
15. Chip Conveyor with Chip Bucket
16. M80 Auto Power Off
17. Transformer
18. Tool Measurement Device
19. Workpiece Measurement Device