



Specifications

ITEM	BMV-1220
Table Dimensions	1500X650 (59.0 × 25.6)
Working area	1220X680 (48.0 × 26.8)
T-slot	CD150X18X4 (CD5.9 × 0.7 × 4)
Max. loading capacity	1200 kg (2640 lbs)
Travel Range	Max. travel range of X/Y/Z-axis 1220 / 680 / 680 (48.0x 26.8 × 26.8)
Distance from spindle nose to table surface	1508mm (59.02 in)
Distance from spindle center to table surface	760 (29.9) mm
Spindle	Spindle taper ISO No.40
Spindle nose outer diameter	Ø70 (Ø 2.8)
Spindle speed	STD: 10,000 rpm; OPT: 12,000 rpm
Feedrate	Feedrate of x /Y/Z-axis 1 -6000 mm /min (0.04-236.2 ipm)
Slideways of x /Y/Z-axis	Box way
Rapid traverse of x /Y/Z-axis	18m /min (709 ipm)
Tool Magazine	Tool capacity 24 pcs; OPT: 30 pcs
Tool selection	Bi-direction & the shortest selection
Max. adjacent tool diameter or length	Ø80 or 250 (Ø 3.15 × 9.84)
Max. tool weight	6 kg (13.2 lbs)
Tool shank	BT 40 or V40 CT or V40 ANSI
Drive Motor	Spindle drive motor STD: 11/15 kW (15/20 HP); OPT: 15/18.5 kW (20/25 HP)
Servo motors of X/Y/Z-axis	4 kW (5.4 HP)
Coolant motor	960 W (1.3 HP)
Chip conveyor motor	215 W (1 / 4 HP)
Accuracy	Positioning ± 0.005
Repeatability	0.003
Miscellaneous	Power requirement 208-220V / 75 Amps/ 3 Phase
Floor area (W × D × H)	3380 × 2603 × 2670 (133 × 102.5 × 105)
Packing dimension (W × D × H)	3700 × 2130 × 2550 (145 × 83.5 × 100)
Net weight (approx.)	9910 kgs (21802 lbs)
Gross weight (approx.)	11110 kgs (24442 lbs)

*Specifications are subject to change without notice

Standard

- FANUC Drive Lubrication System
- BT40 10,000 rpm Spindle Work Lamp
- Cutting Coolant System • Tri-color End of Program Light
- Spindle Oil Cooling System • Tool Kit
- Spindle Taper Cleaner Leveling Bolts and Pads
- Arm Type A.T.C 24 Tools Rigid Tapping
- T-Slot Table • Operator's Manual
- M.P.G • Maintenance Manual
- Rigid Tapping Programming Manual
- Heat Exchanger for Electric Parts Cabinet
- Fully Enclosed Splash Guard • Auto Power off

Optional

- Coolant Through Spindle Tip
- Siemens Controller • Link Belt Type Chip Conveyor + Chip Bucket
- Heidenhain Controller • Chip Flushing System
- Mitsubishi Controller • Automatic Lubrication System
- BT40 12,000 rpm Spindle Transformer
- BT40 Arm Type A.T.C 30 Tools Optical Scale
- Coolant Through Spindle • Tool Measurement Device
- Heat Cooling System • Force Measurement Device
- 4 th or 5 th Axis

- High Pressure Coolant System Sling Frame or Eye Bolts
- Oil and Coolant Separation System