

M.K.S. MACHINERY CO., LTD.

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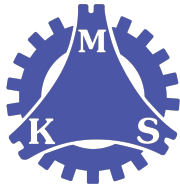
BOXWAY
MACHINING CENTERS
BMV-1100



SPECIFICATION

ITEM		BMV-11000
Table	Dimensions	1180 × 560
	Working area	1100 × 650
	T-slot	CD100 × 18 × 5
	Max. loading capacity	1000 kg
Travel Range	Max. travel range of X/Y/Z-axis	1100 / 650 / 620
	Distance from spindle nose to table surface	150-770
	Distance from spindle center to column	680
Spindle	Spindle taper	ISO No.40
	Spindle nose outer diameter	Ø 70
	Spindle speed	STD: 10,000 rpm belt driven; OPT: 12,000 rpm belt driven, 15000 direct drive
Feedrate	Feedrate of × /Y/Z-axis	12
	Slideways of × /Y/Z-axis	Box way
	Rapid traverse of × /Y/Z-axis	18
Tool Magazine	Tool capacity	STD: 24 pcs; OPT: 30 pcs
	Tool selection	Bi-direction & the shortest selection
	Max. tool diameter w/ adjacent × max. length	Ø 80 × 250
	Max. tool weight	7 kg
	Tool shank	STD:BT40; OPT: CAT40 / SK40
Drive Motor	Spindle drive motor	STD: alpha 12i 11/15 kW OPT: alpha iT 15/18.5 kW direct drive
	Servo motors of X /Y/Z-axis	Alpha motor: 3.0 kW
	Coolant motor	960
	Chip conveyor motor	215
Accuracy	Positioning	± 0.005
	Repeatability	± 0.004
Miscellaneous	Power requirement	208-220V / 75 Amps / 3 Phase; 21 KVA
	Floor area (W × D × H)	3500 × 2500 × 3100
	Packing dimension (W × D × H)	3730 × 2280 × 2530 + 1050 x 800 x 920
	Net weight (approx.)	7000 + 370 kgs
	Gross weight (approx.)	7300 kgs

*Specifications are subject to change without notice



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BOXWAY

MACHINING CENTERS

BMV-1300



SPECIFICATION

ITEM		BMV-1300
Table	Dimensions	1500 × 650
	Working area	1220 × 680
	T-slot	CD125 × 18 × 5
	Max. loading capacity	1200 kg
Travel Range	Max. travel range of X/Y/Z-axis	1300 / 680 / 680
	Distance from spindle nose to table surface	150-830
	Distance from spindle center to column	760
Spindle	Spindle taper	ISO No.40
	Spindle nose outer diameter	Ø 70
	Spindle speed	STD: 10,000 rpm belt driven; OPT: 12,000 rpm belt driven, 15000 direct drive
Feedrate	Feedrate of × /Y/Z-axis	1-6000 mm / min (0.04-236.2 ipm)
	Slideways of × /Y/Z-axis	Box way
	Rapid traverse of × /Y/Z-axis	18
Tool Magazine	Tool capacity	STD: 24 pcs; OPT: 30 pcs
	Tool selection	Bi-direction & the shortest selection
	Max. tool diameter w/ adjacent × max. length	Ø 80 × 250
	Max. tool weight	6 kg
	Tool shank	BT40 or V40 CT or V40 ANSI
Drive Motor	Spindle drive motor	STD: 11/15 kW OPT: 15/18.5 kW
	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	± 0.004
Miscellaneous	Power requirement	208-220V / 75 Amps / 3 Phase; 21 KVA
	Floor area (W × D × H)	3380 × 2603 × 2670
	Packing dimension (W × D × H)	3700 × 2130 × 2550
	Net weight (approx.)	9910 kgs
	Gross weight (approx.)	11110 kgs

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