

Specifications		BM-350T	BM-400T	BM-350H	BM-400H	BM-460T	BM-600T
MACHINING ENVELOPE							
Axis Travel	X	810mm	1000mm	810mm	1000 mm	1050 mm	1500 mm
	Y	460mm	500mm	460mm	500 mm	510 mm	630 mm
	Z	500mm	560mm	500mm	560 mm	510 mm	610 mm
Spindle nose to table top		100~600	100~660 mm	100~660 mm		100-610	100~710
Spindle center to column		550 mm	530 mm	550 mm	530 mm	550 mm	660 mm
Table							
Table size (mm)		305*1370	305*1520	254*1370	305*1520	400x1370	450x1800
Table loading capacity		300 kg	400 kg	300 kg	400 kg	800 kg	800 kg
T-slot configuration		16 mm * 3T		16 mm * 3T		16 mm * 5T	16mm * 5T
Spindle							
Spindle Motor		5 HP	5 HP	5 HP	7.5 HP	7.5 HP	7.5 HP
Spindle speed range (rpm)		60-4500 rpm		60-8000 rpm		60 – 4500 rpm	
Spindle Taper		NT40	NT40	BT40/CT40 or DIN40		NT40	
Quill diameter (mm)		Ø100 mm		Cartridge type		Ø105mm	
Quill Travel		127mm (5")		Rigid Head, No Quill		140 mm	
Head swivel (Right/ Left)		±90 degrees		Fixed		±90 degrees	
CNC Control System		FAGOR 8058elite or Siemens 802SD Pro / Siemens 828D (Option)					
Axes Transmission							
Axis Feed Motor (X-Y-Z) kW		1.5 / 1.5 / 1.5 kW				2.0 / 2.0 / 2.0 kW	
X Y Z rapid feed		X-Y-Z axes: 8.0 / 8.0 / 8.0 m/min				X-Y-Z axes:12 / 12 / 10 m/min	
X Y Z feed rate		4 m/min				5 m/min	
Accuracy							
Positioning		±0.005 (±0.0002")					
Positioning repeatability		±0.003 mm (±0.0001")					
Coolant pump motor		1/8 HP		1/8 HP		1/8 HP	1/8 HP
Coolant Capacity		10 Gallons		10 Gallons		12 Gallons	12 Gallons
Lubrication pump		150 W					
Power required		12 KVA				18 KVA	18 KVA
Air required		6 kg/cm (85 psi)					
Packing size (W x D x H)		65" * 78" * 82"		65" * 78" * 82"		75"*89" *95"	104"*89"*95"
Operation dimensions		110"*75" * 93"		115" * 78" * 96:		165"*84"*105	175"*84"*88"
Machine weight (Approx.)NW		1,500 kg	1,650 kg	1,500 kg	16,50 kg	3,100 kg	4,000 kg
Machine weight (Approx.)GW		1,700 kg	1,850 kg	1,700 kg	1,850 kg	3,400 kg	4,300 kg

All data subject to change without notice