

## Machine Specifications

## Basic Information

Basic Structure  
Cutting  
Performance

## Detailed Information

Options  
Optimized Tool  
Processing Solution  
Capacity Diagram  
Specifications



Description		Unit	BM 1530M	BM 2035M	BM2740M
Travel	X-axis	mm (inch)	3000 (118.1)	3500 (137.8)	4000 (157.5)
	Y-axis	mm (inch)	1550 (61.0)	2050 (80.7)	2700 (106.3)
	Z-axis	mm (inch)	800 (31.5)	800 (31.5)	800 (31.5)
Table	Spindle to table surface	mm (inch)	200~1000 (7.9~39.4)		150~950 (5.9~37.4)
	Distance between columns	mm (inch)	1700 (66.9)	2200 (86.6)	2700 (106.3)
	Table size	mm (inch)	3000 x 1350 (118.1 x 53.1)	3500 x 1850 (137.8 x 72.8)	4000 x 2500 (157.5 x 98.4)
	Loading capacity	kg (lb)	8000 (17636.7)	10000 (22045.9)	15000 (33068.9)
	Table surface	-	T-SLOT (10-300 x 24H8)	T-SLOT (11-300 x 24H8)	
Spindle	Speed	r/min	12000 {30000}*		
	Taper	-	ISO #50, 7/24		
	Max. torque	N·m (ft·lb)	420 (310.0)		
	Spindle power	kW (Hp)	30 / 25 (40.3 / 33.6) [30min / Cont.]		
Feed rate	Rapid feedrate (X / Y / Z)	m/min (ipm)	16 / 16 / 16 (629.9 / 629.9 / 629.9)		12 / 16 / 16 (472.4 / 629.9 / 629.9)
	Cutting feedrate	mm/min (ipm)	8000 (315.0)		6000 (236.2)
ATC	Tool shank type	-	BT / CAT / DIN 50		
	Tool storage capacity	ea	40 {60}*		
	Max. tool diameter [w/o adjacent tool]	mm (inch)	125 [220] (4.9 [8.7])		
	Max. tool length	mm (inch)	400 (15.7)		
	Max. tool weight	kg (lb)	20 (44.1)		
	Max. tool moment	N·m (ft·lb)	12.74 (9.4)		
	Tool selection type	-	MEMORY RANDOM		
Tool change time (T-T-T)	s	3.0			
Machine Size	Height	mm (inch)	4770 (187.8)	4770 (187.8)	4675 (184.1)
	Dimension (L x W)	mm (inch)	8690 x 4450 (342.1 x 175.2)	9540 x 4960 (375.6 x 195.3)	10825 x 5535 (426.2 x 217.9)
	Weight	kg (lb)	29000 (63933.1)	35500 (78262.9)	48000 (105820.3)

\*{ } : Option