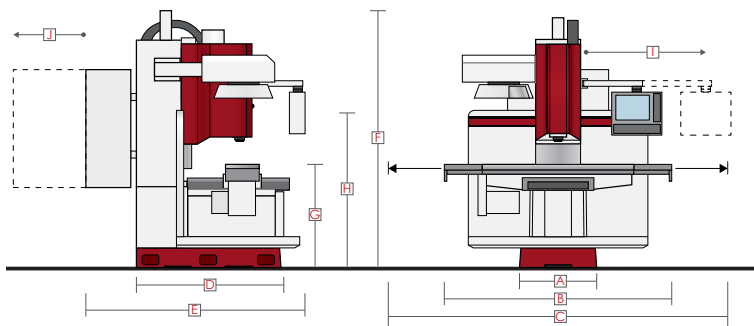


MB-R SERIES SPECIFICATIONS		MB-10R	MB-14R	MB-16R
MACHINE CAPACITY	X Travel	32"	40"	60"
	Y Travel	17"	20"	25"
	Z Travel	19"	20"	24"
	Table Load (Evenly Distributed)	2,000 lbs.	2,450 lbs.	2,950 lbs.
	Ballscrew Size	1.26"	1.26"	1.57"
	Table Size	14" x 50"	16" x 54"	18" x 70"
	T-Slots (No./Width)	3 / 0.630"	3 / 0.630"	5 / 0.630"
	Table Top to Floor	31"	33"	36"
SPINDLE	Motor (Peak)	12 HP	12 HP	12 HP
	Max Spindle Torque	40 ft/lbs		
	Spindle Speeds (RPM)	60 - 8,000 RPM		
	Tool Type/Taper	CAT 40 (BT-40 Optional)		
	Spindle Nose to Table (Max - Min)	23" - 4"	25" - 5"	28" - 4"
ATC	Spindle Center to Column	17.5"	20"	25"
	Tool Storage Capacity	12 (20 optional)		
	Tool Change Time	7 Seconds		
	Tool Selection	Bi-Directional		
	Max. Adjacent Tool Diameter	5.5"		
	Max. Tool Weight	15.4 LBS		
	Max. Tool Length	11.8"		
PERFORMANCE	Positioning Accuracy	+/- 0.0002"		
	Positioning Repeatability	+/- 0.0001"		
	Rapid Traverse	400 IPM		
	Cutting Feed Rate	0.001 - 300 IPM		
	Axis Thrust (Peak)	4,400 lbs.		
GENERAL INFO	Air Pressure Requirements	85 PSI; 3 CFM		
	Coolant Capacity	12 Gallons		
	Coolant Flow	3 Gal/Min		
	Power Requirements	35 AMP 208-250 VAC 3 Phase (380-500 VAC)		40 AMP (220 VAC ONLY)
	Shipping Dimensions* (WxDxH)	50" x 76" x 76"	54" x 80" x 78"	72" x 92" x 89"
	Operating Dimensions (WxDxH)	103" x 80" x 94"	113" x 80" x 106"	174" x 92" x 113"
	Machine Weight	5,000 lbs.	7,000 lbs.	10,000 lbs.



	MB-10R	MB-14R	MB-16R
Floor Width (A)	26"	26"	33"
Overall Width (B)	72"	82"	111"
X-Axis Movement (C)	103"	113"	174"
Floor Depth (D)	51"	56.5"	68"
Overall Depth (E)	80"	80"	92"
Maximum Height (F)	94"	106"	113"
Floor to Table Height (G)	31"	33"	36"
Floor to Console Height (H)	62"	62"	62"
Console Swing Radius (I)	63"	41"	72"
Electrical Cabinet Swing (J)	37"	36"	37"
Approx. Machine Weight	5,000 lbs.	7,000 lbs.	10,000 lbs.

* Requires some disassembly to meet these minimum dimensions. Contact factory for more information.

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Specifications subject to change without prior notice.