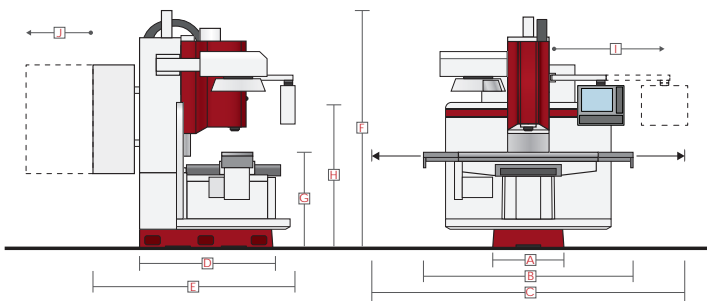


MB-R SERIES SPECIFICATIONS		MB-10R	MB-14R	MB-16R
MACHINE CAPACITY	X Travel	32"	40"	60"
	Y Travel	17"	20"	25"
	Z Travel	19"	20"	24"
	Table Load (Evenly Distributed)	2,000 lbs.	2,450 lbs.	2,950 lbs.
	Ball Screw Size	1.26"	1.26"	1.57"
	Table Size	14" x 50"	16" x 54"	18" x 70"
	T-Slots (No./Width)	3 / 0.630"	3 / 0.630"	5 / 0.630"
SPINDLE	Table Top to Floor	31"	33"	36"
	Motor HP (Peak)	12 HP	12 HP	12 HP
	Max Spindle Torque		40 ft/lbs.	
	Spindle Speed (RPM)		60 - 8,000 RPM	
	Tool Type/Taper		CAT 40 (BT-40 Optional)	
	Spindle Nose to Table (Max to 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"	
PERFORMANCE	Max. Tool Weight		15.4 lbs.	
	Max. Tool Length		11.8"	
	Positioning Accuracy		+/- 0.0002"	
	Positioning Repeatability		+/- 0.0001"	
	Rapid Traverse		400 IPM	
GENERAL INFO	Cutting Feed Rate		0.001 - 300 IPM	
	Axis Thrust (Peak)		4,400 lbs.	
	Air Pressure Requirements		85 PSI - 3 CFM	
	Coolant Capacity		12 Gallons	
	Coolant Flow		3 GPM	
	Power Requirements		40 AMP 208-240 VAC 3 PHASE (430-500 Optional)	
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"	122"	174"
Floor Depth (D)	51"	56.5"	68"
Overall Depth (E)	72"	76"	83"
Maximum Height (F)	93"	98"	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 Radius (J)	37"	36"	37"
Approximate Machine Weight	5,000 lbs.	7,000 lbs.	10,000 lbs.