



Precision Built Solutions™

SPECIFICATIONS

MB-Q SERIES

MACHINE CAPACITY		MB-11Q	MB-14Q	MB-15Q	MB-16Q
	X Travel	30"	40"	50"	60"
	Y Travel	20"	20"	25"	25"
	Z Travel	20"	20"	24"	24"
	Table Load (Evenly Distributed)	2,450 lbs.	2,450 lbs.	2,950 lbs.	2,950 lbs.
	Table Size	16" x 54"	16" x 54"	17" x 63"	18" x 70"
	T-Slots (No./Width)	3 / .630"	3 / .630"	5 / .630"	5 / .630"
	Table Top to Floor	33"	33"	36"	36"
SPINDLE	Motor Horse Power (Peak)	10 HP	10 HP	10 HP	10 HP
	Max Spindle Torque	35 ft/lbs High Gear - 238 ft/lbs Low Gear			
	Spindle Speed (RPM)	10 - 4,500			
	Speed Ranges	2 Speed Gear Box			
	Tool Type/Taper	CAT 40 (NST 40 or BT 40 Optional)			
	Quill Diameter	4.125"	4.125"	4.330"	4.330"
	Quill Travel	6.0"	6.0"	6.0"	6.0"
	Spindle Nose to Table (Max-Min)	26"-6"	26"-6"	30"-6"	30"-6"
	Spindle Center to Column (Throat)	20"	20"	25"	25"
	Head Swivel	+/- 90º	+/- 90º	+/- 90º	+/- 90º
GENERAL INFORMATION	Positioning Accuracy	+/-0.0002"			
	Position Repeatability	0.0001"			
	Rapid Traverse	400 IPM			
	Cutting Feed Rate	.001 - 300 IPM			
	Axis Thrust (Peak)	4,400 lbs.			
GENERAL INFORMATIC PERFORMANCE	Air Pressure Requirements	85 PSI - 3 CFM			
	Coolant Capacity	12 Gallons		16 Gallons	
	Coolant Flow	3 GPM			
	Power Requirements	40 AMP 208-240 VAC 3 Phase (430-500 VAC optional)			
	Shipping Dimensions* (WxDxH)	60"x76"x82"	60"x76"x82"	68"x82"x88"	76"x82"x88"
	Operating Dimensions (WxDxH)	103"x76"x101"	113"x76"x96"	160"x82"x105"	170"x82"x105"
	Machine Weight	5,600 lbs.	6,000 lbs.	8,000 lbs.	8,800 lbs.