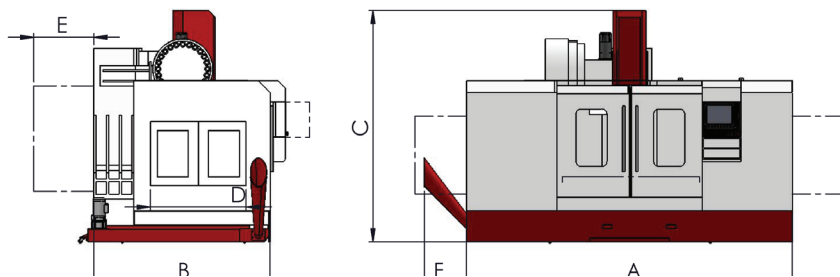


MC TOOLROOM SERIES SPECIFICATIONS		MC-10	MC-14	MC-16
MACHINE CAPACITY	X Travel	32"	40"	60"
	Y Travel	17"	20"	25"
	Z Travel	19"	20"	24"
	Table Load (Evenly Distributed)	2,000 lbs.	2,450 lbs.	2,950 lbs.
	Balscrew size	1.26"	1.26"	1.57"
	Table Size	14" x 50"	16" x 54"	18" x 70"
	T-Slots (No./Width)	3 / .630"	3 / .630"	5 / .630"
Table Top to Floor	31"	33"	36"	
SPINDLE	Motor (Peak)	12 HP	12 HP	12 HP
	Max Spindle Torque	40 ft/lbs	40 ft/lbs	40 ft/lbs
	Spindle Speeds (RPM)	60 - 8,000 RPM	60 - 8,000 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"
Spindle Center to Column	17.5"	20"	25"	
ATC	Tool Storage Capacity	20		
	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	500 IPM		
	Cutting Feed Rate	.001 - 400 IPM		
	Axis Thrust (Peak)	4,400 LBS		
GENERAL INFO	Air Pressure Requirements	3 CFM		
	Coolant Capacity	12 Gallons		
	Coolant Flow	4 GPM		
	Power Requirements	40 AMP 208-240 VAC 3 Phase (380-500)		
	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	6,500 LBS	8,500 LBS	11,500 LBS



	MC-10	MC-14	MC-16
Floor Width (A)	116"	127.6"	176.4"
Floor Depth (B)	61.6"	65.6"	76.6"
Maximum Height (C)	92.8"	97"	105"
Side Door - Width x Height (D)	31.5" x 26.5"	32.5" x 26.5"	35 x 30.5"
Electrical Cabinet Swing (E)	37"	37"	37"
Protrusion (Auger/Conveyor) (F)	20"	20"	20"
Appropriate Machine Weight	5,500 lbs.	7,500 lbs.	10,500 lbs.