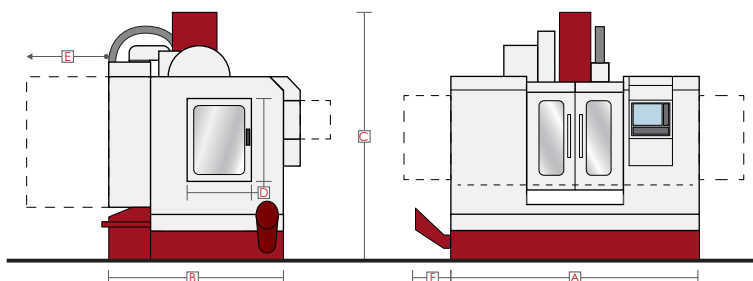


MC-B SERIES SPECIFICATIONS		MC-30B	MC-40B	MC-45B	MC-60B	MC-80B	MC-100B
MACHINE CAPACITY	X Travel	30"	40"	45"	60"	80"	100"
	Y Travel	18"	20"	25"	30" (35")	35" (40")	35" (40")
	Z Travel	22"	28"	25"	28" (38")	30" (34")	30" (34")
	Ballscrew size	1.57"	1.57"	1.57"	1.57"	1.97"	1.97"
	Table Load (Evenly Distributed)	2,500 lbs.	3,000 lbs.	3,500 lbs.	4,500 lbs.	5,500 lbs.	5,500 lbs.
	Table Size	16.5" x 31.5"	20" x 40"	24" x 51"	24" x 67"	30" x 93"	30" x 112"
	T-Slots (No./Width)	3 / .708"	5 / .708"	5 / .708"	5 / .708"	5 / .708"	5 / .708"
	Table Top to Floor	30"	35"	35"	32"	35"	35"
SPINDLE	Motor HP (Peak)	30.0 HP (40.0 HP Optional)					
	Spindle Speed (RPM)	60 - 8,500 RPM (10K, 12K, 15K, 21K, 30K Optional)					
	Spindle Torque (max)	155 ft/lbs @ 350 RPM (204 ft/lbs w/opt 40 HP motor; 800 ft/lbs w/opt 40 HP motor & gearbox)					
	Tool Type/Taper	CAT 40 (CAT 50 Optional) (BT Option)					
	Spindle Nose to Table (Max - Min)	25" - 3"	32" - 4"	29" - 4"	32" - 4"	34" - 4"	34" - 4"
	Spindle Center to Column	18"	21"	26"	30"	36"	36"
ATC	Tool Storage Capacity	24 Station Arm Type (40 or 60 Tool Option)					
	Tool Change Time	3 Seconds					
	Max. Tool Diameter (full)	3.2"					
	Max. Tool Dia. (adjacent empty)	5.5"					
	Max. Tool Weight	15.4 lbs.					
	Max. Tool Length	11.8"					
PERFORMANCE	Positioning Accuracy X, Y, Z	+/- 0.0002"					
	Positioning Repeatability X, Y, Z	+/- 0.0001"					
	Resolution	0.0001"					
	Rapid Traverse	1,200 X, Y - 900 Z			600 X, Y, Z		400 X, Y, Z
	Cutting Feed Rate	.001 - 900 IPM			.001 - 400 IPM		
	Servo Type	AC Digital Brushless					
Axis Thrust (Peak)	4,400 lbs. X, Y, Z						
GENERAL INFO	Air Pressure Requirements	90 PSI - 5 CFM					
	Coolant Capacity	90 Gallons					
	Coolant Flow	9 Gal/Min					
	Door Open Width	34"	37"	45"	62"	81"	105"
	Power Requirements	40 AMP 380-500 VAC 3 PHASE (208-250 VAC Optional)					
	Optional Power	80 AMP 208-245 VAC 3 PHASE					
	Shipping Dimensions* (WxDxH)	93"x86"x76"	99"x86"x88"	127"x87"x87"	161"x89"x93"	210"x94"x95"	240"x94"x96"
	Operating Dimensions (WxDxH)	93"x86"x89"	111"x86"x110"	127"x104"x110"	161"x112"x112"	211"x122"x114"	240"x122"x114"
	Machine Weight	9,900 lbs.	12,100 lbs.	14,500 lbs.	20,000 lbs.	23,000 lbs.	26,000 lbs.



	MC-30B	MC-40B	MC-45B	MC-60B	MC-80B	MC-100B
Floor Width (A)	93"	111"	127"	161"	211"	240"
Floor Depth (B)	86"	86"	104"	112"	122"	122"
Maximum Height (C)	89"	110"	110"	112"	114"	114"
Side Door - Width x Height (D)	28.5 x 36.5"	27 x 34"	30 x 30"	30 x 30"	47 x 32"	47 x 32"
Electrical Cabinet Swing (E)	34"	34"	38"	38"	38"	38"
Protrusion (Auger/Conveyor) (F)	20"	20"	16"	16"	20"/48"	20"/48"
Appropriate Machine Weight	9,900 lbs.	12,100 lbs.	14,500 lbs.	20,000 lbs.	23,000 lbs.	26,000 lbs.

*MC-100B uses a dual auger/conveyor system that travels from the front to the back of machine.

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

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Specifications subject to change without prior notice.