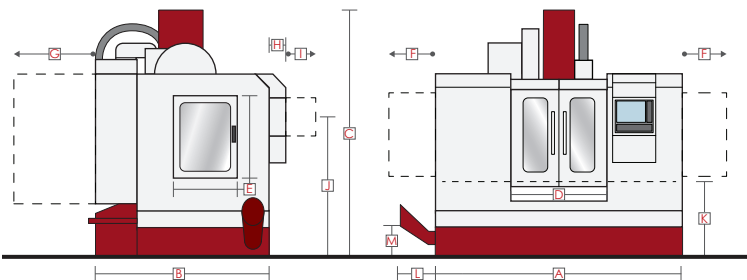


MC SERIES SPECIFICATIONS	MC-30	MC-40	MC-45	MC-60	MC-80	MC-100
X Travel	30"	40"	45"	60"	80"	100"
Y Travel	18"	20"	25"	30"	35"	35"
Z Travel	22"	28"	25"	28" (38")	30" (34")	30" (34")
Balscrew size	1.57"	1.57"	1.57"	1.57"	1.97"	1.97"
Table Load (Evenly Distributed)	2,500 lbs.	3,000 lbs.	3,500 lbs.	4,500 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 / .709"	5 / .709"	5 / .709"	5 / .709"
Table Top to Floor	30"	35"	35"	32"	35"	35"
Motor (Peak)	30.0 HP (40.0 HP option)					
Spindle Speed (RPM)	60 - 8,500 RPM (10,000 and 12,000 option)					
Spindle Torque	155 ft/lbs @ 350 RPM (204 ft/lbs w/opt 40 HP motor; 800 ft/lbs w/opt 40 HP motor and gearbox)					
Tool Type/Taper	CAT 40 (CAT 50 option) (BT-50)					
Spindle Nose to Table (Max-Min)	25" - 3"	32" - 3"	29" - 4"	32" - 4"	34" - 4"	34" - 4"
Spindle Center to Column	18"	21"	26"	30"	36"	36"
Tool Storage Capacity	24 Station Arm Type (40-Tool)					
Tool Change Time	3 seconds					
Max. Tool Diameter (full)	3.2"					
Max Tool Dia. (adjacent empty)	5.9"					
Max. Tool Weight	15.4 lbs.					
Max. Tool Length	13"					
Positioning Accuracy	+/-0.0002"					
Position Repeatability	+/-0.0001"					
Resolution	0.0001"					
Rapid Traverse	1,200 X, Y - 900 Z			600		400
Cutting Feed Rate	.001 - 900 IPM			400		400
Servo Type	AC Digital Brushless					
Axis Thrust (Peak)	4,400 lbs. X, Y, Z					
Air Pressure Requirements	90 PSI - 5 CFM					
Coolant Capacity	90 Gallons					
Coolant Flow	9 GPM					
Door Open width	34"	37"	45"	62"	81"	105"
Power Requirements	40 AMP 430-500 VAC 3 Phase (220 VAC option)					
Shipping Dimensions* (WxDxH)	93"x86"x76"	99"x86"x88"	127"x87"x87"	161"x89"x93"	110"x94"x95"	120"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.

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	MC-30	MC-40	MC-45	MC-60	MC-80	MC-100
Floor Width (A)	93"	99"	127"	161"	110"	120"
Floor Depth (B)	86"	86"	87"	89"	94"	94"
Maximum Height (C)	76"	88"	87"	93"	95"	96"
Door Opening Width (D)	35"	35"	40"	53"	63"	63"
Floor to Console Height (E)	62"	63.5"	62"	62"	62"	62"
Electrical Cabinet Swing (F)	34"	34"	34"	34"	38"	38"
Appropriate Machine Weight (G)	9,900 lbs.	12,100 lbs.	14,500 lbs.	20,000 lbs.	23,000 lbs.	26,000 lbs.

*Machine is equipped with vertically opening door.

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



Precision Built Solutions™