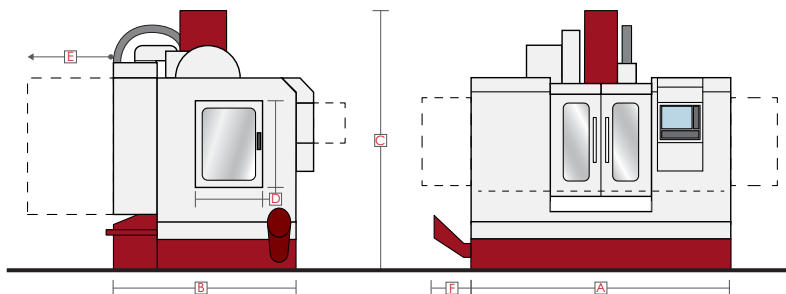


MC-L SERIES SPECIFICATIONS		MC-24L	MC-30L	MC-40L	MC-45L	MC-60L
MACHINE CAPACITY	X Travel	24"	30"	40"	45"	60"
	Y Travel	16"	22"	22"	25"	30" (35")
	Z Travel	17"	21"	22"	25"	35"
	Ballscrew size	1.57"	1.57"	1.57"	1.57"	1.57"
	Table Load (Evenly Distributed)	2,000 lbs.	2,500 lbs.	3,000 lbs.	3,500 lbs.	4,500 lbs.
	Table Size	16.5" x 27.5"	22" x 38"	22" x 43"	24" x 51"	24" x 67"
	T-Slots (No./Width)	3 / .708"	5 / .708"	5 / .708"	5 / .708"	5 / .708"
Table Top to Floor	28"	37"	37"	32"	32"	
SPINDLE	Motor HP (Peak)	20.0 HP	20.0 HP	20.0 HP	30.0 HP	30.0 HP
	Spindle Speed (RPM)	60 - 10,000 RPM (12K, 15K, 21K, 30K Optional)				
	Spindle Torque (max)	100 ft/lbs @ 350 RPM 155 ft/lbs @ 350 RPM				
	Tool Type/Taper	Big Plus CAT 40 (BT Option)				
	Spindle Nose to Table (Max - Min)	21" - 4"	25" - 4"	26" - 4"	29" - 4"	39" - 4"
	Spindle Center to Column	18"	21"	23"	26"	31" (36")
ATC	Tool Storage Capacity	30 Station High Speed Arm Type (40 Option)				
	Tool Change Time	1.5 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	1,450 X, Y, Z	1,450 X, Y, Z	1,450 X, Y, Z	1200 X, Y, Z	1200 X, Y, Z
	Cutting Feed Rate	.001 - 1,200 IPM				
	Servo Type	AC Digital Brushless				
	Axis Thrust (Peak)	4,000 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	28"	36"	40"	47"	62"
	Power Requirements	40 AMP 380-500 VAC 3 PHASE (208-250 VAC Optional)				
	Shipping Dimensions* (WxDxH)	83"x76"x82"	93"x86"x86"	100"x97"x88"	127"x87"x87"	161"x89"x93"
	Operating Dimensions (WxDxH)	83"x76"x102"	100"x86"x109"	100"x97"x109"	127"x104"x110"	161"x112"x112"
Machine Weight	7,900 lbs.	8,400 lbs.	9,500 lbs.	14,500 lbs.	20,000 lbs.	



	MC-24L	MC-30L	MC-40L	MC-45L	MC-60L
Floor Width (A)	83"	100"	100"	127"	161"
Floor Depth (B)	76"	86"	97"	104"	112"
Maximum Height (C)	102"	109"	109"	110"	112"
Side Door - Width x Height (D)	28 x 36"	28 x 36"	28 x 36"	30 x 30"	47 x 32"
Electrical Cabinet Swing (E)	34"	34"	34"	38"	38"
Protrusion (Auger/Conveyor) (F)	20"	20"	20"	20"	20"
Appropriate Machine Weight	7,900 lbs.	8,400 lbs.	9,500 lbs.	14,500 lbs.	20,000 lbs.

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

© 2026 Fryer Machine Systems, Inc. rev 100926
Specifications subject to change without prior notice.