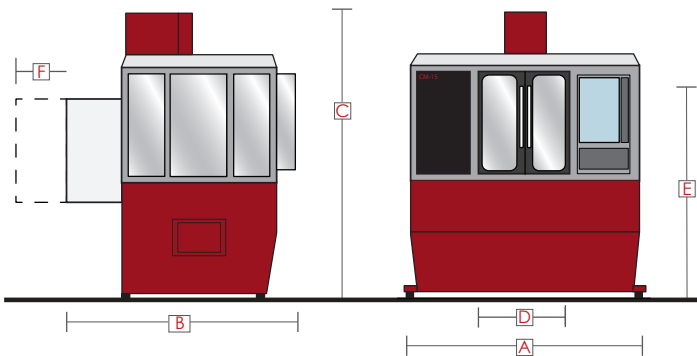


CM SERIES SPECIFICATIONS		CM 15	CM 20
MACHINE CAPACITY	X Travel	15"	20"
	Y Travel	10"	14"
	Z Travel	15"	20"
	Ballscrew Size	0.630"	1.00"
	Table Load (Evenly Distributed)	350 lbs.	450 lbs.
	Table Size	10" x 32"	12" x 24"
	T-Slots (No./Width)	4 / 0.630"	3 / 0.630"
	Table Top to Floor	32"	30"
SPINDLE	Motor HP (Peak)	7.5 HP	
	Spindle Speed (RPM)	60 - 8,000 RPM	
	Spindle Torque (Max)	35 ft/lbs. @ 350 RPM	
	Tool Type/Taper	CAT 40 (BT optional)	
	Spindle Nose to Table (Max to Min)	4" - 19"	3" - 23"
	Spindle Center to Column	11"	15"
ATC	Tool Storage Capacity	8 Station	10 Station
	Tool Change Time	5 Seconds	
	Max. Tool Diameter (Full)	3.5"	
	Max. Tool Weight	10.4 lbs.	
	Max. Tool Length	8"	
PERFORMANCE	Positioning Accuracy	+/- 0.0002"	
	Positioning Repeatability	+/- 0.0001"	
	Resolution	0.0001"	
	Rapid Traverse	500 IPM	
	Cutting Feed Rate	0.001 - 400 IPM	
	Servo Type	AC Digital Brushless	
	Axis Thrust (Peak)	2,200 lbs. X, Y, Z	
GENERAL INFO	Air Pressure Requirements	90 PSI; 3 CFM	
	Coolant Capacity	10 Gallons	
	Coolant Flow	2 Gal/Min	
	Power Requirements	40 AMP; 200-250 VAC 3 PHASE (380-500 optional)	
	Door Open Width	23"	30"
	Shipping Dimensions* (WxDxH)	55" x 52" x 71"	65" x 80" x 80"
	Operating Dimensions (WxDxH)	55" x 52" x 80"	65" x 80" x 80"
	Machine Weight	2,350 lbs.	4,300 lbs.



	CM 15	CM 20
Overall Width (A)	55"	65"
Overall Depth (B)	52"	80"
Maximum Machine Height (C)	80"	80"
Door Width (D)	23"	30"
Console Height (E)	63"	63"
Electrical Cabinet Swing (F)	30.5"	30.5"