



Precision Built Solutions™

SPECIFICATIONS

CM SERIES

		CM-15	CM-20
MACHINE CAPACITY	X Travel	15"	20"
	Y Travel	10"	13"
	Z Travel	15"	20"
	Ballscrew Size	.630"	1.00"
	Table Load (Evenly Distributed)	350 lbs.	450 lbs
	Table Size	10" x 32"	12" x 24"
	T-Slots (No./Width)	4 / .630"	3 / .630"
	Table Top to Floor	32"	30"
SPINDLE	Motor (Peak)	7.5 HP	
	Spindle Speed (RPM)	60 - 8,000 RPM	
	Spindle Torque	35 ft/lbs @ 350 RPM	
	Tool Type/Taper	CAT 40 (BT Option)	
	Spindle Nose to Table (Max-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"	
	Position Repeatability	+/-0.0001"	
	Resolution	0.0001"	
	Rapid Traverse	500 IPM	
	Cutting Feed Rate	.001 - 400 IPM	
	Servo Type	AC Digital Brushless	
	Axis Thrust (Peak)	2,200 lbs. X, Y, Z	
GENERAL INFORMATION	Air Pressure Requirements	90 PSI - 3 CFM	
	Coolant Capacity	10 Gallons	
	Coolant Flow	2 GPM	
	Door Open Width	23"	30"
	Power Requirements	40 AMP 200-250 VAC 3 Phase (380-500 VAC optional)	
	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.

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

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