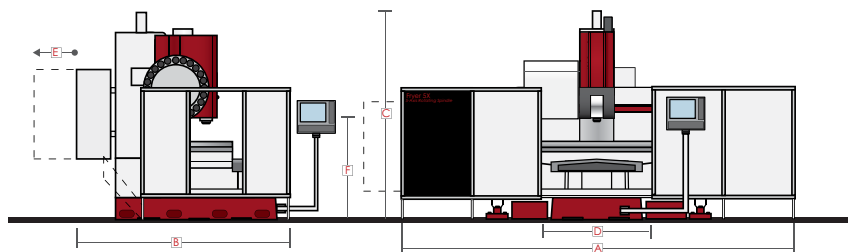


5X SERIES SPECIFICATIONS		5X-60	5X-100	5X-120	5X-160
MACHINE CAPACITY	X Travel	60"	100"	120"	160"
	Y Travel	30"	35"	50"	50"
	Z Travel	35"	34"	40"	40"
	A Travel	+/- 95°	+/- 95°	+/- 105°	+/- 105°
	C Travel	+/- 200°	+/- 200°	+/- 200°	+/- 200°
	Table Load (Evenly Distributed)	5,000 lbs.	5,000 lbs.	7,500 lbs.	8,500 lbs.
	Table Size	24" x 67"	30" x 112"	40" x 126"	40" x 165"
	Way Type	Linear	Linear	Box Ways	Box Ways
	T-Slots (No./Width)	5 / 0.709"	5 / 0.709"	5 / 0.709"	5 / 0.709"
	Table Top to Floor	32"	35"	38"	38"
SPINDLE	Motor HP (Peak)	35.0 HP		55.0 HP	
	Spindle Speed (RPM)	200 - 18,000 RPM		200 - 15,000 RPM	
	Spindle Torque (max)	40 ft/lbs. @ 1,000 RPM		90 ft/lbs. @ 2,000 RPM	
	Tool Type/Taper	HSK-63A			
	Spindle Nose to Center of Rotation	11"			
	Spindle Nose to Table - Vertical	0 - 30"		0 - 32.5"	
	Spindle Nose to Table - Horizontal	5" - 40"	5" - 39"	4" - 43"	4" - 43"
	Spindle Center to Column	30"	36"	51"	51"
ATC	Tool Storage Capacity	40-Station Arm Type (60 Tool optional)			
	Tool Change Time	3 Seconds			
	Max. Tool Diameter (full)	3.0"			
	Max. Tool Diameter (adjacent empty)	5.9"			
	Max. Tool Weight	15.0 lbs.			
	Max. Tool Length	13"			
PERFORMANCE	Positioning Accuracy X, Y, Z	+/- 0.0002"			
	Positioning Repeatability X, Y, Z	+/- 0.0001"			
	Positioning Accuracy A, C	5 Seconds			
	Position Repeatability A, C	3 Seconds			
	Rapid Traverse	1,200 IPM X, Y, Z	800 IPM X, Y, Z	400 IPM X, Y, Z	
	Cutting Feed Rate	0.001 - 800 IPM X, Y, Z 100 IPM A, C			
	Servo Type	AC Digital Brushless			
	Axis Thrust (Peak)	4,500 lbs.		10,800 lbs.	
GENERAL INFO	Air Pressure Requirements	90 PSI 5 CFM			
	Coolant Capacity	100 Gallons			
	Coolant Flow	9 Gal/Min			
	Door Open Width	62"	105"	125"	165"
	Power Requirements	125 AMP 380-500 VAC 3 PHASE			
	Shipping Dimensions* (WxDxH)	161" x 89" x 93"	120" x 94" x 96"	140" x 105" x 105"	180" x 105" x 105"
	Operating Dimensions (WxDxH)	161" x 112" x 112"	240" x 110" x 110"	285" x 135" x 126"	300" x 135" x 126"
Machine Weight	20,000 lbs.	25,500 lbs.	34,000 lbs.	37,000 lbs.	



	5x-60	5x-100	5x-120	5x-160
Overall Width (A)	161"	240"	285"	300"
Overall Depth (B)	112"	110"	135"	135"
Maximum Height (C)	112"	110"	126"	126"
Door Opening Width (D)	62"	105"	125"	165"
Electrical Cabinet Swing (E)	32"	36"	25"	25"
Console Height (F)	62"	62"	62"	62"

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

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Specifications subject to change without prior notice.