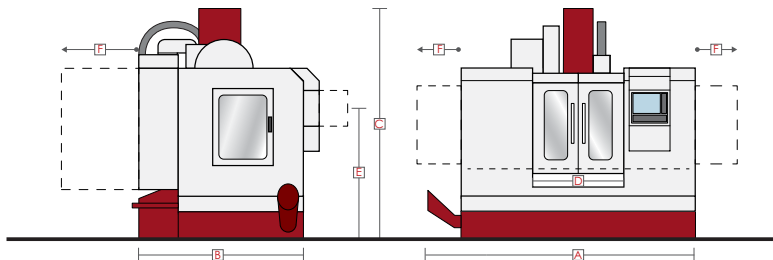


SX SERIES SPECIFICATIONS		SX-60	SX-80
MACHINE CAPACITY	X Travel	60"	80"
	Y Travel	30"	35"
	Z Travel	35"	34"
	B Travel	+/- 110°	
	C Travel	+/- 360°	
	Table Load (Evenly Distributed)	7,500 lbs.	10,000 lbs.
	Machine Table Size	24" x 67"	30" x 93"
	Built-in Rotary Table Size	24"	30"
	Way Type	Linear	
	T-Slots (No./Width)	5 / 0.709"	
Table Top to Floor	35"		
SPINDLE	Motor HP (Peak)	40.0 HP	
	Spindle Speed (RPM)	100 - 16,000 RPM (18,000 optional)	
	Spindle Torque (max)	85 ft/lbs. @ 850 RPM	
	Tool Type/Taper	BIG PLUS CAT-40 (BT-40, HSK-63)	
	Spindle Nose to Center of Rotation	11"	
	Spindle Nose to Table	37" - 2"	36" - 2"
	Spindle Center to Column	31"	36"
ATC	Tool Storage Capacity	40-Station Arm Type	
	Tool Change Time	3 Seconds	
	Max. Tool Diameter (full)	3.2"	
	Max. Tool Diameter (adjacent empty)	5.9"	
	Max. Tool Weight	15 lbs.	
	Max. Tool Length	13"	
PERFORMANCE	Positioning Accuracy X, Y, Z	+/- 0.0002"	
	Positioning Repeatability X, Y, Z	+/- 0.0001"	
	Positioning Accuracy B, C	12 Seconds (5 Seconds)	
	Position Repeatability B, C	5 Seconds (2 Seconds)	
	Axis Rapid Traverse	1,200 IPM X, Y 1,000 IPM Z	
	Rotary Rapid Traverse	"B" Axis - 33 RPM "C" Axis - 22 RPM	
	Cutting Feed Rate	0.001 - 900 IPM	
	Servo Type	AC Digital Brushless	
Axis Thrust (Peak)	4,955 lbs. X, Y 6,193 lbs. Z		
GENERAL INFO	Air Pressure Requirements	90 PSI 5 CFM	
	Coolant Capacity	100 Gallons	
	Coolant Flow	9 Gal/Min	
	Power Requirements	80 AMP 430-500 VAC 3 PHASE (220 VAC optional)	
	Shipping Dimensions* (WxDxH)	161" x 89" x 93"	110" x 94" x 95"
	Operating Dimensions (WxDxH)	161" x 112" x 112"	211" x 122" x 114"
Machine Weight	21,500 lbs.	25,000 lbs.	



	SX-60	SX-80
Floor Width (A)	161"	211"
Floor Depth (B)	112"	122"
Maximum Height (C)	112"	114"
Door Opening Width (D)	85"	81"
Floor to Console Height (E)	62"	62"
Electrical Cabinet Swing (F)	38"	38"

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

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Specifications subject to change without prior notice.