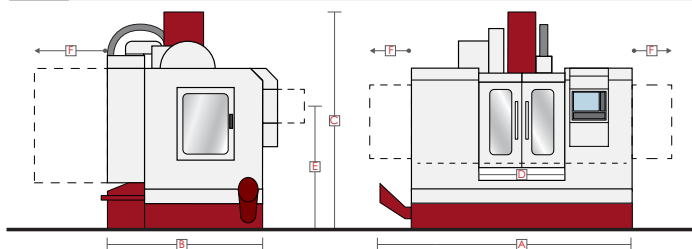


	SX SERIES SPECIFICATIONS	SX-45	SX-60	SX-80
MACHINE CAPACITY	X Travel	45"	60"	80"
	Y Travel	25"	30"	35"
	Z Travel	25"	35"	34"
	B Travel	+/- 110°	+/- 110°	+/- 110°
	C Travel	+/- 360°	+/- 360°	+/- 360°
	Table Load (Evenly Distributed)	5,500 lbs.	7,500 lbs.	10,000 lbs.
	Machine Table Size	24" x 51"	24" x 67"	30" x 93"
	Built-in Rotary Table Size	24"	24"	30"
	Way Type	Roller Type Linear		
	T-Slots (No./Width)	5 / 0.709"		
SPINDLE	Table Top to Floor	35"		
	Motor HP (Peak)	40.0 HP		
	Spindle Speed (RPM)	100 - 18,000 RPM		
	Spindle Torque (max)	85 ft/lbs. @ 850 RPM		
	Tool Type/Taper	BIG PLUS CAT-40 (BT-40, HSK-63A)		
	Spindle Nose to Center of Rotation	11"		
	Spindle Nose to Table	29" - 4"	37" - 2"	36" - 2"
ATC	Spindle Center to Column	26"	31"	36"
	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.		
PERFORMANCE	Max. Tool Length	13"		
	Positioning Accuracy X, Y, Z	+/- 0.0002"		
	Positioning Repeatability X, Y, Z	+/- 0.0001"		
	Positioning Accuracy B, C	15 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		
GENERAL INFO	Axis Thrust (Peak)	4,955 lbs. X, Y 6,193 lbs. Z		
	Air Pressure Requirements	90 PSI 5 CFM		
	Coolant Capacity	100 Gallons		
	Coolant Flow	9 GPM		
	Door Open Width	45"	62"	81"
	Power Requirements	80 AMP 430-500 VAC 3 PHASE (220 VAC optional)		
	Shipping Dimensions* (WxDxH)	127" x 87" x 87"	161" x 89" x 93"	110" x 94" x 95"
	Operating Dimensions (WxDxH)	127" x 104" x 110"	161" x 112" x 112"	211" x 122" x 114"
	Machine Weight	17,500 lbs.	21,500 lbs.	25,000 lbs.



	SX-45	SX-60	SX-80
Floor Width (A)	127"	161"	211"
Floor Depth (B)	104"	112"	122"
Maximum Height (C)	110"	112"	114"
Door Opening Width (D)	45"	62"	81"
Floor to Console Height (E)	62"	62"	62"
Electrical Cabinet Swing (F)	38"	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.