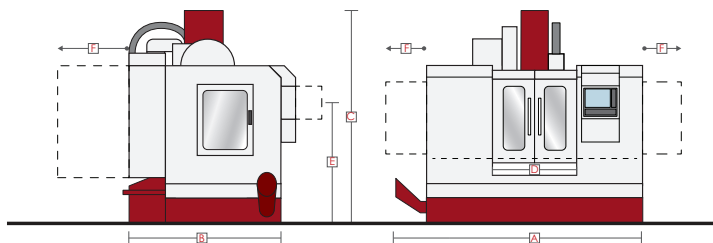


SX SERIES SPECIFICATIONS		SX-45	SX-60	
MACHINE CAPACITY	X Travel	45"	60"	
	Y Travel	25"	30"	
	Z Travel	25"	35"	
	B Travel		+/- 110°	
	C Travel		+/- 360°	
	Table Load (Evenly Distributed)	5,000 lbs.	5,000 lbs.	
	Machine Table Size	24" x 51"	24" x 67"	
	T-Slots (No./Width)	4 / 0.630"	3 / 0.630"	
	Built-in Rotary Table Size		24"	
	Way Type		Linear	
SPINDLE	T-Slots (No./Width)		5 / 0.709"	
	Table Top to Floor		35"	
	Motor HP (Peak)		40.0 HP	
	Spindle Speed (RPM)		100 - 16,000 RPM (18,000; 25,000)	
	Spindle Torque (Max)		85 ft/lbs. @ 850 RPM	
	Tool Type/Taper		CAT 40 (BT-40, HSK-63)	
	Spindle Nose to Table (Max to Min)	2" - 27"	2" - 37"	
	Spindle Center to Column	26"	31"	
	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.		
PERFORMANCE	Max. Tool Length	13"		
	Positioning Accuracy X, Y, Z	+/- 0.0002"		
	Positioning Repeatability X, Y, Z	+/- 0.0001"		
	Positioning Accuracy B, C	12 Seconds (5 Seconds)		
	Positioning Repeatability B, C	5 Seconds (2 Seconds)		
	Axis Rapid Traverse	1,400 IPM X, Y; 1,000 IPM Z		
	Rotary Rapid Traverse	"B" Axis - 33 RPM; "C" - 22 RPM		
	Cutting Feed Rate	0.001 - 900 IPM		
GENERAL INFO	Servo Type	AC Digital Brushless		
	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 Gal/Min		
	Power Requirements	80 AMP; 430-500 VAC 3 PHASE (200-250 optional)		
	Shipping Dimensions* (WxDxH)	127" x 87" x 87"	161" x 89" x 93"	
Operating Dimensions (WxDxH)	127" x 104" x 110"	161" x 112" x 112"		
Machine Weight	15,500 lbs.	21,500 lbs.		



	SX-45	SX-60
Floor Width (A)	127"	161"
Floor Depth (B)	104"	112"
Maximum Height (C)	110"	112"
Door Opening Width (D)	53"	85"
Floor to Console Height (E)	62"	62"
Electrical Cabinet Swing (F)	38"	38"