



Precision Built Solutions™

SPECIFICATIONS

5X BRIDGE SERIES

MACHINE CAPACITY		5X-8060		5X-1260		5X-8080		5X-1280			
		X Travel		86"		126"		86"		126"	
		Y Travel		60"				80"			
		Z Travel		30"				40"			
		B Travel		+/- 120°							
		C Travel		+/- 220° (360° continuous optional)							
		Table Load (Evenly Distributed)		9,000 lbs.		14,000 lbs.		18,500 lbs.		22,500 lbs.	
		Table Size		48" x 80"		30" x 112"		40" x 126"		40" x 165"	
		T-Slots (No./Width)		5 / .866"				7 / .866"			
		Table Top to Floor		32"				35"			
SPINDLE		Motor HP (PEAK)		25.0 HP (50 HP high torque)							
		Spindle Speed (RPM)		200 - 18,000 RPM Refrigerated (10,000 RPM high torque)							
		Spindle Torque (max)		50 ft/lbs @ 3000 RPM (100 ft/lbs @ 1,000 RPM)							
		Rotation Range		A axis +/- 120° C axis +/- 220° (360° continuous optional)							
		Tool Type/Taper		HSK 63A							
		Spindle Nose to Center of Rotation		11"							
		Spindle Nose to Table - Vertical		0 - 30"				0 - 40"			
		Spindle Nose to Table - Horizontal		5" - 35"				5" - 45"			
ATC		Tool Storage Capacity		32 Station Arm Type							
		Tool Change Time		3 seconds							
		Max. Adjacent Tool Diameter		3.0"							
		Max. Tool Weight		15.0 lbs.							
		Max. Tool Length		12"							
PERFORMANCE		Positioning Accuracy		+/-0.0002"							
		Position Repeatability		+/-0.0001"							
		X Rapid Traverse		800 IPM		600 IPM		800 IPM		600 IPM	
		Y, Z Rapid Traverse		800 / 600 IPM		800 / 600 IPM		800 / 600 IPM		800 / 600 IPM	
		Cutting Feed Rate		.001-500 IPM							
GENERAL INFO		Air Pressure Requirements		90 PSI 5 CFM							
		Coolant Capacity		95 Gallons				140 Gallons			
		Coolant Flow		6 GPM							
		Power Requirements		120 AMP 430-500 VAC 3 PHASE							
		Operating Dimensions (WxDxH)		245" x 175" x 155"		325" x 175" x 155"		250" x 195" x 185"		330" X 195" X 185"	
		Machine Weight		28,000 lbs.		45,000 lbs		50,000 lbs.		60,000 lbs	

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* Requires some disassembly to meet these minimum dimensions. Contact factory for more information.
(optional features)