

MACHINE SPECIFICATIONS

SUPER TURBO-X 1212



2D Specifications		2.5kW	4.0kW
Machine Structure		Ball Screw Driven Flying Optics	
Maximum Workpiece Dimensions		49.21 in x 49.21 in	
Maximum Workpiece Weight		606 lbs	694 lbs
Machine Travels	X axis	50 in	
	Y axis	50 in	
	Z axis	5.12 in	
Work Table Height		35.43 in	
Maximum Material Thickness *	Mild Steel	0.750 in	0.875 in
	Stainless Steel	0.315 in	0.394 in
	Aluminum	0.236 in	0.315 in
Motion Drive System Design	X, Y axis	Digital Servo Drive and Ball Screw	
	Z axis	Digital Servo Drive and Belts	
Number of Control Axes		3	
Rapid Travel Speed	X, Y axis	945 ipm	
Positioning Accuracy	X, Y axis	0.0004 in/19.7 in	
	Z axis	0.0004 in/3.94 in	
Repeatable Accuracy	X, Y axis	0.0002 in	
Maximum Processing Feedrate	X, Y axis	944.88 ipm	
Total Electrical Requirement		53.4 kVA	77.9 kVA
Installation Dimensions	W x D	204 in x 224 in	
Machine Unit Dimensions	W x D x H	116.14 in x 159.05 in x 75.79 in	
Machine Unit Weight		17,860 lbs	18,740 lbs
CNC Type		MAZATROL Preview	
CPU		64 bit	
Display Screen		15 in Color LCD (TFT)	
Memory Capacity		16 GB (program memory capacity: 1 GB)	
Position Detection System		Encoder	
Minimum Command Unit		0.0001 in	
Program Input System		EIA/ISO	

* Material cutting thickness is dependent on many factors including material specifications, condition and machine parameters. All specifications are subject to change.