

MACHINE SPECIFICATIONS

OPTIPLEX CHAMPION 3015 FIBER



2D Specifications		2.0kW	3.0kW
Machine Structure		Flying Optics	
Maximum Workpiece Dimensions		60.04 in x 120.08 in	
Maximum Workpiece Weight		2,050 lbs	
Machine Travels	X axis	122.05 in	
	Y axis	62.20 in	
	Z axis	5.91 in	
Work Table Height		35.43 in	
Maximum Material Thickness *	Mild Steel	0.625 in	0.750 in
	Stainless Steel	0.375 in	0.500 in
	Aluminum	0.312 in	0.500 in
Motion Drive System Design	X, Y axis	Rack and Pinion Drive	
	Z axis	Belt Drive	
Number of Control Axes		3	
Rapid Travel Speed	X, Y axis	2,362 ipm (3,340 ipm 45° vector)	
Positioning Accuracy	X, Y axis	0.0002 in/19.69 in	
	Z axis	0.0004 in/3.94 in	
Repeatable Accuracy	X, Y axis	0.0012 in	
Total Electrical Requirement		31 kVA	36 kVA
Installation Dimensions	W x D	495.3 in x 240.2 in	
Machine Unit Dimensions	W x D x H	117.3 in x 392.1 x 95.3 in	
Machine Unit Weight		26,000 lbs	
CNC Type		MAZATROL Preview 3	
CPU		64 bit	
Display Screen		15 in XGA color TFT touch monitor	
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.