

MACHINE SPECIFICATIONS

OPTIPLEX 3015 FIBER III



2D Specifications		2.0kW	4.0kW	6.0kW	8.0 kW	10.0 kW
Machine Structure		Flying Optics				
Maximum Workpiece Dimensions		60.039 in x 120.078 in				
Maximum Workpiece Weight		2,050 lbs			4,233 lbs	
Machine Travels	X axis	122.05 in				
	Y axis	62.80 in				
	Z axis	4.33 in				
Work Table Height		35.43 in				
Maximum Material Thickness *	Mild Steel	0.625 in	1.000 in	1.000 in	1.000 in	1.000 in
	Stainless Steel	0.380 in	0.750 in	1.000 in	1.000 in	1.250 in
	Aluminum	0.320 in	0.630 in	0.750 in	1.000 in	1.250 in
Motion Drive System Design	X, Y axis	Rack and Pinion Drive				
	Z axis	Ball Screw Drive				
Number of Control Axes		3				
Rapid Travel Speed	X, Y axis	4,724 ipm				
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		58 kVA	71 kVA	79 kVA	97 kVA	104 kVA
Installation Dimensions	W x D	394 in x 240 in				
Machine Unit Dimensions	W x D x H	334.21 in x 137.2 in x 79.13 in				
Machine Unit Weight		31,967 lbs	33,069 lbs	34,172 lbs	34,238 lbs	34,436 lbs
CNC Type		MAZATROL PreviewG				
CPU		64 bit				
Display Screen		19 in SXGA Color 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.