

## MACHINE SPECIFICATIONS

# OPTIPLEX NEXUS 3015 FIBER



2D Specifications		2.0kW	3.0kW	4.0kW	6.0kW
Machine Structure		Flying Optics			
Maximum Workpiece Dimensions		60.039 in x 120.078 in			
Maximum Workpiece Weight		2,050 lbs			
Machine Travels	X axis	122.046 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	1.000 in	1.000 in
	Stainless Steel	0.380 in	0.500 in	0.750 in	1.000 in
	Aluminum	0.320 in	0.500 in	0.630 in	0.750 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	2,362 ipm (3,340 ipm 45° vector)			
Positioning Accuracy	X, Y axis	0.0002 in/19.68 in			
	Z axis	0.0004 in/3.94 in			
Repeatable Accuracy	X, Y axis	0.0012 in			
Total Electrical Requirement		44 kVA	49 kVA	56 kVA	59 kVA
Installation Dimensions	W x D	330 in x 170 in			
Machine Unit Dimensions	W x D x H	119.5 in x 392.1 x 95.3 in			
Machine Unit Weight		28,330 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.