

MACHINE SPECIFICATIONS

OPTIPLEX NEXUS 3015 FIBER S4



2D Specifications		4.0kW
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	1.000 in
	Stainless Steel	0.750 in
	Aluminum	0.625 in
Motion Drive System Design	X, Y axis	Rack and Pinion Drive
	Z axis	Belt Drive
Number of Control Axes		4
Rapid Travel Speed	X, Y, Z axis	2,362 ipm (3,340 ipm 45° vector)
Positioning Accuracy	X, Y axis	0.002 in/19.68 in
	Z axis	0.0004 in/3.94 in
Repeatable Accuracy	X, Y, Z axis	0.0012 in
Total Electrical Requirement		56 kVA
Installation Dimensions	W x D	245 in x 460 in
Machine Unit Dimensions	W x D x H	119.5 in x 392.1 x 95.3 in
Machine Unit Weight		29,762 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.