

MACHINE SPECIFICATIONS

OPTIPLEX NEXUS 3015 FIBER S7



2D Specifications		7.0kW
Machine Structure		Flying Optics
Maximum Workpiece Dimensions		60.039 in x 120.078 in
Maximum Workpiece Weight		2,050 lbs
Machine Travels	<i>X axis</i>	122.046 in
	<i>Y axis</i>	62.20 in
	<i>Z axis</i>	5.91 in
Work Table Height		35.43 in
Maximum Material Thickness *	<i>Mild Steel</i>	1.000 in
	<i>Stainless Steel</i>	1.000 in
	<i>Aluminum</i>	0.750 in
Motion Drive System Design	<i>X, Y axis</i>	Rack and Pinion Drive
	<i>Z axis</i>	Belt Drive
Number of Control Axes		4
Rapid Travel Speed	<i>X, Y, Z axis</i>	2,362 ipm (3,340 ipm 45° vector)
Positioning Accuracy	<i>X, Y axis</i>	0.002 in/19.68 in
	<i>Z axis</i>	0.0004 in/3.94 in
Repeatable Accuracy	<i>X, Y, Z axis</i>	0.0012 in
Total Electrical Requirement		54 kVA
Installation Dimensions	<i>W x D</i>	330 in x 170 in
Machine Unit Dimensions	<i>W x D x H</i>	119.5 in x 392.1 x 95.3 in
Machine Unit Weight		30,424 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.