

MACHINE SPECIFICATIONS

# OPTIPLEX 4020 FIBER



2D Specifications		2.0kW	4.0kW	6.0kW	8.0kW	10.0kW
Machine Structure		Flying Optics				
Maximum Workpiece Dimensions		78.74 in x 157.48 in				
Maximum Workpiece Weight		3,527 lbs			4,233 lbs	
Machine Travels	<i>X axis</i>	160.43 in				
	<i>Y axis</i>	81.10 in				
	<i>Z axis</i>	4.33 in				
Work Table Height		35.4 in				
Maximum Material Thickness *	<i>Mild Steel</i>	0.625 in	1.000 in	1.000 in	1.000 in	1.000 in
	<i>Stainless Steel</i>	0.380 in	0.750 in	1.000 in	1.000 in	1.250 in
	<i>Aluminum</i>	0.320 in	0.630 in	0.750 in	1.000 in	1.250 in
Motion Drive System Design	<i>X, Y axis</i>	Rack and Pinion Drive				
	<i>Z axis</i>	Ball Screw Drive				
Number of Control Axes		3				
Rapid Travel Speed	<i>X, Y axis</i>	4,724 ipm				
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 axis</i>	0.0012 in				
Total Electrical Requirement		66 kVA	79 kVA	82 kVA	99 kVA	105 kVA
Installation Dimensions	<i>W x D</i>	485 in x 288 in				
Machine Unit Dimensions	<i>W x D x H</i>	423 in x 159.4 in x 79.13 in				
Machine Unit Weight		44,533 lbs	45,194 lbs	46,959 lbs	47,025 lbs	47,223 lbs
CNC Type		MAZATROL PreviewG				
CPU		64 bit				
Display Screen		19 in SXGA Color TFT Touch Screen				
Memory Capacity		16 GB (program storage 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.