MACHINE SPECIFICATIONS

OPTIPLEX 4020 FIBER III

Mazak OPTONICS CORP.

2D Specifications		2.0kW	4.0kW	6.0kW	8.0kW
Machine Structure		Flying Optics			
Maximum Workpiece Dimensions		78.74 in x 157.48 in			
Maximum Workpiece Weight		3,527 lbs			
Machine Travels	*X axis*	160.83 in			
	Y axis	81.50 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
	Stainless Steel	0.380 in	0.750 in	1.000 in	1.000 in
	Aluminum	0.320 in	0.630 in	0.750 in	1.000 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*	0.002 in/19.69 in			
	Z axis	0.0004 in/3.94 in			
Repeatable Accuracy	*X, Y axis*	0.0012 in			
Total Electrical Requirement		44 kVA	57 kVA	60 kVA	77 kVA
Installation Dimensions	*W x D*	485 in x 288 in			
Machine Unit Dimensions	*W x D x H*	423 in x 159.4 in x 79.13 in			
Machine Unit Weight		44,533 lbs	45,194 lbs	46,958 lbs	47,025 lbs
CNC Type		MAZATROL PreviewG			
CPU		64 bit			
Display Screen		19 in SXGA Color TFT			
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.

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