MACHINE SPECIFICATIONS

FT-150 FIBER

Mazak OPTONICS CORP.

TUBE Specifications		3kW
Material Shape		Round, square, rectangle
Maximum Workpiece Length	*Loading*	255.9 in (optional 314.9)
	Unloading	118.1 in (optional 177.1)
Maximum Material Diameter	*Round*	6.00 in
	Square	4.92 in
Maximum Workpiece Weight/Piece		441 lbs
Stroke	*X chuck left/right*	303.15 in (optional 371.06)
	U torch left/right	3.15 in
	Y head back/forth	47.24 in
	Z head up/down	8.07
	B head swing	± 45 degrees
Height of Chuck Center		43.31 in
Maximim Material Thickness *	*Mild Steel*	0.250 in
	Stainless Steel	0.250 in
	Aluminum	0.250 in
Rapid Travel Speed	*X axis*	5,805 ipm
	U, Y, Z axis	2,559 ipm
	B axis	19,200 degree/min
	C axis	54,000 degrees/min
Total Electrical Requirement		53.6 kVA
Installation Dimensions	*W x D*	533~657 in x 250 in
Machine Unit Dimensions	*W x D x H*	533~657 in x 236 in x 109 in
Machine Unit Weight		52,911~59,525 lbs
CNC Type		Mazak FX
CPU		64 bit
Display Screen		15 in Color LCD
Number of Control Axes		16
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.