

MACHINE SPECIFICATIONS

VERSATILE COMPACT LASER-TUBE100



Specifications		2.0kW
Material Shape		Round tubes, square tubes and flat sheets
Maximum Workpiece Length	<i>Loading</i>	144 in / 288 in optional
	<i>Unloading</i>	40 in automated / 70 in manual
Maximum Material Diameter	<i>Round</i>	1 - 4 in
	<i>Square</i>	1 - 3 in
	<i>Flat</i>	24 in x 20 in
Maximum Pounds per Foot	<i>Square/Round Tube</i>	9.5 lbs / ft
	<i>Flat Sheet</i>	35 lbs
Stroke	<i>X Axis</i>	172.4 in
	<i>U Axis</i>	32.6 in
	<i>Y Axis</i>	19.8 in
	<i>Z Axis</i>	11.8 in
	<i>C Axis</i>	±99,999.999 degrees
Height of Chuck Center		45.5 in
Maximum Material Thickness *	<i>Mild Steel</i>	0.250 in
	<i>Stainless Steel</i>	0.250 in
	<i>Aluminum</i>	0.250 in
Rapid Travel Speed	<i>X axis</i>	3,248 ipm
	<i>U axis</i>	944 ipm
	<i>Y axis</i>	944 ipm
	<i>Z axis</i>	944 degrees/min
	<i>C 1, C2 Axis</i>	28,800 degrees/min
Total Electrical Requirement		39 kVA
Installation Dimensions	<i>W x D</i>	348 in x 164 in
Machine Unit Dimensions	<i>W x D x H</i>	311.614 in x 116.531 in x 102.862 in
Machine Unit Weight		20,900 lbs
CNC Type		MAZAK FX 3li
CPU		64 bit
Display Screen		15 in Color LCD
Number of Control Axes		6
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.