

MACHINE SPECIFICATIONS

FABRI GEAR 220 III



TUBE Specifications		2.5kW	4.0kW
Material Shape		Round, square and other pipe shapes. Structural material such as H, I and L beams.	
Maximum Workpiece Length	Loading	315 in	
	Unloading	315 in	
Maximum Material Diameter	Round	8.66 in	
	Square	6.00 in	
Maximum Workpiece Weight/Piece		794 lb	
Stroke	X chuck left/right	356.5 in	
	U chuck left/right	353.90 in	
	V chuck left/right	91.14 in	
	Y head back/forth	38.78 in	
	Z head up/down	14.57 in	
	A head rotation	±99,999.999 degrees	
	B head swing	±135 degrees	
	Height of Chuck Center		37.40 in
Maximum Material Thickness *	Mild Steel	0.75 in	0.866 in
	Stainless Steel	0.314 in	0.393 in
	Aluminum	0.236 in	0.314 in
Rapid Travel Speed	X, U, V axis	3,937 ipm	
	Y axis	1,417 ipm	
	Z axis	1,181 ipm	
	A, B axis	9,600 degrees/min	
	C axis	20,000 degrees/min	
Total Electrical Requirement		64 kVA	81 kVA
Installation Dimensions	W x D	870 in x 280 in	
Machine Unit Dimensions	W x D x H	862.2 in x 228.35 in x 106.3 in	
Machine Unit Weight		58,862 lbs	59,523 lbs
CNC Type		MAZAK FX	
CPU		64 bit	
Display Screen		15 in Color LCD	
Number of Control Axes		30	
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.