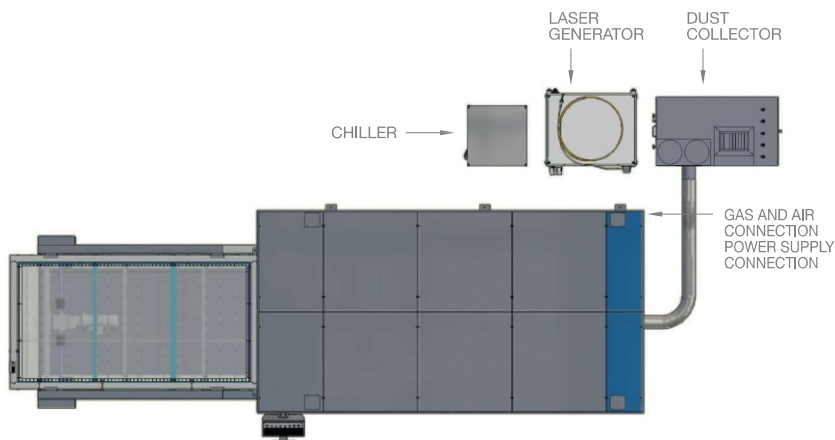
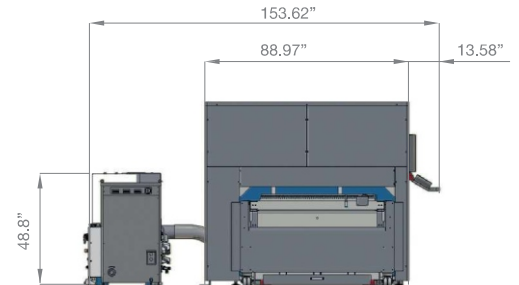


## FIBER LASER SYSTEM

# CY2D C2512



### DIMENSIONS



### CY2D C2512

- > Interfaces with Material Load and Unload systems
- > Compact - Only 344 sq.ft. of footprint
- > Quick installation time and user friendly

## CY2D LASER SOURCE AND CAPABILITIES CHART

Generator Model		10K	20K	30K	40K	50K	60K	80K	100K
<b>Nominal Power</b>	kW	1	2	3	-	-	-	-	-
<b>Power Requirement</b>	kW	3	6	9	-	-	-	-	-
<b>Total installation (*)</b>	kW	19	22	27	-	-	-	-	-
<b>Frequency</b>	nm	1074	1074	1074	-	-	-	-	-
<b>Maximum Cutting Capabilities</b>									
Carbon Steel	Inch	0.400	0.600	0.785	-	-	-	-	-
Stainless Steel	Inch	0.200	0.250	0.600	-	-	-	-	-
Aluminum Alloys	Inch	0.200	0.250	0.600	-	-	-	-	-
Brass	Inch	0.100	0.200	0.250	-	-	-	-	-

## CY2D C2512

<b>Working Area</b>		
X Axis Travel	Inch	100
Y Axis Travel	Inch	50
Z Axis Travel	Inch	5
<b>Max Loading Capacity on each table</b>	Lb	550
<b>Table change time</b>	sec	15
<b>AXES KINEMATIC</b>		
Minimum and maximum cutting speed	Inch/min	6/1967
Positioning Speed (X and Y axes)	Inch/min	1969
Interpolated Positioning Speed	Inch/min	2783
Acceleration	Inch/sec <sup>2</sup>	236
<b>PRECISION</b>		
Repeatability precision	Inch	0.0020
Parallelism and squareness over 31.5 inches of machine structure	Inch	0.0039
Cut perpendicularity (tolerance per 1 inch of thickness)	Inch	0.01
<b>FOOTPRINT</b>		
Overall Length	Inch	278
Width	Inch	89
Height	Inch	80
<b>Total weight (excluding auxiliary equipment)</b>	Lb	17600
<b>Required Dust Collector</b>		2C
<b>Color</b>	RAL	7040
	RAL	5015
<b>VOLTAGE REQUIRED (**):</b>	V Triphase	Upon Request
Frequency	Hz	50 / 60

(\*) fiber laser generator, exhaust filter, chiller, 2d machine. (\*\*) available on request