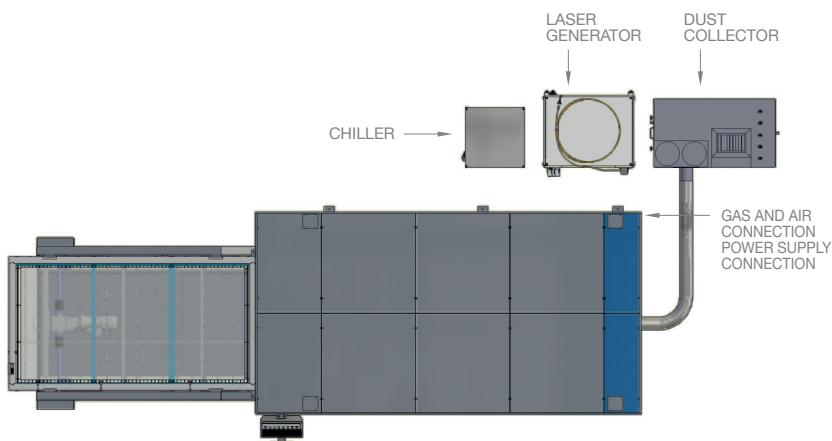
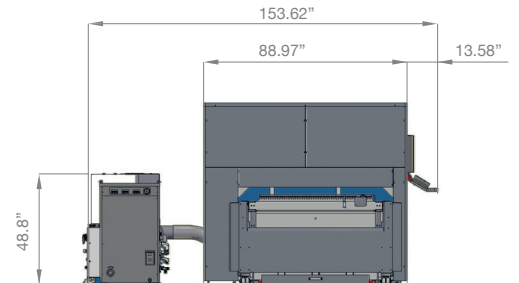
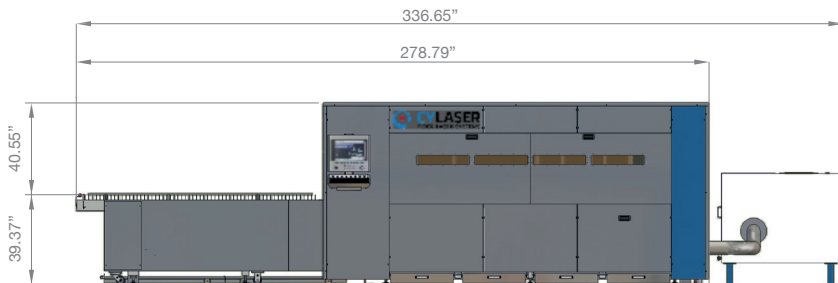


FIBER LASER SYSTEM

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
Nominal Power	kW	1	2	3	-	-	-	-	-
Power Requirement	kW	3	6	9	-	-	-	-	-
Total installation (*)	kW	19	22	27	-	-	-	-	-
Frequency	nm	1074	1074	1074	-	-	-	-	-
Maximum Cutting Capabilities									
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

Working Area		
X Axis Travel	Inch	100
Y Axis Travel	Inch	50
Z Axis Travel	Inch	5
Max Loading Capacity on each table	Lb	550
Table change time	sec	15
AXES KINEMATIC		
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 ²	236
PRECISION		
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
FOOTPRINT		
Overall Length	Inch	278
Width	Inch	89
Height	Inch	80
Total weight (excluding auxiliary equipment)	Lb	17600
Required Dust Collector		2C
Color	RAL	7040
	RAL	5015
VOLTAGE REQUIRED (**):	V Triphase	Upon Request
Frequency	Hz	50 / 60

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