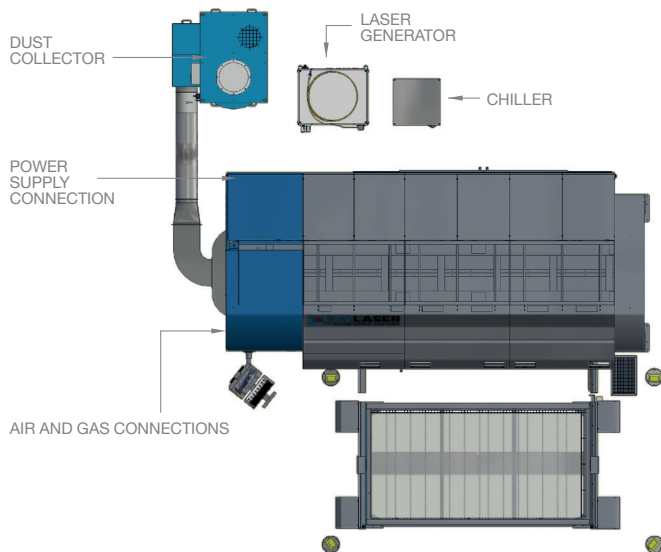
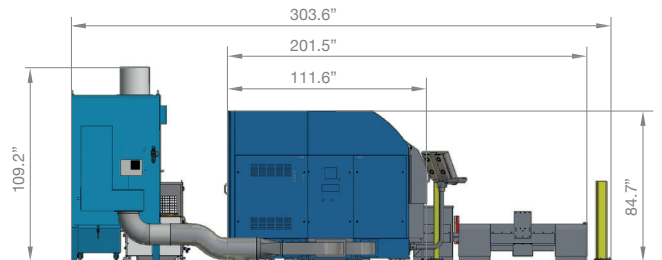
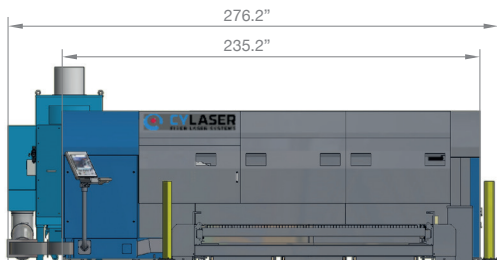


## FIBER LASER SYSTEM

# CY2D S3015



### DIMENSIONS



### CY2D S3015

- > Interfaces with Material Load and Unload systems
- > Compact layout, to optimize floor space
- > EVO III, the most advanced cutting head in the fiber laser industry

## CY2D LASER SOURCE AND CAPABILITIES CHART

Generator Model		20K	30K	40K	50K	60K	80K	100K
Nominal Power	kW	2	3	4	5	6	8	10
Power Requirement	kW	6	9	12	15	18	24	30
Total installation (*)	kW	22	27	30	33	36	42	48
Frequency	nm	1074	1074	1074	1074	1074	1074	1074
<b>Maximum Cutting Capabilities</b>								
Carbon Steel	Inch	0.600	0.785	1.000	1.000	1.000	1.000	1.000
Stainless Steel	Inch	0.250	0.600	0.625	0.700	0.750	0.750	0.750
Aluminum Alloys	Inch	0.250	0.600	0.625	0.700	0.750	0.750	0.750
Brass	Inch	0.200	0.250	0.400	0.400	0.600	0.600	0.600

## CY2D S3015

<b>Working Area</b>		
X Axis Travel		Inch 122
Y Axis Travel		Inch 61
Z Axis Travel		Inch 5
Max Loading Capacity on each table		Lb 1980
Table change time		sec 30
<b>AXES KINEMATIC</b>		
Minimum and maximum cutting speed		Inch/min 6/1968
Positioning Speed (X and Y axes)		Inch/min 4331
Interpolated Positioning Speed		Inch/min 6102
Acceleration		Inch/sec <sup>2</sup> 354
<b>PRECISION</b>		
Repeatability precision		Inch 0.0012
Parallelism and squareness over 31.5 inches of machine structure		Inch 0.0031
Cut perpendicularity (tolerance per 1 inch of thickness)		Inch 0.0004
<b>FOOTPRINT</b>		
Overall Length		Inch 235
Width		Inch 202
Height		Inch 85
Total weight (excluding auxiliary equipment)		Lb 19800
Required Dust Collector		6C
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