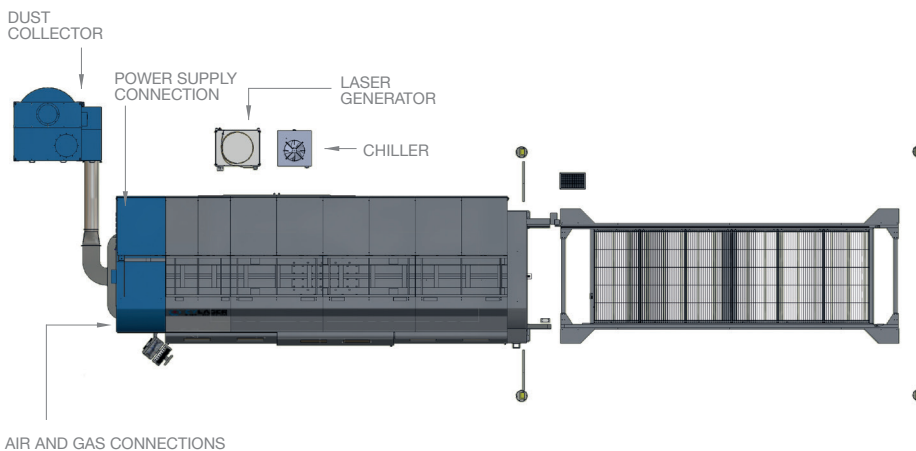
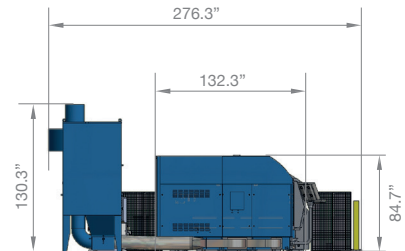
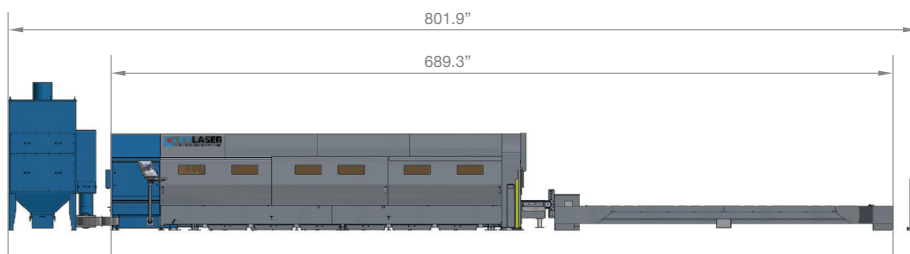


FIBER LASER SYSTEM

CY2D L6020



DIMENSIONS



CY2D L6020

- > No repositioning, maximum cutting precision on large pieces
- > Horizontal stock, possibility to process more plates on a single pallet
- > Absolute precision and mechanical stability thanks to the "airplane" structure
- > 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
Maximum Cutting Capabilities								
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 L6020

Working Area		
X Axis Travel	Inch	240
Y Axis Travel	Inch	80
Z Axis Travel	Inch	5
Max Loading Capacity on each table	Lb	5280
Table change time	sec	55
AXES KINEMATIC		
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 ²	315
PRECISION		
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
FOOTPRINT		
Overall Length	Inch	689
Width	Inch	132
Height	Inch	85
Total weight (excluding auxiliary equipment)	Lb	44000
Required Dust Collector		9C
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