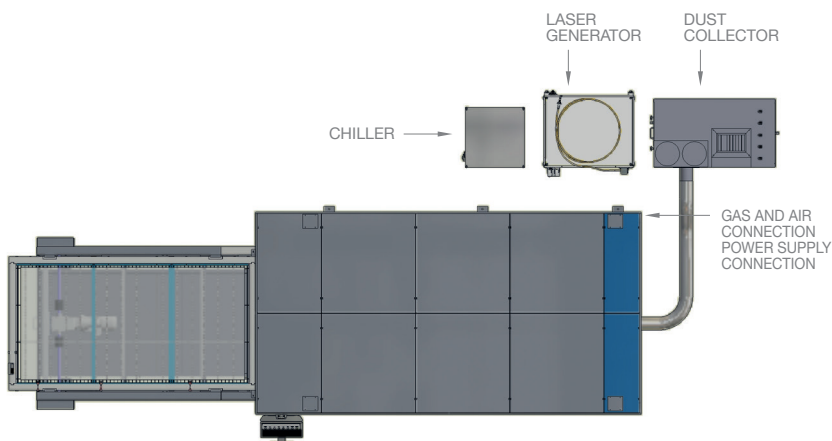
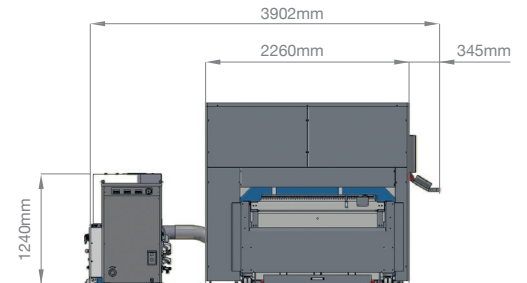
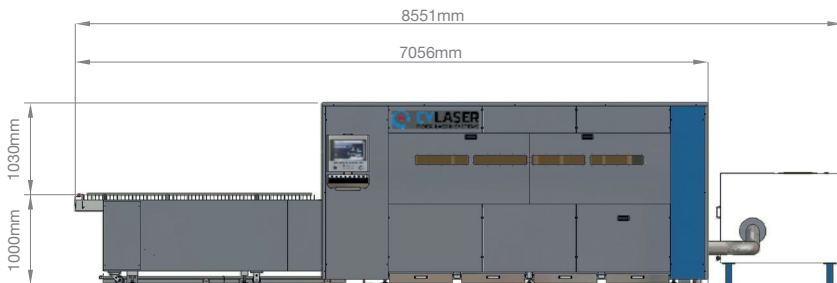


FIBER LASER SYSTEM

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	mm	10	15	20	-	-	-	-	-
Stainless Steel	mm	4	6	12	-	-	-	-	-
Aluminum Alloys	mm	4	6	12	-	-	-	-	-
Brass	mm	2	4	6	-	-	-	-	-

CY2D C2512

Working Area		
X Axis Travel	mm	2550
Y Axis Travel	mm	1280
Z Axis Travel	mm	120
Max Loading Capacity on each table	kg	250
Table change time	sec	15
AXES KINEMATIC		
Minimum and maximum cutting speed	mm/min.	150/30.000
Positioning Speed (X and Y axes)	mm/min.	50.000
Interpolated Positioning Speed	mm/min.	70.700
Acceleration	mm/sec ²	6000
PRECISION		
Repeatability precision	mm	0,05
Parallelism and squareness over 31.5 inches of machine structure	mm	0,1
Cut perpendicularity (tolerance per 1 inch of thickness)	mm	0,01
FOOTPRINT		
Overall Length	mm	7056
Width	mm	2260
Height	mm	2030
Total weight (excluding auxiliary equipment)	kg	8000
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