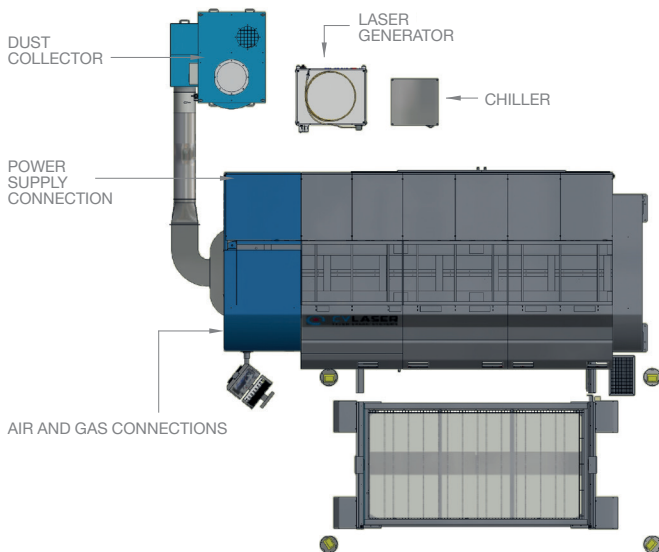
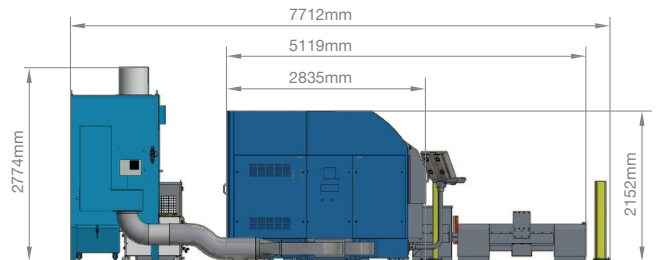
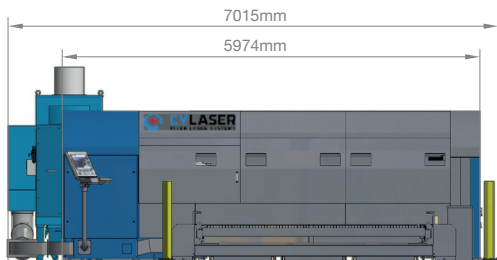


FIBER LASER SYSTEM

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 |
| Maximum Cutting Capabilities | | | | | | | | |
| Carbon Steel | mm | 15 | 20 | 25 | 25 | 25 | 25 | 25 |
| Stainless Steel | mm | 6 | 12 | 15 | 18 | 20 | 20 | 20 |
| Aluminum Alloys | mm | 6 | 12 | 15 | 18 | 20 | 20 | 20 |
| Brass | mm | 4 | 6 | 8 | 10 | 12 | 12 | 12 |

CY2D S3015

| | | |
|--|---------------------|--------------|
| Working Area | | |
| X Axis Travel | mm | 3100 |
| Y Axis Travel | mm | 1550 |
| Z Axis Travel | mm | 120 |
| Max Loading Capacity on each table | kg | 900 |
| Table change time | sec | 30 |
| AXES KINEMATIC | | |
| Minimum and maximum cutting speed | mm/min. | 150/50.000 |
| Positioning Speed (X and Y axes) | mm/min. | 110.000 |
| Interpolated Positioning Speed | mm/min. | 155.000 |
| Acceleration | mm/sec ² | 9000 |
| PRECISION | | |
| Repeatability precision | mm | 0,03 |
| Parallelism and squareness over 31.5 inches of machine structure | mm | 0,08 |
| Cut perpendicularity (tolerance per 1 inch of thickness) | mm | 0,01 |
| FOOTPRINT | | |
| Overall Length | mm | 5974 |
| Width | mm | 5119 |
| Height | mm | 2152 |
| Total weight (excluding auxiliary equipment) | kg | 9000 |
| 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