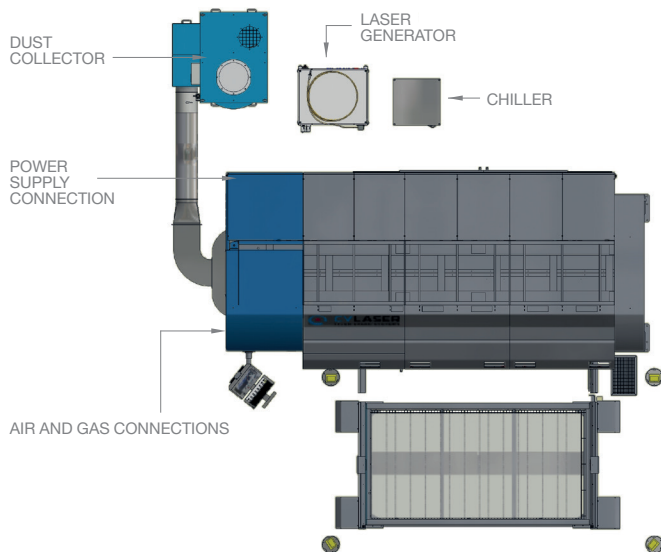
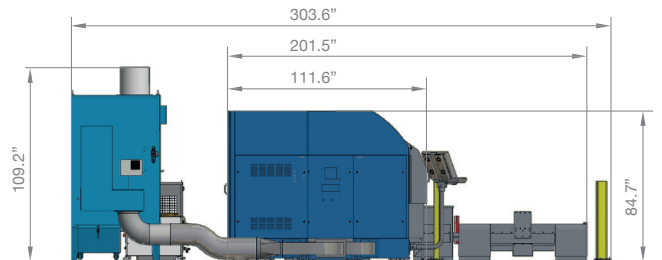
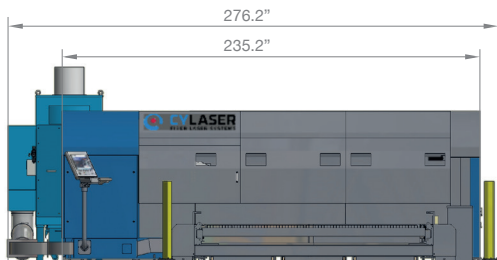


FIBER LASER SYSTEM

CY2D S3015



DIMENSIONS



CY2D S3015

- > Compact layout, to optimize floorspace
- > 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 |
| Wavelength | 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 S3015

| | | | |
|--|--|-----------------------|--------------|
| Working Area | | | |
| 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 |
| AXES KINEMATIC | | | |
| Minimum to maximum cutting speed | | Inch/min | 6 to 1968 |
| Positioning Speed (X and Y axes) | | Inch/min | 4331 |
| Interpolated Positioning Speed | | Inch/min | 6102 |
| Acceleration | | Inch/sec ² | 354 |
| 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 | 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.