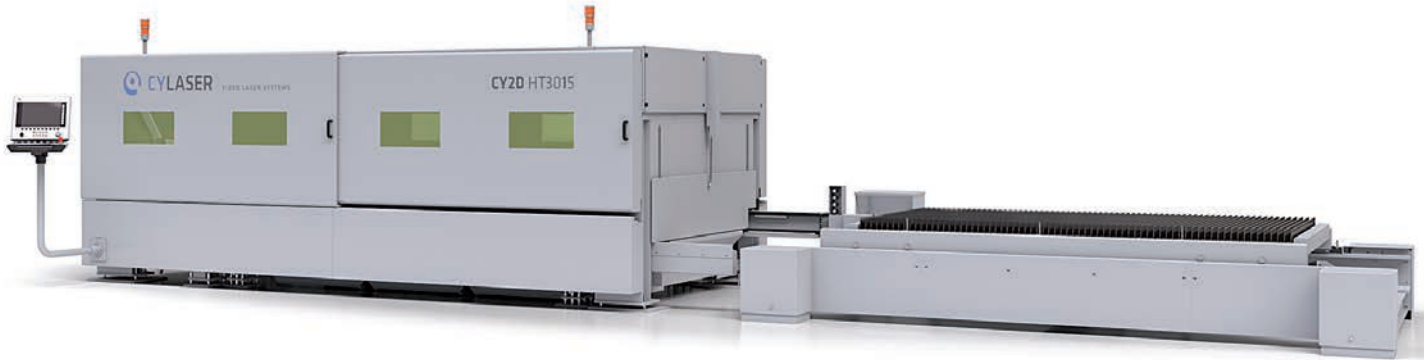
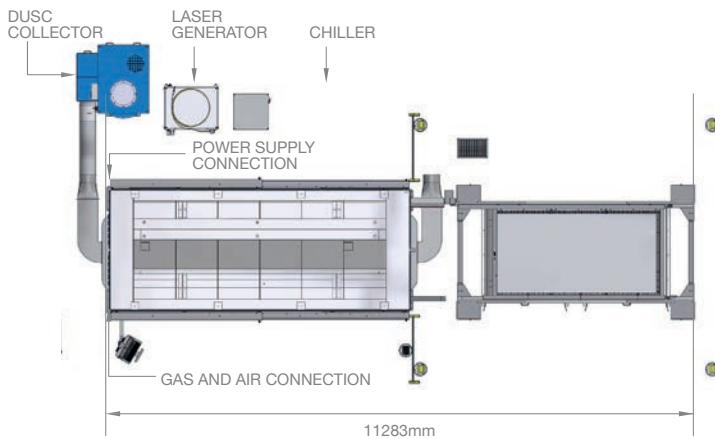
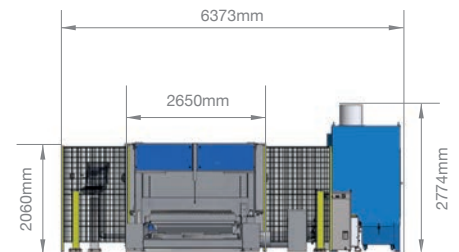
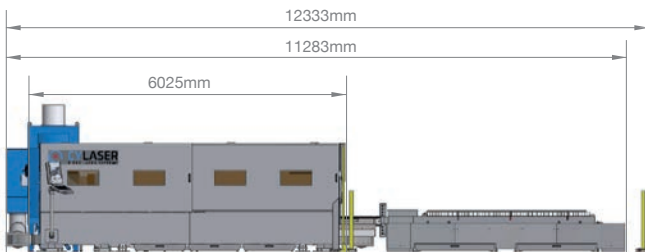


## FIBER LASER SYSTEM

# CY2D HT3015



### DIMENSIONS



### CY2D HT3015

- > New and more compact design
- > Access to working area on both sides
- > 20% increased productivity thanks to Hi-torque motors and linear Z axis
- > EVO III, the most advanced cutting head in the fiber laser industry
- > Suitable for high volume production
- > Right Hand or Left Hand configuration
- > Interfaces with Material Load and Unload systems

## CY2D LASER SOURCE AND CAPABILITIES CHART

| Generator Model                     |    | 20K  | 30K | 40K  | 50K | 60K  | 80K | 100K |
|-------------------------------------|----|------|-----|------|-----|------|-----|------|
| <b>Nominal Power</b>                | kW | 2    | -   | 4    | -   | 6    | -   | 10   |
| <b>Power Requirement</b>            | kW | 6    | -   | 12   | -   | 18   | -   | 30   |
| <b>Total installation (*)</b>       | kW | 22   | -   | 30   | -   | 36   | -   | 48   |
| <b>Frequency</b>                    | nm | 1074 | -   | 1074 | -   | 1074 | -   | 1074 |
| <b>Maximum Cutting Capabilities</b> |    |      |     |      |     |      |     |      |
| Carbon Steel                        | mm | 15   | -   | 25   | -   | 25   | -   | 25   |
| Stainless Steel                     | mm | 6    | -   | 15   | -   | 20   | -   | 20   |
| Aluminum Alloys                     | mm | 6    | -   | 15   | -   | 20   | -   | 20   |
| Brass                               | mm | 4    | -   | 8    | -   | 12   | -   | 12   |

## CY2D HT3015

|  |                     |              |
|--|---------------------|--------------|
| <b>Working Area</b>  |                     |              |
| X Axis Travel  | mm                  | 3070         |
| Y Axis Travel  | mm                  | 1550         |
| Z Axis Travel  | mm                  | 120          |
| <b>Max Loading Capacity on each table</b>                        | kg                  | 900          |
| <b>Table change time</b>   | sec                 | 30           |
| <b>AXES KINEMATIC</b>  |                     |              |
| 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 <sup>2</sup> | 13500        |
| <b>PRECISION</b>   |                     |              |
| 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         |
| <b>FOOTPRINT</b>   |                     |              |
| Overall Length   | mm                  | 11283        |
| Width  | mm                  | 2650         |
| Height   | mm                  | 2060         |
| <b>Total weight (excluding auxiliary equipment)</b>              | kg                  | 11000        |
| <b>Required Dust Collector</b>                                   |                     | 6C           |
| <b>Color</b>   | RAL                 | 7040         |
|  | RAL                 | 5015         |
| <b>VOLTAGE REQUIRED (**):</b>                                    | V Triphase          | Upon Request |
| Frequency  | HZ                  | 50 / 60      |

(\*) fiber laser generator, exhaust filter, chiller, 2d machine. (\*\*) available on request