



The light of tomorrow travels via fiber. This, we have always known. In 2005, CYLASER patented the first industrial system for Fiber Laser cutting.



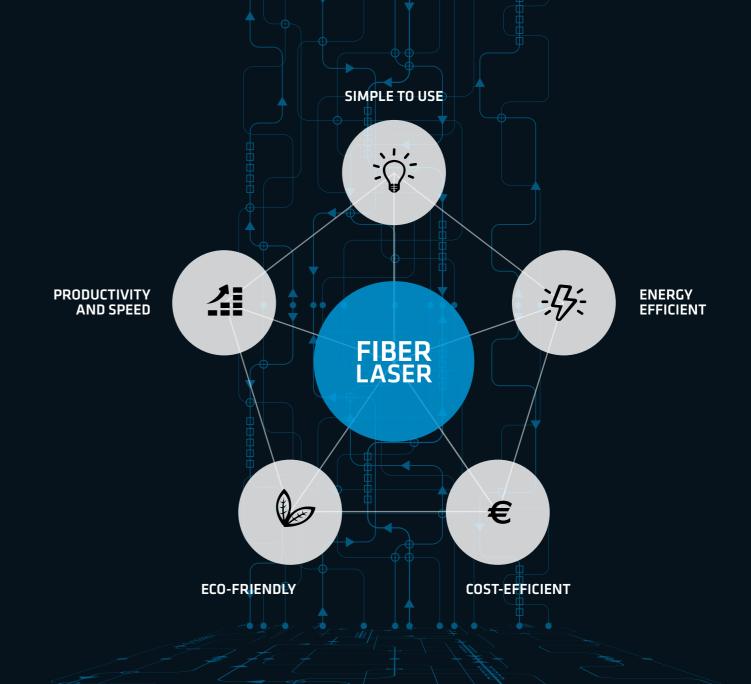


CYLASER was born in a territory with a consolidated technological background, home to the inventiveness of the Campana family. Our company has always had just one objective: exceeding your expectations.

In 2004, we initiated an industry change.

We were the first to apply fiber laser technology to a stand-alone cutting system for sheet metal and plate.

Our dynamic organization makes our know-how fully available to you, our customers and prospects. We are experts in standard automatic systems for cutting and welding that are now distributed worldwide, thanks to an efficient and widespread sales network.



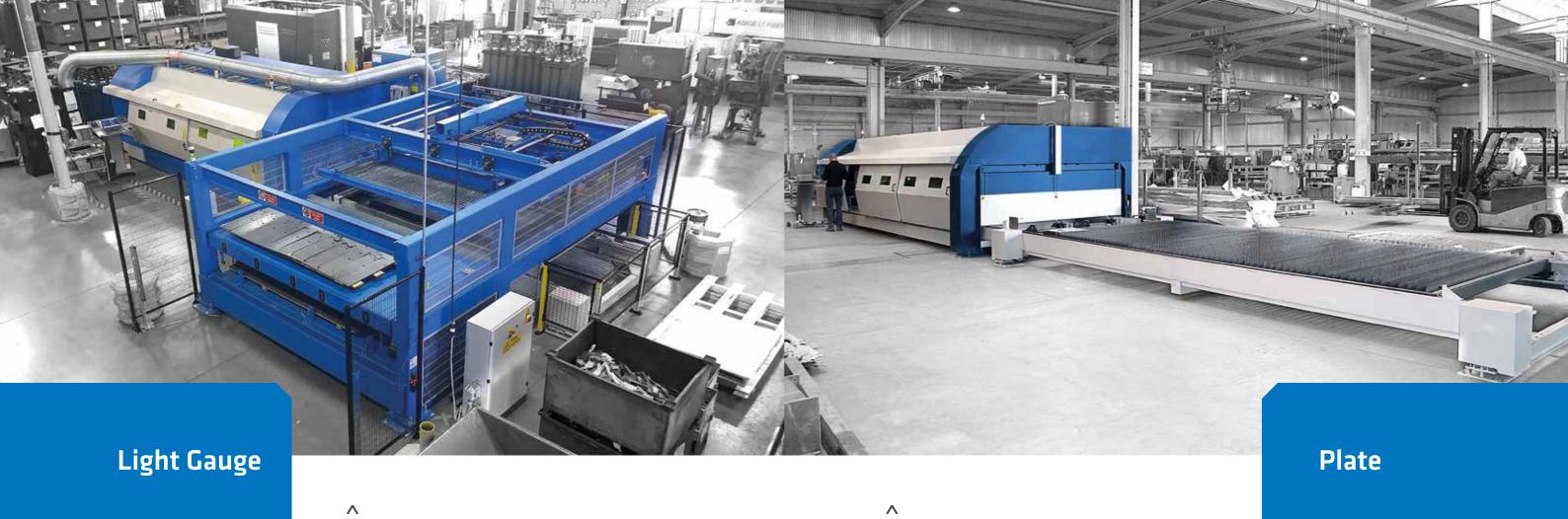
Why buy a CYLASER fiber laser system?

- > We are a true technological partner.
- We recommend balanced solutions to our client; solutions based on a realistic needs analysis.
- > We are fiber laser specialists.
- We offer an efficient and proven working process.
- > As fiber laser pioneers,
- we have more than a decade of experience and installations.









Machine CY2D20L4020 + Compact Server

ADVANTAGES

- > Increased productivity thanks to the 4000 x 2000 mm work area due to dual tables, produce more pieces per cycle and reduced scrap.
- > Optimization of space thanks to a compact design; it can be easily integrated into automated cells.
- > Increased production efficiency thanks to dedicated automation, reduced loading/unloading times, and to benefit from nitrogen cutting speed.

Machine CY2D50L8025

ADVANTAGES

- > High precision, even on 8000 x 2500 mm tables, no repositioning and improved nesting.
- > Increased performance thanks to modulation of the laser power, less energy wasted and easier heat management.
- > High productivity thanks to the dual tables, with more efficient loading/unloading times.



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X-Axis	mm	from 3100 to 8100
Y-Axis	mm	1550 to 2530
Z-Axis	mm	60
Loading capacity on each table	kg	up to 5000
Table change speed	mm/min.	30.000

Axis speed

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/sec²	9000

Precision

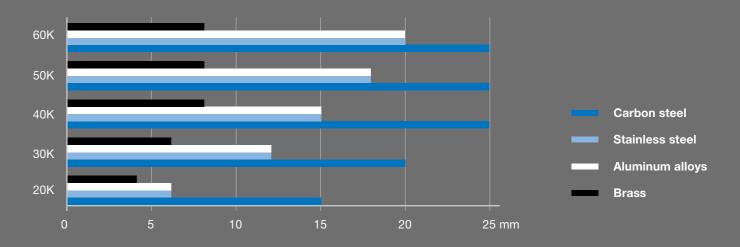
Repeatability precision	mm	0,03
Parallelism and squareness over 30 Inch	mm	0,08
Cut perpendicularity tolerances over each 0.04 inches of thickness	mm	0,01

Footprint		Reference layout
Total weight (excluding auxiliary equipment)	kg	from 8.000 to 25.000
Installed power	kW	See Generator Model Chart
Color	RAL	Gray 7040 / Blue 5015
Voltage		400V trifase
Frequency		50 / 60Hz

Generator model

		20K	30K	40K	50K	60K
Carbon steel	mm	15	20	25	25	25
Stainless steel	mm	6	12	15	18	20
Aluminum alloys	mm	6	12	15	18	20
Brass	mm	4	6	8	8	8

Cutting capacity



Generator model						
		20K	30K	40K	50K	60K
Output power	kW	2	3	4	5	6
Installed system power	kW	20	30	40	50	60
Power requirement of laser source	kW	8	12	16	20	24
Frequency	nm	1074	1074	1074	1074	1074



