

eurolaser

Partner for your success.

ACRYLIC Laser Cutting System



Invest to your future.




www.eurolaser.com



For many companies, acquiring a laser system means entering into a whole new world of technology, one which opens up hitherto undreamed-of possibilities.

We will give you thorough advice in the preliminary stages and produce samples and process specimens to ensure exact compliance with your specific product requirements. Our employees are, of course, always ready with consistent support before and after the system is installed. The ready-to-plug-in systems offer the latest "sealed-off laser technology".

Our worldwide success is based on:

- Systems that are ready for connection and energy efficient
- Modular concept and units that are interchangeable
- Moving system from the world market leader  swiss printing and cutting
- Cost transparency achieved by individual service
- Worldwide service
- High conservation of value
- Software-independent



Suitably for 1/2 acrylic plates with standard cutting: eurolaser XL-1600

A laser system - yes or no?

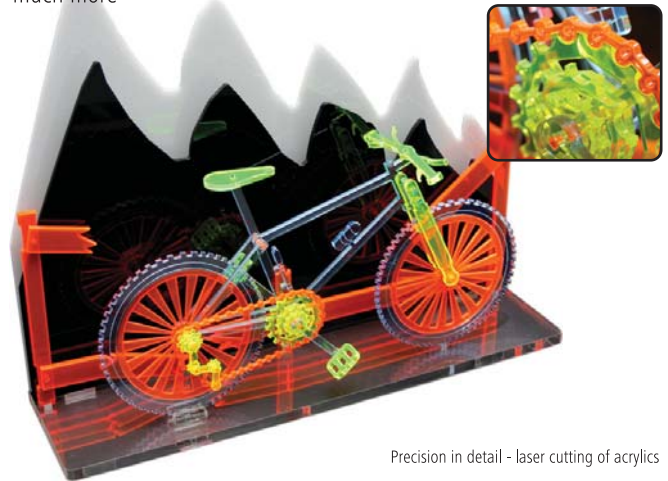
Whether or not a laser system is feasible for a company depends primarily on the question of its application. If the focus is on **flexibility** in combination with **high precision and quality of the cuts**, then the use of laser should certainly be considered. **Sample cuts** of the materials used, that can be provided by eurolaser at any time, mean that you can take your time comparing production times and quality.

Advantages

- Polished cutting edges, no reworking is required
- Inner contours with the same high quality – without additional work
- No tool wear
- No chips; exhaust and filtering without difficulty – less waste
- Burr-free cutting (PMMA GS)
- Freely selectable contour
- Very good fitting tolerances and repeatability
- Contactless, wear-free cut without material movement. No fixing necessary.

Options:

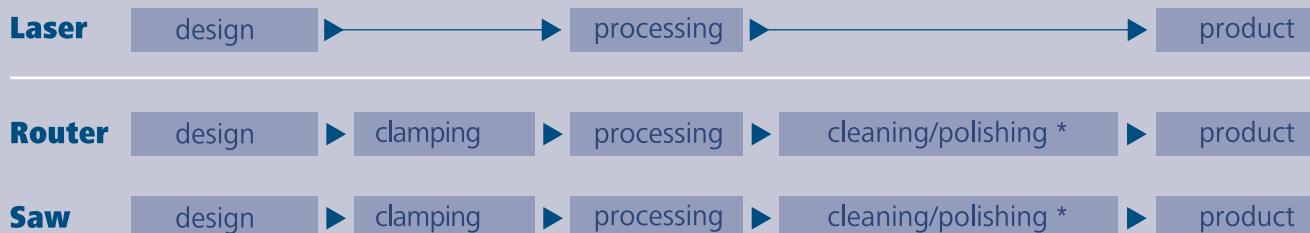
- Shuttle table system for loading and unloading during operations
- Raster engraving all over the working area
- Camera system with intelligent software for automatic cutting of printed material with adjustment calculation for distortion
- Possibility to use various tools of world market leader ZÜND and much, much more



Precision in detail - laser cutting of acrylics



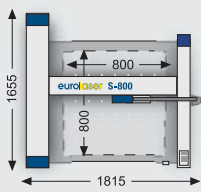
Laser cutting of acrylics in comparison



*time-consuming, labour-intensive, cost-intensive

ACRYLIC Laser Cutting System

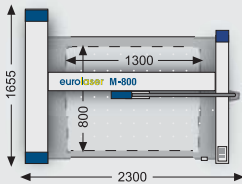
S-800



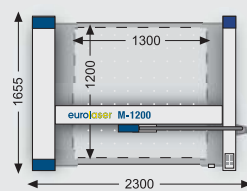
Different system sizes suitable for your applications.

S-Line

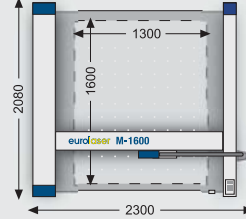
M-800



M-1200



M-1600

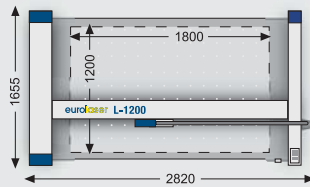


Technical data:

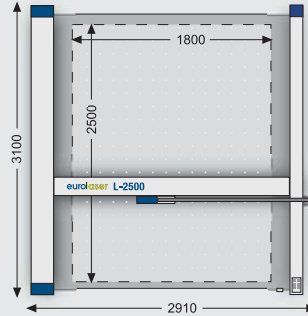
Mean static repeatability**	+/- 0.02 mm
Resolution of measuring system:	0.005 mm
	0.0002"
Addressable resolution:	0.01 mm
	0.0004"
Portal clearance:	15 - 50 mm
Speed:	1 - 1000 mm / sec
	0.04" - 39.4" / sec
Acceleration:	max 7,5 m/sec ²
	295" / sec

M-Line

L-1200



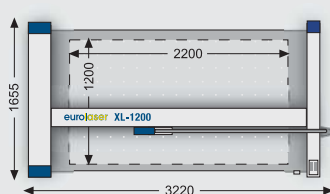
L-2500



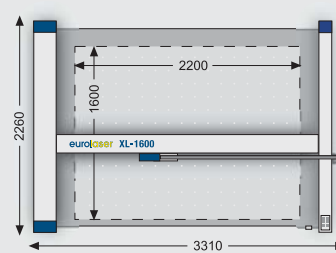
** of motion system

L-Line

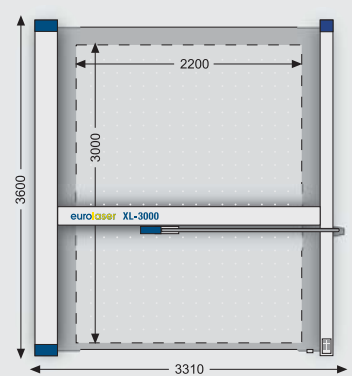
XL-1200



XL-1600



XL-3000



XL-Line

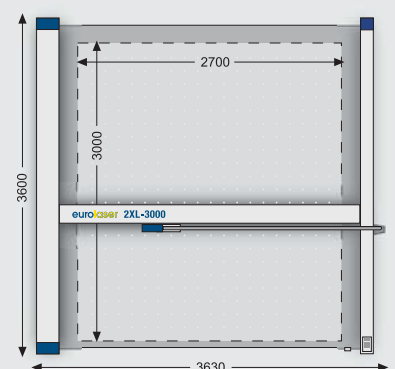
Other exemplary applications of the „tools“ laser are the **cutting/engraving** from:

- Textiles
- Wood, Veneer
- Plastic foils
- Compound material
- Cardboard
- Cork
- Dieboards

Send us your materials and samples!

In our Application Center your materials are subjected to customised tests, adjusted to fit specific client needs. Thus we make sure that you know best, how to process your material qualitatively and efficiently, using our system.

2XL-3000



2XL-Line

Your way
to us!

eurolaser worldwide



**Best production security covered
by our extended service products:**

- 36 month warranty
- Premium service agreement
- 24 hours / 7 days per week support /
hotline
- Extended spare parts supply
- Warranty extension
- LCS-Premium insurance

eurolaser

Partner for your success.

eurolaser GmbH

Gluesinger Straße 76 - 78
21217 Seevetal
GERMANY

Telephone:

+ 49 (0) 4105 155-500

+ 49 (0) 700 eurolaser

Fax:

+ 49 (0) 4105 155-555

E-Mail:

sales@eurolaser.com

Internet:

www.eurolaser.com



DIN EN ISO 9001:2000
Zertifikat: 01 100 060219