

made
in
Germany

eurolaser

Partner for your success.

ACRYLIC Laser Cutting System



Invest in 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" with 60 to 600 Watt laserpower.

Our worldwide success is based on:

- Systems that are ready for connection and energy efficient
- Modular concept and units that are interchangeable
- Cost transparency achieved by individual service
- Worldwide service
- High conservation of value
- Software-independent
- Proved thousands of times moving system from the world

market leader **ZUND**
swiss cutting systems



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

A laser system - yes or no?

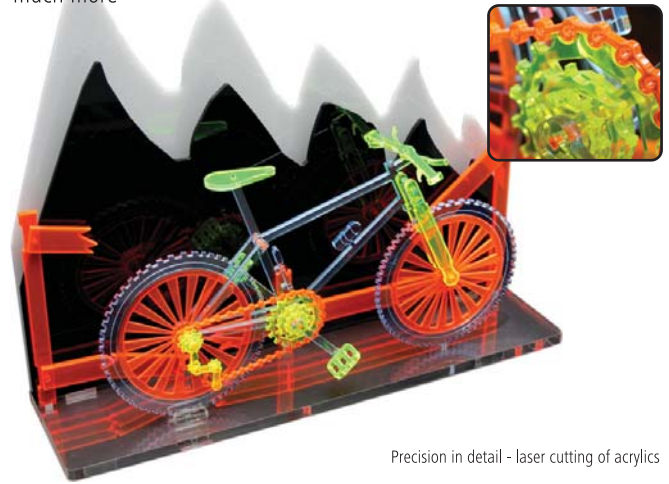
Whether or not a laser system is feasible for a company depends primarily on the question of its application. If the focus is on **flexibility** in combination with **high precision and quality of the cuts**, then the use of laser should certainly be considered. **Sample cuts** of the materials used, 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:

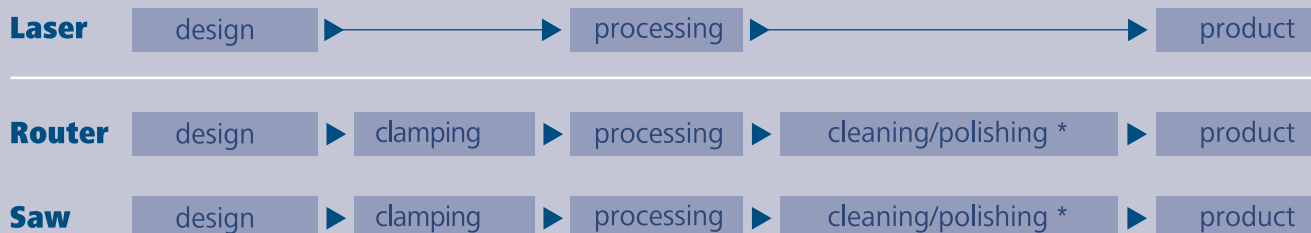
- Shuttle table system for loading and unloading during operations
- Raster engraving all over the working area
- Camera system with intelligent software for automatic cutting of printed material with adjustment calculation for distortion
- Possibility to use various tools of world market leader ZÜND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



Precision in detail - laser cutting of acrylics



Laser cutting of acrylics in comparison



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

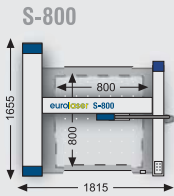
ACRYLIC Laser Cutting System

Different system sizes suitable for your applications.

S-Line

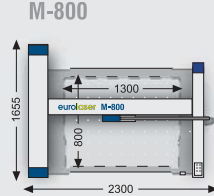
800 mm / 31,5"

800 mm / 31,5"



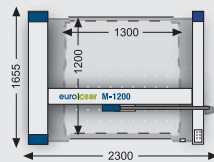
M-Line

1300 mm / 51,2"



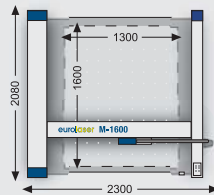
1200 mm / 47,2"

M-1200



1600 mm / 63"

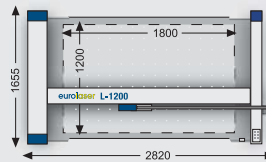
M-1600



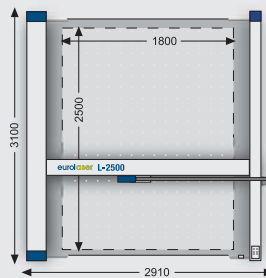
L-Line

1800 mm / 70,9"

L-1200



L-2500



XL-Line

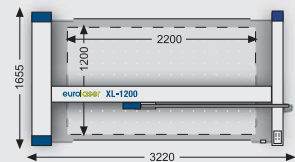
2200 mm / 86,6"

Technical data:

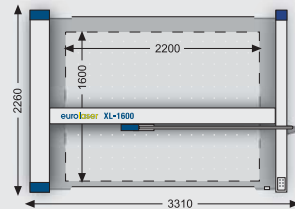
Mean static repeatability**	+/- 0.02 mm
Resolution of measuring system:	0.005 mm
	0.0002"
Addressable resolution:	0.01 mm
	0.0004"
Portal clearance:	15 - 50 mm
Speed:	1 - 1000 mm / sec
	0.04" - 39.4" / sec
Acceleration:	max 7,5 m/sec ²
	295" / sec

** of motion system

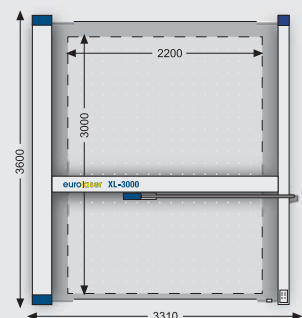
XL-1200



XL-1600



XL-3000



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.

800 mm / 31,5"

1200 mm / 47,2"

1600 mm / 63"

2500 mm / 98,4"

3000 mm / 118,1"

Your way
to us!

eurolaser worldwide



Partner:

Other products for several
applications



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



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