Discover New Profits

From work preparation to material positioning up to productivity management you’ve got everything under control! An intuitive user interface helps you to project your drawings with the click of a button. Your workers will not waste time with manual measurements and your products are ready for shipment much faster.

Projecting
Perfectly “tailor made” according to your needs, the assembly plans are separated in logical layers and the components are precisely projected one after another. Now via remote control you can move on step by step projecting and assembling. It’s as simple as sending an email.

Coordinating
Set up a bundle of drawings in a batch to coordinate all your data for the next shift. All your workers have to do is press the “next piece” button to keep the productivity rolling.

Analyzing
You can also gain reliable data to detect points in your production that need special attention. Which work process is most time consuming? Which team delivers the most profit? Our LaserPilot software helps you find out.

Optimizing
Your SL-Laser support team will show you new ways of optimizing production processes. We have shared in more than 25 years of successful experience with our customers. Let us put that experience to work for you.

Increase Productivity
SL-Laser custom tailors the laser system to your individual needs to optimize your production process. Errors are eliminated, waste is reduced – quality and consistency are guaranteed. Hand templates and hand measuring become unnecessary and reduced setup times result in more productive time. Our laser projection systems help you get more out of your existing people and machinery!

Simple and Easy to Use
Thousands of SL-Laser installations are utilized in daily production worldwide across several industries. Simple and intuitive operator interfaces make SL-Laser systems easy to use for workers of all skill and education levels. Multilingual software interfaces make it easy for multicultural workforces to learn and understand the work process.

Using laser images as guidelines vastly reduces training time and gets your new employees on the fast track to productivity. Let us show you how a laser system can be of advantage to you and your bottom line.

Increase the productivity of man and machine with SL-Laser products.

Profit at the press of a button

Hand measurement and manual templating cost you money. But have you ever thought about how much? Can you identify where you’re losing money? Time is money. Quality is money. Scraped material is money. A laser productivity system from SL-Laser eliminates the clutter and inaccuracy, minimizes idle time, reduces setups and speeds up your manufacturing.

Precision Operation
SL-Laser has a long history of providing precision German engineering with local manufacturing expertise – people that know your process and how to make improvements. Our solutions with computer controlled laser projectors meet our customer’s expectations of reliable operation and have been for many years, even on large scale assembly operations and extensive 3D production systems, saving them time and money. CAD drawings, contours, outlines or positions are shown in laser light on any surface – at or contoured.

www.SL-LASER.com
Many years of experience in industrial production

In CNC, our projection systems have been proven very successfully. SL-Laser is the preferred choice and standard offering of most major machinery OEMs. The perfect interaction of SL hardware and software guarantees a safe and speedy work-process. With the laser projection to guide the operator, the workpiece is set up and routed quickly. Waste? Zero!

Especially with costly resources like premium hardwoods and veneers for interior design or exotic stones for kitchen countertops – failure is expensive. Whenever precision, quality and highly effective use of resources is needed, SL-Laser projectors are the ideal tool.

Know-how and innovative ideas

From woodworking to aerospace, precision laser templating for manufacturing assembly operations continues to yield new opportunities.

The possibilities are limitless and the SL-Laser team is there to support you with comprehensive know-how.

Optimize your production for multiple product lines

Precision and accuracy are more than just expectations in your business – they’re requirements.

SL-Laser has an outstanding reputation for maintaining high standards of quality service and support to help you achieve those requirements. Your investment in SL-Laser equipment is a safe investment in your future.

Several good reasons to use SL-Laser projectors:

- Simple to use, even for the unskilled worker
- Set-up times can be drastically reduced
- Machines and material are used more effectively
- No waste due to highest possible precision
- Quality can be reproduced and easily controlled
- Productivity is increased up to 100 percent
- Very fast return on investment

GREEN LIGHT FOR YOUR SUCCESS!
Using the ProCollector is easy and intuitive. Quickly create accurate templates of 2D surfaces or 3D environments by simply pointing the laser target and clicking a button. The coordinate is captured automatically and stored. On a surface only two measuring points per line are necessary. The software calculates the corners to complete intersecting lines. The ProCollector is wirelessly controlled. The finished design is stored as DXF or IGS file and can be transferred immediately into your CAD program for further processing.

The generated CAD drawing or any other DXF file can also be projected by the device onto a workpiece or building surface and used as a layout tool.

Applications:
- Building Stairs
- Interior fittings
- Kitchen development
- Boat measurement

The Software: TemplateCollector

With the ProCollector CAD designs can be projected point by point in full 1:1 scale on a workpiece or a building. Open a DXF drawing and calibrate to the workplane you wish to lay out. Matching a reference line in the design to two known points in the room locks the ProCollector to your work environment. From there, tap a point in the drawing and the laser light will be directed to that point. Work around the drawing point by point to lay out bottom plates for stud walls, locate doorways and window locations, mark electrical outlets and plumbing runs.

Any point in the drawing can be located by the laser giving you a powerful full scale layout device, eliminating inaccurate hand measurement, triangulation, and string lines. One person can layout a space that would normally require two workers with traditional methods.
From the idea to custom solution

IDEA

We deliver what you need. With us you have a personal contact who will be on hand during the entire project phase. With our flexible solutions we tailor our software and other structures on your projects.

PRODUCTION

From development to Production, this all takes place in house. True to the motto: ALL UNDER ONE ROOF – ALL FROM ONE SOURCE! Our qualified staff ensure smooth operations and optimal execution.

MAINTENANCE

The reliable service team is our flagship product, by Remote diagnostics our service personnel can quickly and safely detect faults and ship any defective components to the site. With our various service contracts, necessary maintenance from our technicians are carried out quickly and efficiently.

SINCE 1988
EXPERIENCE & INNOVATION

Our contribution for your success story

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