

SL LASER — THE PIONEERS OF INDUSTRIAL LASER PROJECTION



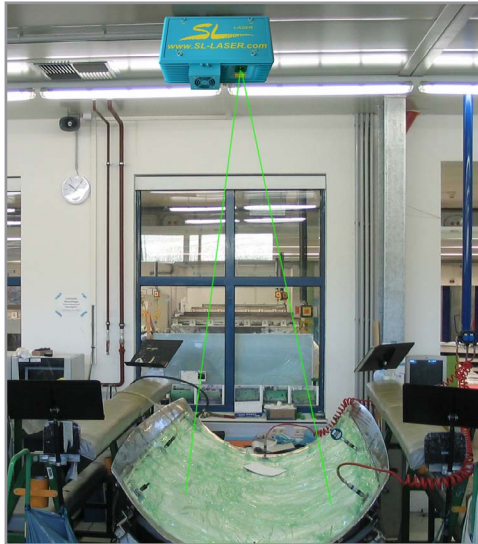
HIGHLIGHTS

- SMALLER, MORE COMPACT SIZE
- FASTER POSITIONING
- HIGHER ACCURACY
- SIMPLE OPERATION
- FASTER PROJECTION
- STANDALONE OR WITH LASER CMM
- SINGLE- OR MULTI-HEAD SYSTEMS
- INTERFACE FOR ALL COMMON CAD SYSTEMS



ProDirector 6

ProDirector 6 - INDUSTRY PROVEN TECHNOLOGY:



SL-Laser Systems makes time-consuming and inaccurate hand measuring and templating a thing of the past. Gone are the bulky manual templates and cumbersome mylars, replaced with a laser-crisp pattern of bright green light.

Switching from manual measurement methods to SL-Laser template projection improves accuracy and can increase production by as much as 100%!

Laser projection data can be generated in most common CAD software packages or with a CMM. The sequence of the projected images is queued to the production process and advanced by the operator with an easy to use remote control.

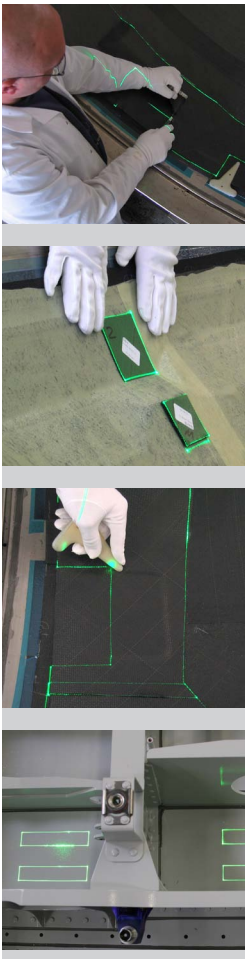
SL-Laser projectors have a vast array of mounting and fixturing options that are tailored to the application for maximum flexibility and portability. Multiple projectors can be linked for accurately projecting large workpieces or smaller, complex contours. Seamless integration with the entire suite of SL-Laser products gives you the power to move from CMM point collection to a quality controlled laser-guided ply lay-up with **ProDirector**.

SL-Laser has adequate laser systems for the positioning of different parts. The ProDirector will be developed with SL own made software.

SYSTEM SPECIFICATIONS:

Position Accuracy	± 0.014" (0.35mm) at a distance of 15' over 17' x 17' (4.5m x 4.5m) area (equals to a 60° projection)
Field of View (FOV)	Horizontal: max. 80° (60° recommended) Vertical: max. 67° (60° rec.)
Laser	5 mW maximum power, 0.9 mW "eye safe"-mode Red: 625 - 640 nm laser diode, Green: 532 nm diode-pumped solid state laser
Laser Class	North America: Class IIIa per 21CFR 1040 (CDRH) International: Class 2M per IEC/EN 60825-1:2007 CE certification
Power Requirement	80-240 VAC 50/60 Hz
Dimensions	Length: 480 mm, 18.90" Width: 170 mm, 6.69" Height: 290 mm, 11.42"
Weight	13,5 kg / 29.76 lbs

SL-LASER ProDirector 6



FROM THE PIONEERS OF LASER PROJECTION:

New, advanced reengineering tools allow faster conversion of existing lay-up designs to computer controlled ply-projection.

Since 1988, SL-Laser has provided laser projection solutions for more than five thousand installations worldwide in a vast array of industrial segments.

As pioneers of precision industrial laser projection, SL-Laser is the prominent supplier of turn-key solutions for many leading aerospace manufacturers.

The success of SL-Laser is the result of a practical, inventive spirit and a clear vision for providing cost-conscious solutions.

Projection systems from SL-Laser enable its customers to reduce setup times, simplify production, eliminate costly rework, and optimize quality.

SL-Laser's easy to operate systems integrate into your production environment to ensure a safe work flow and a fast return on investment.

SL-Laser professionals can help you to get the job done.

Our contribution to your success story.

Customer Support

- One-year standard warranty
- On-site system installation, commissioning and training
- Remote-service

Accessories and Options

- Wireless remote
- Swivel support bracket • Stands
- Tailored fixtures, arms and steel constructions
- Trolley-systems • Wireless data-transmission
- Barcode reader • Calibration plate
- Extended warranty



Experience & Innovation
Our contribution to your success story



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