



LASER BOOTH

LASER WELDING
SAFETY BOOTH



**DESIGNED TO CREATE A SAFE AND
STRUCTURALLY COMPLIANT ENVIRONMENT
FOR HANDHELD LASER WELDING APPLICATIONS.**

The **ESAB LASER BOOTH** is a purpose-built, modular laser welding booth, engineered to create a safe, and structurally compliant environment for handheld laser welding applications.

As demand grows for compact, portable laser welders across industrial and workshop settings, safety is critical. The ESAB LASER BOOTH delivers a complete enclosed solution, safeguarding both operators and surrounding personnel without compromising productivity.

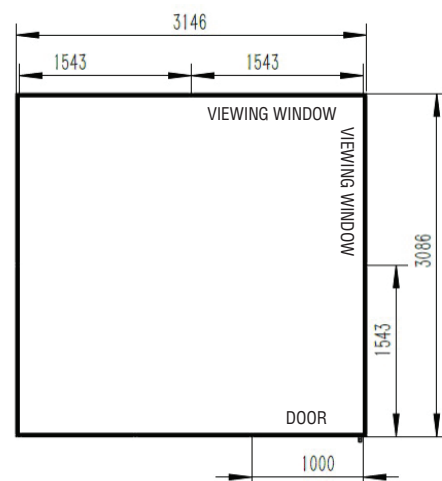
Constructed from certified laser-safe materials, the enclosure features solid baffle walls and integrated laser viewing panels designed to block harmful radiation in the critical 1050–1400 nm wavelength range. These components are tested to DIN EN 12254:2012-04 and meet protection classes D AB7 + I AB8 + R AB6 + M AB8Y, ensuring reliable protection from direct, indirect, and scattered beam exposure.

Perfect for manufacturing facilities, training centers, R&D labs, or customer demonstration areas, the ESAB LASER BOOTH provides a self-contained, easy-to-deploy workspace that meets regional laser safety regulations. Fully enclosed from walls to roof, it supports both temporary and semi-permanent installations.

Whether you're showcasing equipment, performing precision welds, or training operators, the ESAB LASER BOOTH provides peace of mind through certified protection, professional-grade construction, and a design focused on usability and operator comfort.

KEY FEATURES

- Fully enclosed, with laser-safe paneling rated for Class 4 lasers
- High-impact resistance, ignition resistance, and laser stability
- Suitable for both robotic and manual laser welding / cutting systems
- Modular construction for quick assembly in factory or demo spaces (DIY)
- Dual large viewing panels for clear visibility while maintaining full laser protection



SPECIFICATIONS

Model	ESAB Laser Booth
Wall Panels	DIN EN 12254:2012-04 compliant Material: Rigid black metal, 3.9 mm thick Marking: D AB7 + I AB8 + R AB6 + M AB8Y (wavelength range: >1050–1400 nm)
Viewing Windows	EN 12254:2010 + AC:2011 compliant • D AB5 + IR AB6: 300–380 nm (OD6+) • DIR AB5: >380–450 nm (OD5+) • DIR AB6: 900–1040 nm (OD6+) • D AB4 + IR AB6: 1050–1095 nm (OD8+) • D R AB6: >1095–1800 nm (OD6+) Certified by: ECS GmbH – Notified Body 1883 Material: PMMA, 5.0 mm thick (Optosafe)
Dimensions	3146 x 3086 x 2000 mm
Coverage provided	Walls and Roof
Viewing Windows	1400 x 300 mm / Qty: 2

Disclaimer: The ESAB Laser Booth is structurally compliant to meet the safety standards to enclose a class 4 Laser welding machine. Safety switches, interlock devices, wiring and other safety compliance components required to meet all safety standards are not included with the ESAB Laser Booth.

ORDERING INFORMATION

ESAB Laser Booth (3x3x2m) with Door, 2 viewing windows and Roof	760000
ESAB Laser Booth - Panel Wall / Entrance	760001
ESAB Laser Booth - Panel Wall / Back	760002
ESAB Laser Booth - Panel Wall / Window LH	760003
ESAB Laser Booth - Panel Wall / Window RH	760004
ESAB Laser Booth - Panel Roof	760005



**ESAB LASER BOOTH
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2 VIEWING WINDOWS
AND ROOF.**

P/N: 760000

