XL-BOX LASER MARKING WORKSTATION



ROBUSTNESS AND RELIABILITY

- Long-life components (≥ 100 000 h)
- Reduced maintenance
- 2 years warranty (5 years optional)

FIBER LASER

- SIC Marking Fiber laser sources doped with Ytterbium
- 1D or 2D codes (Data Matrix) marking
- Fast and high quality marking



FULL CHASSIS

- Steel construction
- Tray for PCs

USER-FRIENDLY

- Automatic & secured door system
- Large viewing window
- Access the marking zone from 3 sides, internal working area of 570 x 564 mm
- Motorized Z axis
- Sold with a complete chassis



SECURITY

- Class 1 security laser (EN 60825-1 standard)



ROBOT MODE

- Laser fully controllable by automated robot cell

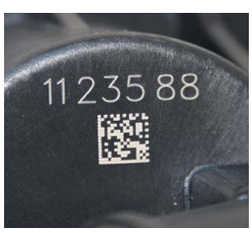
100% MODULAR RANGE



AVAILABLE CONFIGURATIONS

Easy 20-30W	Easy 50W	HD 20W
Excellent value for money Marking on all types of materials and difficult surface conditions	Deep marking Ultra fast marking	Multi material (ideal for aluminums and plastics ...) Reduced cycle time
VERSATILITY	HIGH POWER	HIGH CONTRAST

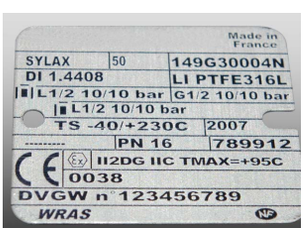
LASER MARKING SAMPLES





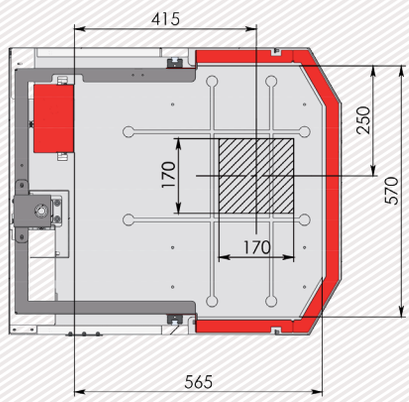


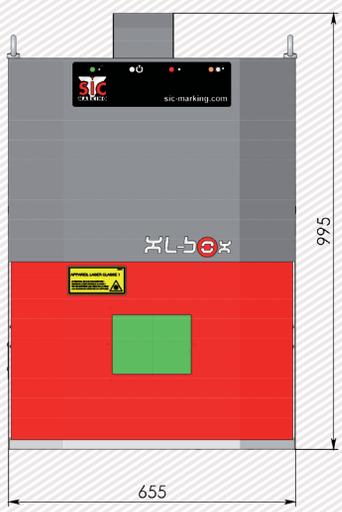


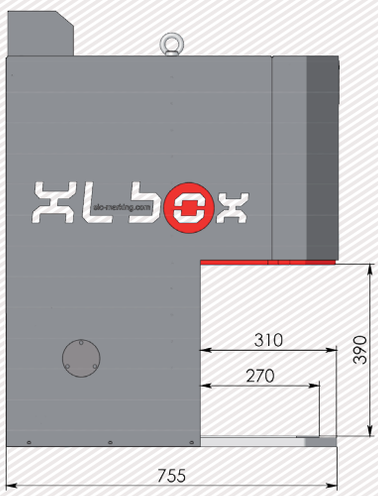


MECHANICAL FEATURES

	XL-BOX
Marking window	☐ 60*mm ☐ 100 mm ☐ 170 mm ☐ 220*mm ☐ 300*mm (*contact us)
External dimensions	655 x 755 x 995 mm
Marked parts Dimensions	Max height: 370 mm - Max length: 570 mm
Lighting	LEDs on the work area
Working distance adjustment	Motorized column with counter and laser pointers
Security	Class 1 security laser (EN 60825-1 standard)
Software	SIC Laser Software







THE FIBER UNIT

- Operating method: pulsed (variable frequency)
- Ultra Compact: 4U height (177mm)
- Consumption: 750 W
- Wavelength: 1 064 nm
- Cooling: by air only
- Warranty: 2 years (5 years optional)
- Communication cards (optional):

EtherNet/IP PROFINET® PROFIBUS®

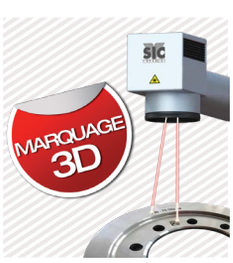


- USB interface, Windows environment
- Laser driven by «SIC LASER» software
- Digital axis control (linear and rotary)
- Self diagnostic function
- User-friendly interface with icons navigation

MODULARITY: ACCESSORIES AVAILABLE AT ANY TIME *(Contact us)*



Integrated Vision System



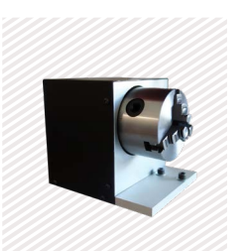
3D Marking



Full Chassis with PC tray



Extraction and filtration systems



Divider axis



Manual rotating platter

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