

# XL-BOX LASER MARKING WORKSTATION



## + 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)

## + ROBUSTNESS AND RELIABILITY

- Long-life components ( $\geq 100\ 000$  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



## + ROBOT MODE

- Laser fully controllable by automated robot cell

## AVAILABLE CONFIGURATIONS



### Easy 20-30W

Excellent value for money  
Marking on all types of materials and difficult surface conditions

### LG 50W

Deep marking  
Ultra fast marking

### HD 20W

Multi material (ideal for aluminums and plastics ...)  
Reduced cycle time

**VERSATILITY**

**HIGH POWER**

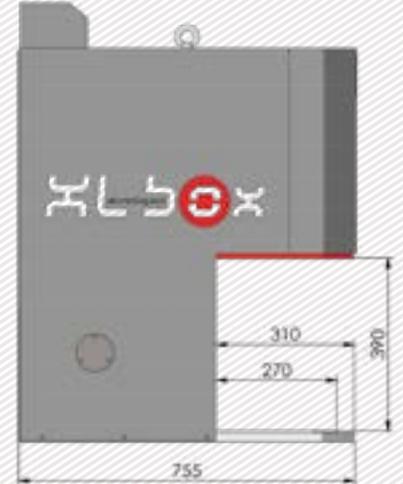
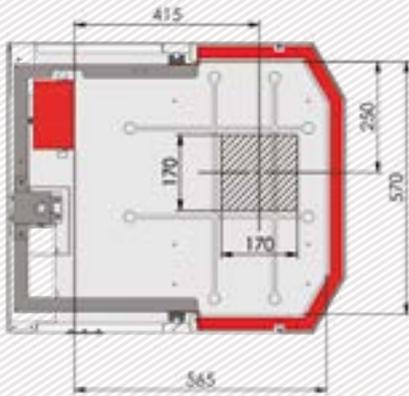
**HIGH CONTRAST**

## LASER MARKING SAMPLES



# MECHANICAL FEATURES

XL-BOX	
Marking window	<input type="checkbox"/> 60*mm <input type="checkbox"/> 100 mm <input type="checkbox"/> 170 mm <input type="checkbox"/> 220*mm <input type="checkbox"/> 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):



- + 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



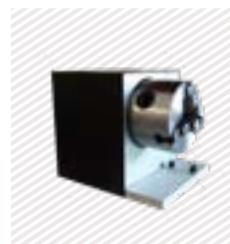
3D Marking



Full Chassis with PC tray



Extraction and filtration systems



Divider axis



Manual rotating platter