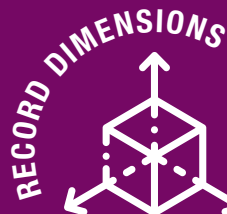


XXL-BOX MODULAR LASER MARKING WORKSTATION



+ Marking of parts up to 520 mm high

+ Modular internal working area

+ Choice of width: 800, 1200 or 1600 mm

+ Depth 820 mm



+ ROBOT MODE

- Laser fully controllable by an automated robot cell



+ USER-FRIENDLY & SECURITY

- Automatic & secured door system
- Motorized or programmed Z axis
- Ergonomic remote control
- Class 1 security laser (EN 60825-1 standard)
- PL-e ranking (ISO 13849-1)

+ FIBER LASER

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

+ ROBUSTNESS AND RELIABILITY

- Steel construction
- Long-life components ($\geq 100\,000$ h)
- Reduced maintenance
- Up to 5 years warranty

AVAILABLE CONFIGURATIONS

Easy 20-30W

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

LG 50W

Deep and
Ultra fast marking

HD 20W

Capable of marking multiple materials (ideal for aluminums and plastics ...)
Reduced cycle time

VERSATILITY

HIGH POWER

HIGH CONTRAST

LASER MARKING SAMPLES

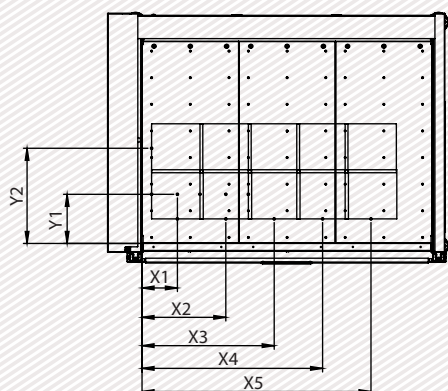


MECHANICAL FEATURES

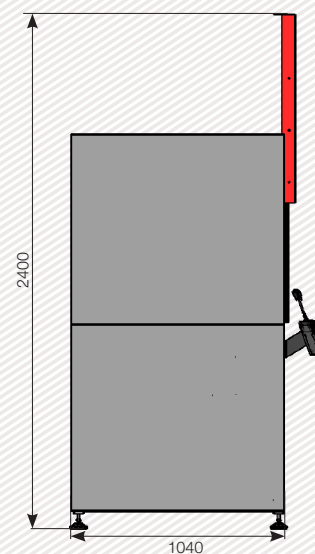
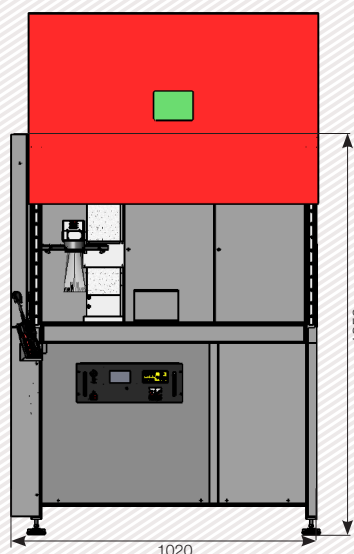
XXL-BOX

Marking window	100 x 100 mm - 170 x 170 mm (others consult us)
External dimensions	1020* x 1040 x 1850 mm
Marked parts Dimensions	Max height: 520 mm
Security	Class 1 security laser (EN 60825-1 standard) / PL-e ranking (ISO 13849-1)

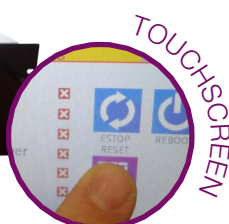
* Modular width: 1020, 1420 ou 1820 mm



	Y1	Y2	X1	X2	X3	X4	X5	X6	X7
800	127	237	137	377	537	-	-	-	-
1200	127	237	137	377	537	777	937	-	-
1600	127	237	137	377	537	777	937	1177	1337



THE FIBER UNIT



- + 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

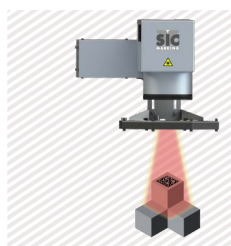


CUSTOM SOLUTIONS

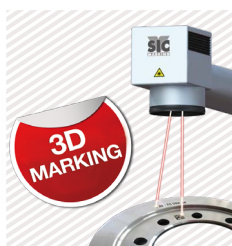
- + Development of specific part **supply systems** (turntable, loading drawer, etc.)
- + Laser station easily integrated into **robotic cells**
- + **Custom tooling** on request
- + Integrated or deported **reading system**



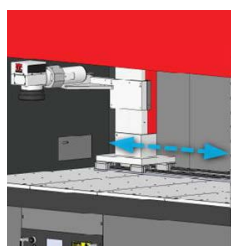
MODULARITY: ACCESSORIES AVAILABLE AT ANY TIME *(Consult us)*



Integrated Vision System



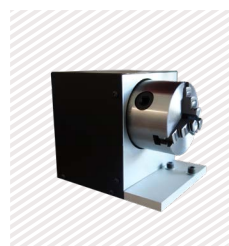
3D Marking



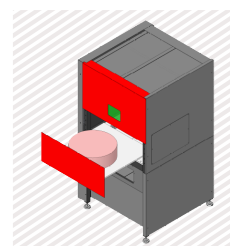
Programmable or motorized horizontal movement of the column



Extraction and filtration systems



Divided axis



Drawer for heavy parts (optional)