

+ VERSATILITY

- Adjustable pulse duration per object
- Wide range of marking for many materials
- Surface or hollow marking
- 1D or 2D codes (Data Matrix) marking
- Images or vector logos marking
- Can be set up for reduced cycle time

+ HIGH MARKING QUALITY

- SIC Marking fiber laser
- Multi applications (metals, plastics...)
- Decorative marking

+ ROBUSTNESS AND RELIABILITY

- Long-life components ($\geq 100\ 000$ h)
- Suitable for intensive use in industrial environments
- Reduced maintenance
- Proven technology, 2 years warranty

+ EASE OF USE AND INTEGRATION

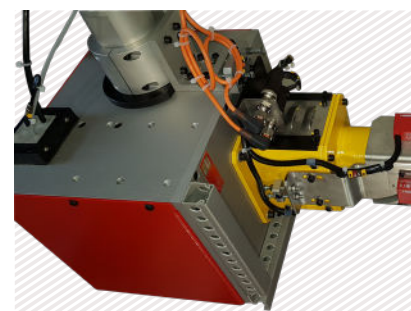
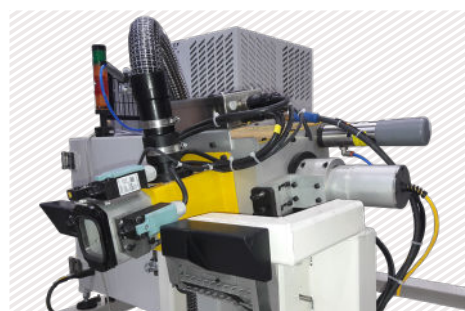
- Small size
- Built-in communication cards and memory
- No PC required to operate on the line



LASER MARKING EXAMPLES

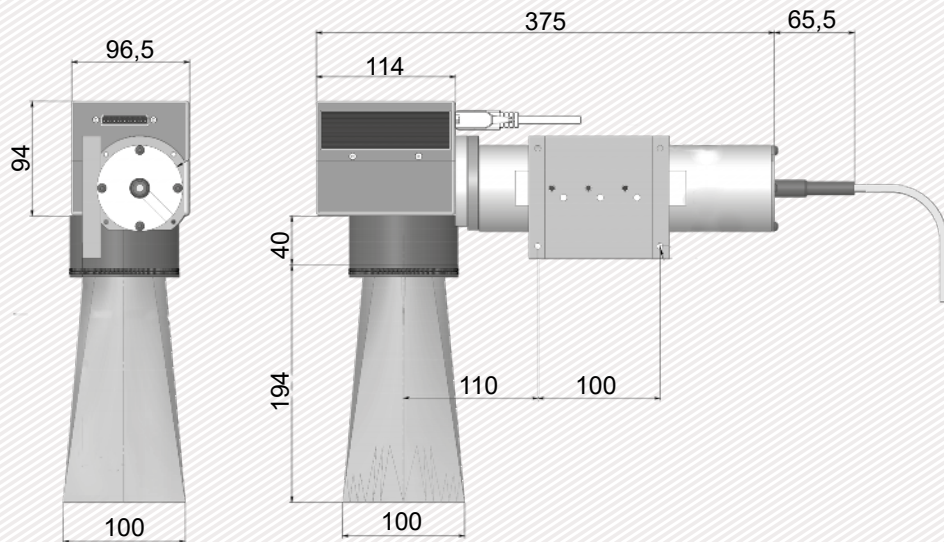


APPLICATIONS



MECHANICAL FEATURES

i103 HD	
Marking window	<input type="checkbox"/> 60 mm <input type="checkbox"/> 100 mm <input type="checkbox"/> 170 mm (others consult us)
Weight	Control unit: 19 kg - Marking head: 5kg
Consumption	750W
Security	Class 4 Laser (EN60825-1 standard) to secure
Software	SIC Laser ADVANCED / SIC Laser PC / SFA
Pulse duration	from 2 ns to 200 ns



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):



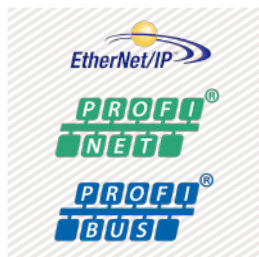
- + USB interface, Windows environment
- + Laser driven by «SIC LASER» software
- + Digital axis control (linear and rotary)
- + Self diagnostic function
- + User-friendly interface with icons navigation



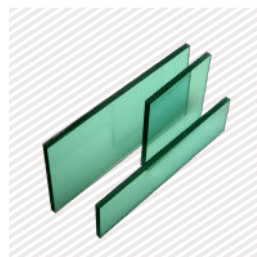
MODULARITY: ALL OPTIONS ARE AVAILABLE AT ANY TIME!



Extraction and filtration systems



Communication cards



Protective glass



Integrated vision system



3D Marking