

# I103 HD INTEGRATED LASER 20 W



## + VERSATILITY

- Adjustable pulse duration: marking on all types of materials
- Surface or hollow marking
- 1D or 2D codes (Data Matrix) marking
- Images or vector logos 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

## + HIGH MARKING QUALITY

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

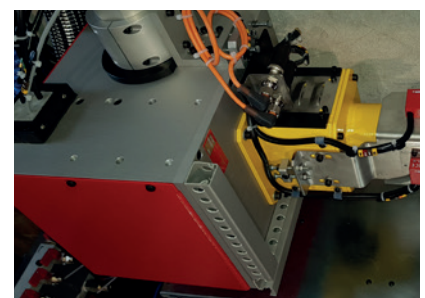
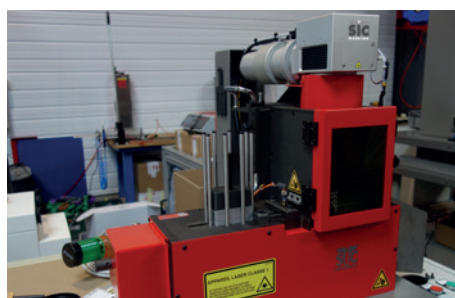


**HIGH CONTRAST  
MARKING**

## LASER MARKING EXAMPLES

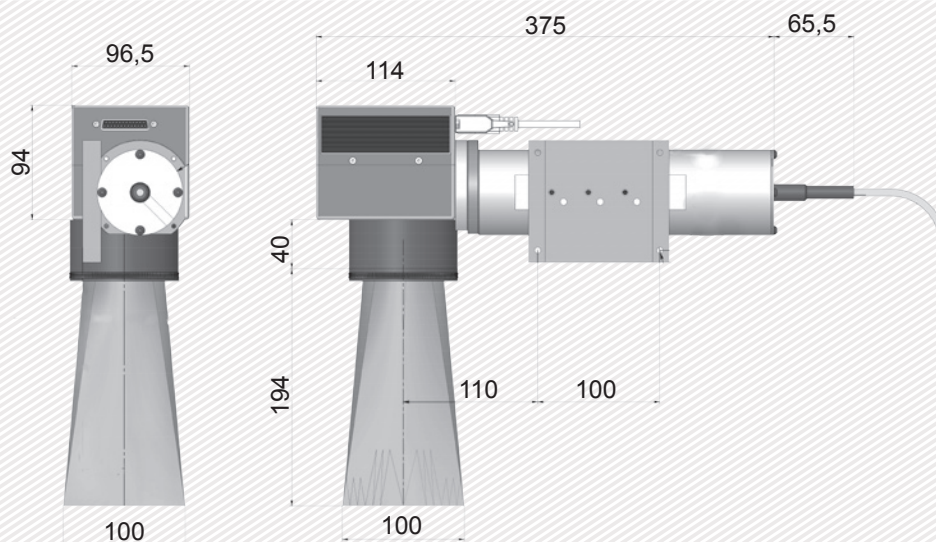


## APPLICATIONS



# 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                                                                                                 |
| Pulse duration | from 2 ns to 200 ns                                                                                                |



# FIBER UNIT CONTROLLER



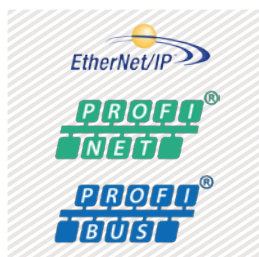
- + Control of digital axis (linear or rotating)
- + Laser driven by «SIC LASER» software
- + USB interface, Windows environment

- Operating method: pulsed (variable frequency)
- Consumption: 750 W
- Wavelength: 1 064 nm
- Average power: 20 W (other, please contact us)
- Peak power: 10 kW
- Cooling: air only
- Warranty: 2 year

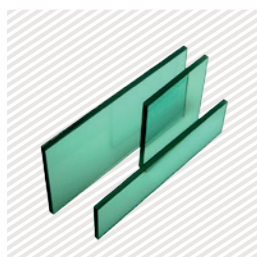
# OPTIONS



Extraction and filtration systems



Communication cards



Protective glass



Integrated vision system



Multi-level marking