

TAGMARK LASER

Laser Marking Workstation – Class 1 with Automatic Tagfeeder

The TAGMARK LASER is a complete automated system that will allow you to simultaneously manage the supply and marking of your tags, on a single workstation, secure and synchronized with your own data.



- Laser marking head 20W Class 1
Available in various power capacities
- SIC FACTORY AUTOMATION software included
- 1 or 2 charging route(s)
when dealing with 2 different tag sizes
- Tag container
Ordered stacking in option
- Steel construction chassis

SECURITY

PRODUCTIVITY

COMPETITIVENESS

- ▶ Automatic tags feeding
- ▶ Marking in series (up to 100 tags) or by unit



➔ Powerful Laser Source and Control Unit

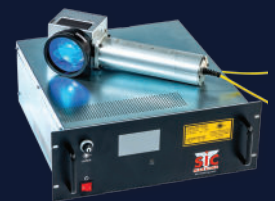
TAGMARK LASER is available in standard or specific mode, as a stand-alone station or integrated to the production line. In standard, TAGMARK LASER is equipped with a laser machine i104 EASY with 20W fiber laser source.*

TECHNOLOGY

- Pulsed fiber laser (variable frequency)
- Power consumption 750W
- Wavelength 1 064 NM
- Digital axis control (linear and rotary)
- Ultra compact : 4U height (177 mm)

PERFORMANCE

- Long component life expectancy $\geq 100\ 000$ h
- Self-diagnostic function
- Air cooled only
- 2-year warranty (optional 5-year warranty)



PILOT

- Configuration by SFA software
- Touch screen HMI
- USB interface, Windows environment
- User-friendly interface with icon navigation

* Other power capacities are available for deeper marking or higher speed. Other sizes and features can be designed and manufactured on request.

→ SIC FACTORY AUTOMATION: an intuitive software

The SFA software offers 3 user profiles, predefined cycles and the possibility to customize your own marking cycle.



By SIC MARKING

DATA IMPORT

quick and simple

- File selection and data entry with a 1D or 2D barcode reader
- Import of marking data: references, variables, quantity of tags
- Database formats: csv, xlsx or xls

MARKING MASK

live preview

- Instant display of the part marking on the screen

3 USER PROFILES

adaptability

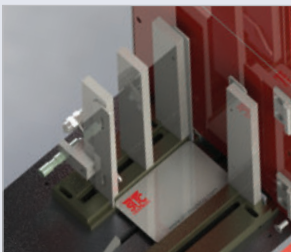
- **Operator:** standard launch of a predefined marking cycle
- **Advanced User:** possibility to modify the marking criteria of a predefined cycle
- **Supervisor:** customization of advanced settings

→ Optimized tags processing

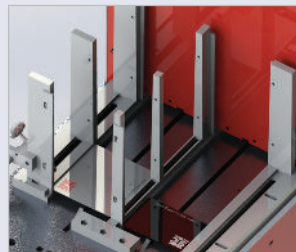


TAGFEEDER

The machine is equipped with one marking route, for tags of the same size, or two routes for two different tag sizes. The standard stacking height is 150 mm.



▶ 1 marking route



▶ 2 marking routes

MARKED TAGS CONTAINER

TAGMARK LASER is equipped with a tag container. A system of tags collection by gravity is proposed in option for an ordered stacking.



▶ Sequentially stacking system



▶ Tag container

TAG SPECIFICATIONS*

| Tag dim. (mm) | Minimum width | Maximum width | Minimum length | Maximum length |
|---------------|---------------|---------------|----------------|----------------|
| 1 route | 12 | 100 | 30 | 100 |
| 2 routes | 12 | Up to 170* | 30 | 130 |

* The combined width of the two tags should not exceed 170 mm. Tags thickness: 0.5 to 2 mm

CONTACT US



Mark today, identify tomorrow