



Mark today, identify tomorrow

SIC FACTORY AUTOMATION (SFA) Software designed with your productivity in mind

Our new laser station control software, SIC FACTORY AUTOMATION, helps you make immediate gains in productivity by simplifying and securing your markings.



PRODUCTIVITY

SIMPLICITY

SECURITY



By SIC MARKING

- ▶ Automated data input
- ▶ Adapts to your production management system
- ▶ User-friendly configurable optimised HMI

SIC FACTORY AUTOMATION allows rigorous management of your process and your marking data, using its **user-friendly interface**, designed for **different user profiles**.

→ Control software 100% tailored to your needs

COMPLETE, FLEXIBLE SOFTWARE

- 3 differentiated access levels tailored to your organisation (operator - advanced user - administrator)
- Preconfigured settings based on the user profile
- Customisable settings



2 OPERATING MODES UNIT OR BATCH

- Manual or database mode



EASY MARKING EXECUTION

- Clear, streamlined display with workpiece marking preview
- Simple, step-by-step instructions and software locking to protect your data
- No specific laser expertise required

SFA IS COMPATIBLE WITH ALL OUR STANDARD AND CUSTOM LASER STATIONS



The new SFA interface offers 2 operating modes

Regardless of the user profile, SFA is used in MANUAL or DATABASE mode.

3 possible user profiles:



Administrators configure the laser station and the software. They create cycles, assign them to advanced users and/or operators and provide access.

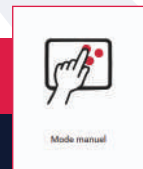


Advanced users configure the database (incrementation, timestamping, add/merge fields) and have access to specific cycles (for maintenance purposes for example).



Operators select the marking to be carried out, enter variables and can select the cycles available.

→ "MANUAL" mode

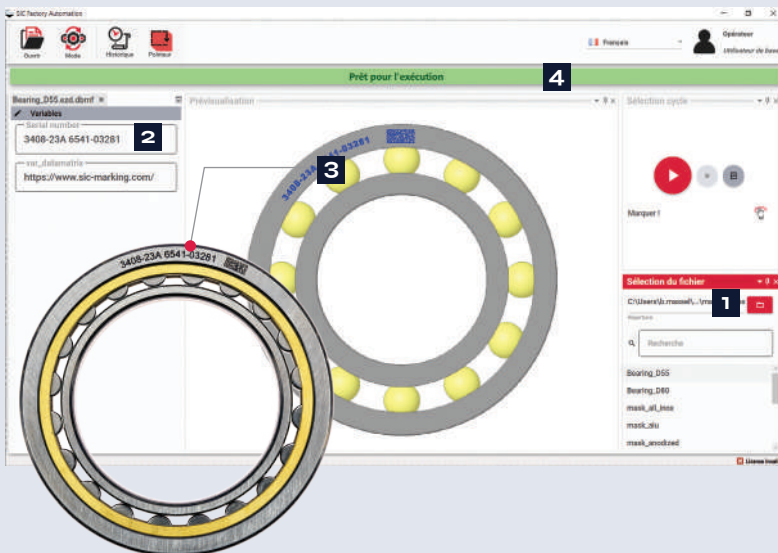


Unit workpiece marking with manual keyboard or scanned input

SFA is designed to guide the operator step-by-step through the manual marking process.

- ▶ Extremely simple to use
- ▶ Step-by-step operator instructions
- ▶ No risk of errors

→ Example of manual marking of a mechanical workpiece from a limited series production



- 1 Marking file selection by scanning a barcode.
- 2 Marking data input (text, variable).
- 3 Preview of marking on workpiece & launch of marking cycle.
- 4 Completion of marking with step-by-step display for the operator (door opening - workpiece positioning - door closure - marking X/10 - Removal of workpiece).

→ "DATABASE" mode



Batch workpiece marking

In this mode, SIC FACTORY AUTOMATION offers

- easy data imports
- automated management of your markings
- customisable settings based on user access rights

- ▶ Marking log management
- ▶ No software development time (predefined cycles)
- ▶ Reduced development-specific costs: cycles can be customised in SFA

→ Example of batch marking using a Work Order (WO)

(on laser station equipped with motorised axes)

The screenshot displays the SIC Factory Automation software interface. The main window shows a table of work orders (WO) with columns for n°OF, Type de Marquage, Quantité, Champ 3, Champ 4, Hauteur, Pos X, and QR CODE. The table is filtered to show only WO starting with 'CF00001'. The 'Cycle selection' panel on the right shows options for manual data input, selected line marking, and full database marking. A preview window shows a 3D model of the workpiece with a red dot indicating the marking position.

n°OF	Type de Marquage	Quantité	Champ 3	Champ 4	Hauteur	Pos X	QR CODE
1	CF00001	JOB1	1	2574896	10301	30	2574896 / 10301
2	CF00002	JOB1	2	2574897	10302	20	2574897 / 10302
3	CF00003	JOB1	3	2574898	10303	50	2574898 / 10303
4	CF00004	JOB1	4	2574899	10304	60	2574899 / 10304
5	CF00005	JOB2	2	2574900	10305	30	2574900 / 10305
6	CF00006	JOB2	6	2574901	10306	50	2574901 / 10306
7	CF00007	JOB2	3	2574902	10307	10	2574902 / 10307
8	CF00008	JOB3	1	2574903	10308	10	2574903 / 10308
9	CF00009	JOB3	1	2574904	10309	30	2574904 / 10309
10	CF00010	JOB3	7	2574905	10310	20	2574905 / 10310
11	CF00011	JOB3	8	2574906	10311	50	2574906 / 10311
12	CF00012	JOB3	9	2574907	10312	60	2574907 / 10312
13	CF00013	JOB1	1	2574908	10313	30	2574908 / 10313
14	CF00014	JOB1	2	2574909	10314	50	2574909 / 10314
15	CF00015	JOB1	3	2574910	10315	10	2574910 / 10315
16	CF00016	JOB1	4	2574911	10316	10	2574911 / 10316
17	CF00017	JOB2	2	2574912	10317	30	2574912 / 10317
18	CF00018	JOB2	6	2574913	10318	20	2574913 / 10318
19	CF00019	JOB2	3	2574914	10319	50	2574914 / 10319

- 1 The administrator imports their database.
- 2 The operator logs into SFA.
- 3 The operator scans the WO barcode with a barcode scanner. The corresponding WO is highlighted on the display and the marking is previewed on the screen.

- 4 The operator follows the instructions to perform the marking cycle. SFA moves the motorised axes to the correct coordinates and marks the corresponding data.

→ SFA is compatible with all SIC MARKING laser stations



By SIC MARKING

L-BOX

- Easy to use for operators not specialised in laser marking
- Secure manual door



H-BOX

- Top or side loading of workpieces for labelling
- Horizontal or lateral marking capability



XL-BOX

- Automatic door (compatible with robotic arm)
- Easily Integrated into production lines



TAGMARK LASER

- Marking station with integrated panel loader
- Secure all-in-one workstation

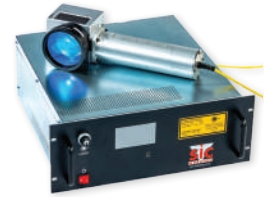


XXL-BOX

- Station specifically designed for large-scale workpieces (up to 520 mm in height)
- Three widths available (800 mm, 1200mm and 1600 mm)



SFA is also compatible with our CUSTOM LASER machines and with most of our options.



→ Marking solutions tailored to your needs



According to the workpiece material, shape or volume, or the required type of marking (1D, 2D and alphanumeric).

CONTACT US



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