+ HIGH PERFORMANCE
- Light marking with piston Ø30
- Deep marking with piston Ø50
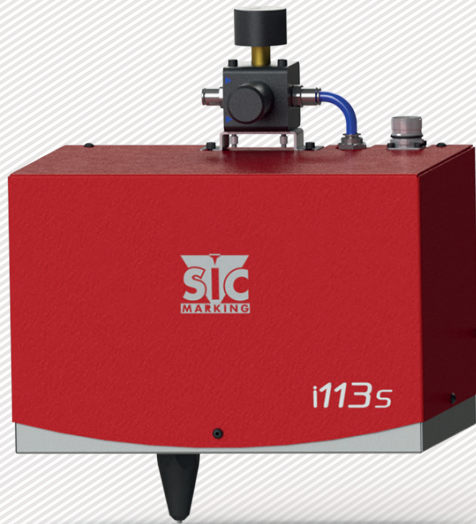
+ SIMPLE AND EASY TO USE
- Ideal for integrations
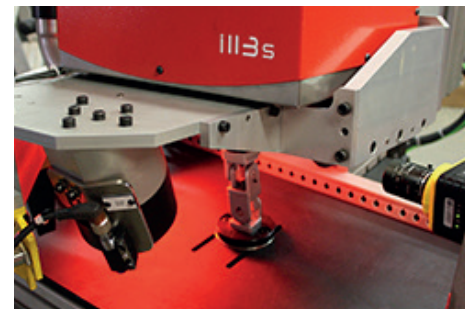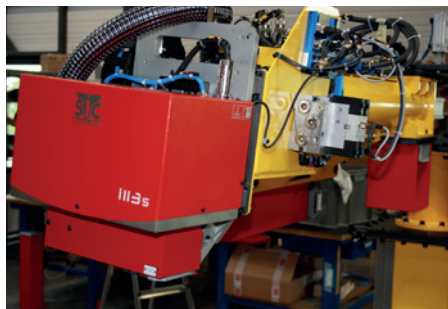- Robotic cable removable
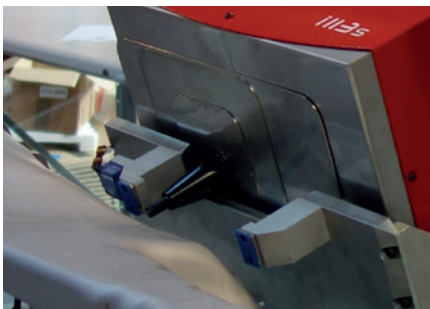- Quick pneumatic connection

+ ROBUST AND RELIABLE
- Protected by metal bellows
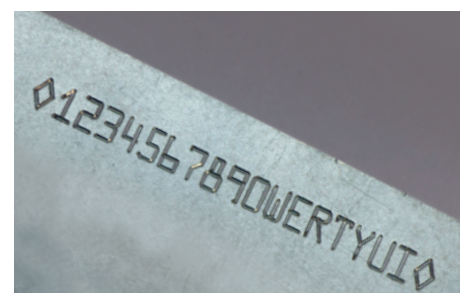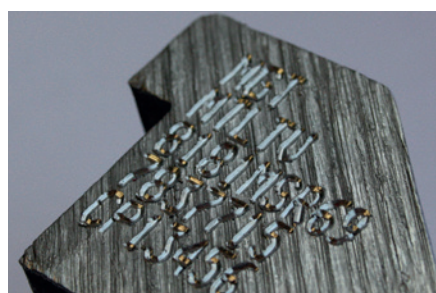- Designed for intensive use in industrial environments

+ EXTREMELY QUIET MARKING
- Air supply
- Specific mechanics to reduce noise

APPLICATIONS

SCRIBING MARKING EXAMPLES

TECHNICAL & MECHANICAL FEATURES
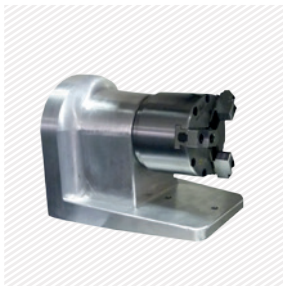
	e10 i113s (Ø30 - Ø50)
Marking window	110 x 60 mm - 4.3 x 2.4 in
External dimensions	230 x 300 x 365 mm - 9 x 11.8 x 14.4 in
Weight	17,5 kg - 37.5 lbs
Stylus	Carbide or Diamond Tip
Machine / controller cable length	5 m - 16.4 ft (10 m - 32.8 ft and 15 m - 49.2 ft optional)
Air supply	6 bars

365 mm

300 mm

230 mm
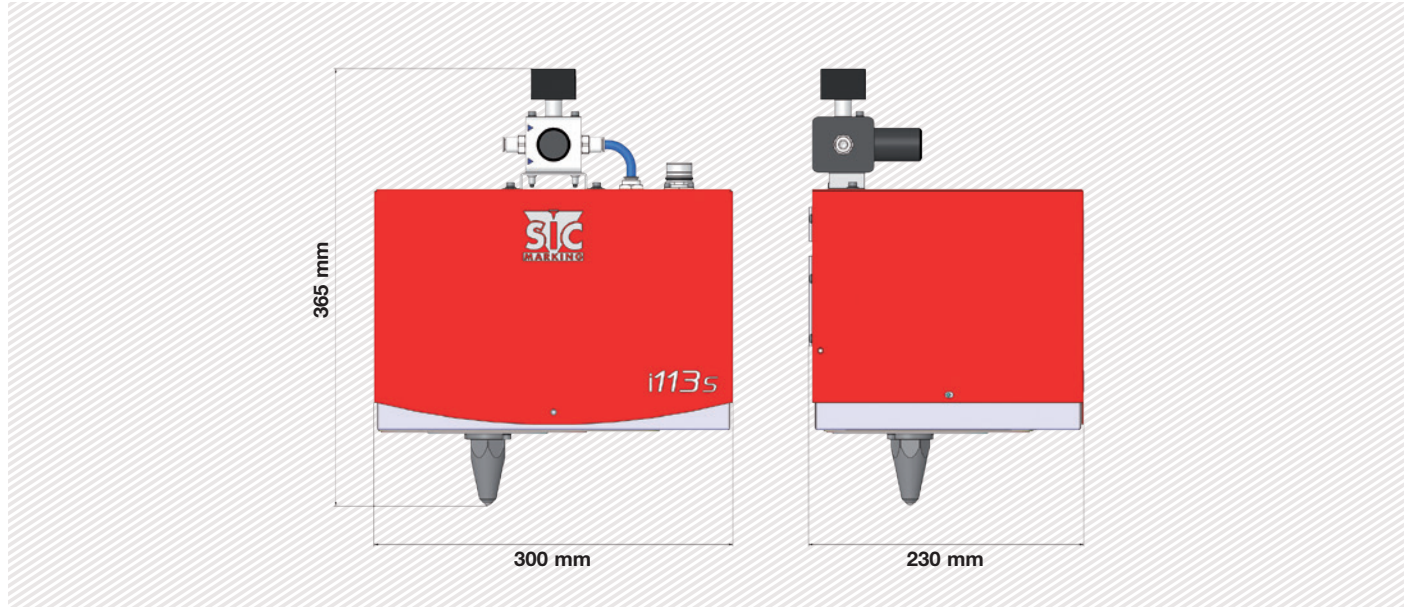
OPTIONS

Large capacity rotary axis

3rd / 4th axis management card
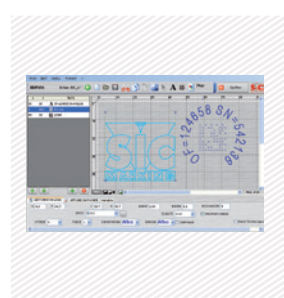
Column base

DIN rail kit for e10R controller

Wireless barcode reader

PC software

Maintenance kit

Wide range of stylus

Please consult us if a specific configuration is not published in the table attached. SIC Marking designs customized and turnkey solutions for all industrial sectors. Our design offices produce machines in compliance with your specifications and your industrial standards.

E10 CONTROL UNIT

The e10 controller

- USB Port: to easily upload / download your marking files
- Fully programmable
- Standalone (no PC needed)
- Membrane protected industrial Keyboard
- IP40 waterproof box (no opening or fan)
- Communication Cards - I / O

+ Color screen

+ USB Port

+ Multiple connectivities

+ PC software and utilities

Technical & electronic features

| e10 Controller	
Dimensions	322 x 380 x 112 mm - 13.7 x 15 x 4.4 in 140 x 380 x 222 mm - 5.5 x 15 x 8.7 in with DIN rail kit option
Weight	5 kg - 11lbs
LCD screen resolution	480 x 272 pixels
Keyboard	Qwerty integrated, protected by membrane
Power	300 Watt
Power supply	Single phase, 85 to 260 VAC, 50 to 60 Hz
Controlled axes	2 (optional 3rd / 4th axis card)
Operating temperature	From 5 to 40°C

Communication	
Communication ports	RS232, RS422, USB, RS485 Profibus,TCP/IP, Ethernet/IP
Inputs-outputs	8/8
External keyboard input	USB
PC software	Creation of marking files, transfer controller / PC or USB key

Optional communication cards:

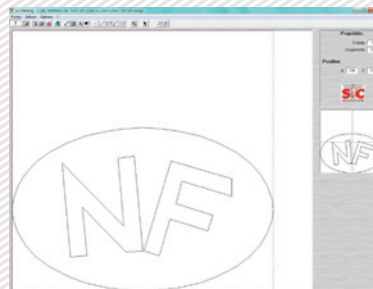Ethernet TCP EtherNet/IP PROFINET® PROFIBUS®
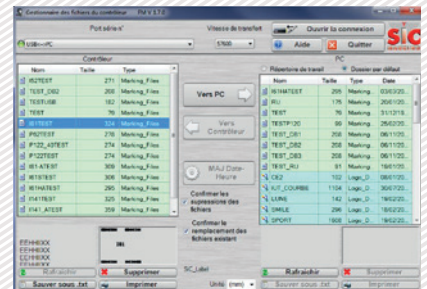
PC UTILITIES

File editor
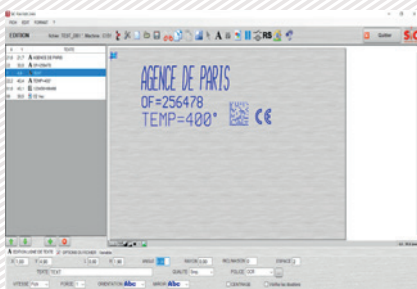
+ Creation or modification of files on PC.

Creation of logos

+ Creation of vector and matrix logos.

Creation of logos

+ Backup and file transfer utility.

E10 RANGE SOFTWARE

Software features

|	
Text function	Incrementation, date codes
Logos	Download from a PC or USB key
Datamatrix	Up to 348 characters, 48 x 48 dots
Fonts	Arial, Comic, Comic_B, Courier, OCR, OCR_BOLD, OCRA, 4x6
Style	Angular, Radial, Inverse, and Mirror
Character Size	From 0,1 mm to 99 mm (limited following marking window)
Depth	Up to 0,3 mm (according to the material)
Resolution Between Dots	0,05 mm MAX
Password	2 security levels
History function	Exportable Excel file
Help with maintenance	Auto diagnosis
Available languages	17

Graphic view

Edit menu

PC software for directly controlling the marking machine.
Available functions:
- Editing of marking files
- Input / output management
- History function and anti duplicates
- Datamatrix ECC200 and UID
- ...

OPTIONAL WINSIC SOFTWARE

WINSIC is a PC software for direct control of the marking machine.
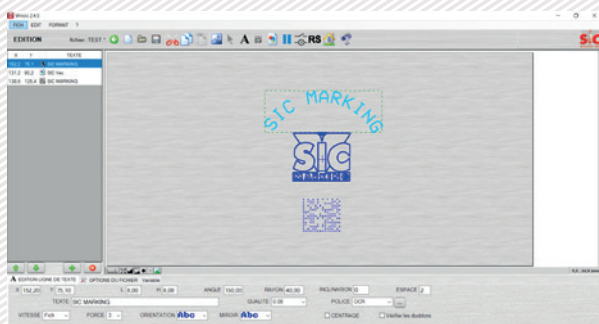
+ Built-in logo design utility

+ Database Management (Excel, Access, txt)

+ Insertion of background images