



Integrated systems

Scribing marking heads



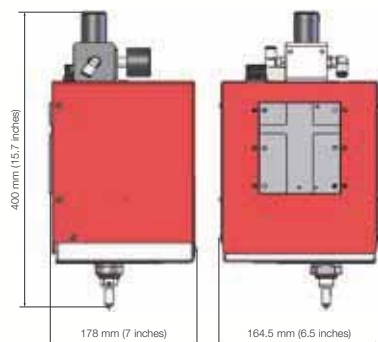
e8 RANGE

e8-i61s

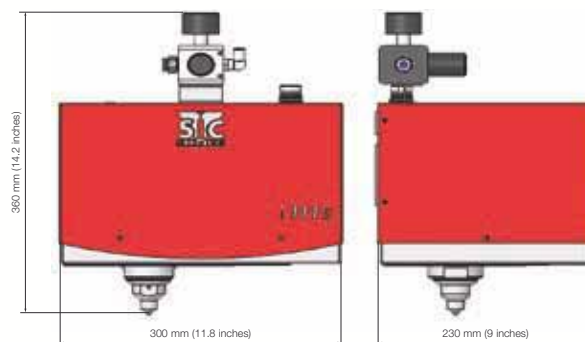
e8-i111s



e8-i61s



e8-i111s



Low cost of ownership:

- No consumables
- No maintenance required

Robust and reliable:

- Fully enclosed system
- Protection bellows
- Designed for heavy use in industrial environments

Wide range of options

High performance:

- High marking quality (carbide or diamond stylus)
- Marking depth
- High speed
- Powerful integrated software

Simple and user-friendly:

- Extremely quiet
- Straightforward integration
- Removable robotic cable
- Simple programming

MECHANICAL TECHNICAL FEATURES

	i61s	i111s
Marking window	60 x 30 mm / 2.4 x 1.7 inches	110 x 60 mm / 4.3 x 2.4 inches
Weight	11.8 Kg / 26 lb	17 Kg / 37.5 lb
Robotic cable	5 m / 196.8 inches (option 10 m / 393.7 inches and 15 m / 590.5 inches)	
Stylus	Carbide or diamond tip 60 mm / 2.36 inches	
Air supply	6 bars	6 bars

OPTIONS



Column



Rotary axis (for light marking)



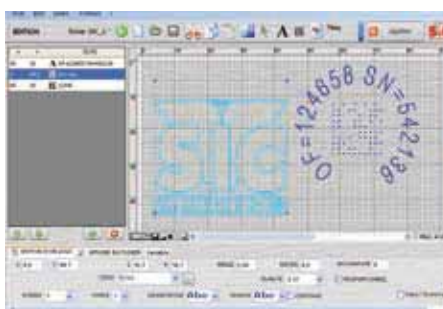
Deep marking



Stylus and guides



Maintenance kit



PC-based software



e8



e8c

- Fully programmable
- Angular and circular marking
- Historical and auto diagnostic functions (maintenance help, configuration and statistics)
- Standalone operation (no PC required)
- Industrial membrane keyboard
- Fully enclosed controller (IP40)
- Large graphical screen

ELECTRONIC TECHNICAL FEATURES

	e8	e8c
Dimensions (d x l x h)	322 x 413 x 112 mm / 12.7 x 16.2 x 4.4 inches	223 x 413 x 112 mm / 8.8 x 16.2 x 4.4 inches
Weight	5.4 Kg / 11.9 lb	4.9 Kg / 10.8 lb
LCD screen	115 x 65 mm / 4.5 x 2.5 inches	-
Keyboard	Qwerty integrated, membrane overlay	-
Power	300 Watt	
Power supply	Single phase, 85 to 260 VAC, 50 to 60 Hz	
Number of controlled axis	2 (3rd and 4th axis optional)	
Operating temperature	From 5 to 40°C / 40 to 105°F	

Software

Marking files	Up to 2000
Memory	512 Ko
Alphanumeric characters	Serial number, date coding
Logos	Download from PC
Fonts	Arial, Courier, OCR, OCRA (custom fonts optional)
Style	Angular, radial, inverse, mirror
Speed	Up to 5 characters/sec.
Character size	From 0.1 mm / 0.004 inches to 99 mm / 4 inches (restricted by marking window size)
Impact force	9 adjustable levels
Depth	Up to 0.5 mm / 0.02 inches on metals (depending on material marked)
Resolution between dots	0.05 mm / 0.002 inches
Maximum stylus stroke	Up to 9 mm / 0.35 inches
Work shift management	10 shifts
Password protection	3 security levels
Historical function	Available by password
Maintenance assistance	Auto diagnostic component
Software	15 languages

Communications

Ports	RS232, RS422, USB (RS485 and TCP/IP Ethernet optional)
Inputs/Outputs	16
External keyboard input	MINI DIN
External output	5 V - 0.5 A and 24 V - 0.5 A
Logos	Logo creation and transfer software
File backup on PC	Controller/PC transfer software
Database link	Optional

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PERMANENT MARKING



CONVENTIONAL MARKING



DOT PEEN



SCRIBING



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