

New e10 R controller



Performance

- Fully programmable
- Cutting edge Microprocessor: quick start and smooth browsing
- Marking history and auto diagnostic functions
- Standalone operations (no PC required)

Versatility

- 100% compatible with the previous machine generation
- An ideal controller for the Integrated range

Easy to integrate

- Compact : reduced volume
- Adaptable : connectors can point upwards or downwards

All marking types

- Datamatrix codes
- Angular and circular texts
- Alphanumeric marks
- Logos, images...

Robustness

- Industrial membrane keyboard
- Fully enclosed controller (IP40): no openings or fans

FOCUS ON THE e10 R SPECIAL FEATURES



Color screen



USB connection on the front panel : for simple transfer of marking files



Full connectivity : suited to adapt to different communication protocols (some are optional)

MARKING EXAMPLES



Datamatrix - Dot peen



D Axis logo - Dot peen



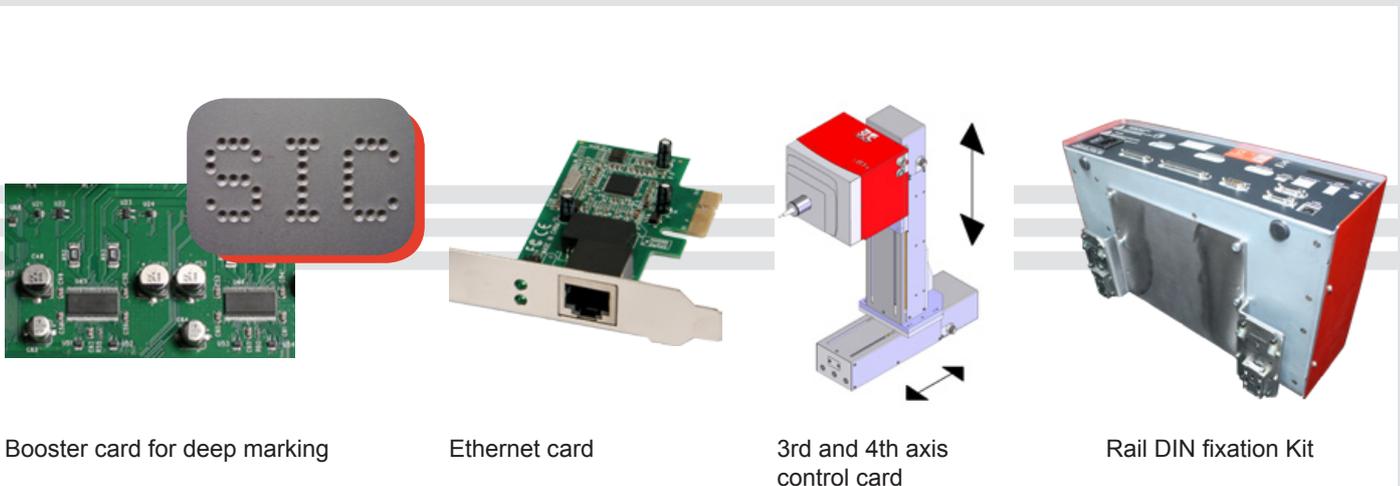
Alphanumeric - Scribing

ELECTRONIC TECHNICAL FEATURES

e10 R	
Dimensions (d x l x h)	112 x 380 x 222 mm (4.4 x 15 x 8.7 inches)
Dimensions with Rail DIN fixation kit (d x l x h)	140 x 380 x 222 mm (5.5 x 15 x 8.7 inches)
Weight	5 kg (11 lbs)
LCD display	95 x 54 mm (3.7 x 2.1 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	
Memory	7110 Ko
Alphanumeric characters	Serial number, date coding
Logos	Download from PC or USB Memory Stick
Data Matrix	Up to 348 characters, 48 x 48 dots
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 (depending on material marked)
Resolution between dots	0.05 mm / 0.002 inches
Work shift management	10 shifts
Password protection	3 security levels
Historical function	Available by password
Maintenance assistance	Auto diagnostic component
Software	15 languages
COMMUNICATION	
Ports	RS232, RS422, USB (RS485 Profibus and TCP/IP Ethernet optional)
Inputs/Outputs	8/8
External keyboard input	USB port
External output	5 V – 0,5 A and 24 V – 0,5 A
Logos	Logo creation and transfer software or USB Memory Stick
File backup on PC	Transfer software or USB Memory Stick

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OPTIONS AND ACCESORIES



Booster card for deep marking

Ethernet card

3rd and 4th axis control card

Rail DIN fixation Kit



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