



Scribe marking

FAST / DEEP





User's benefits

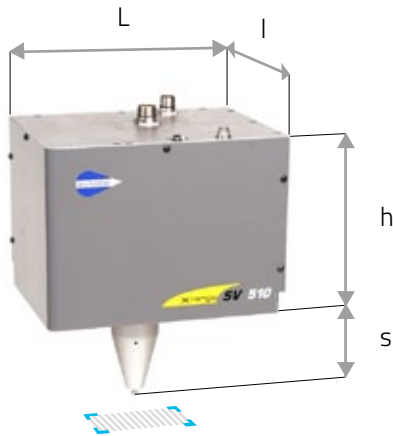
- Deep marks that cannot be falsified
- High marking legibility
- Reduced integration costs
- Minimal running costs
- Close technical support

Deep marking solution

HIGH PERFORMANCE	EASY TO INTEGRATE	INDUSTRIAL
<p>Fast Less than 10 seconds to mark 19 characters of 7 mm (V.I.N. marking)</p> <p>Powerful Very deep marking on an extensive range of materials, from plastic to hardened steels</p> <p>Silent Answer to the lowest noise level requirement</p> <p>Quality Scribing technology generates perfect continuous characters. A clean mark without any burrs</p> <p>Flexible Consistent mark on a wide range of surfaces, from hardened to very irregular</p>	<p>Compact The SV510 marking system is designed for industrial integration on assembly and automatic production lines</p> <p>Orientable Marks in all positions, vertical, horizontal or any other angle required by the application</p> <p>Independent The control unit manages the marking head without requiring a PC</p> <p>Interactive Comes standard with all the necessary connections, it allows data sending / receiving and integrates easily in any production process</p>	<p>Sturdy construction Designed for industrial environments, even the harshest conditions</p> <p>Cost-effective Minimal maintenance and consumables</p> <p>Proven Technifor systems have equipped worldwide production lines for more than 25 years</p>

"The best marking **speed to depth** ratio"

Technical characteristics



L	321
l	245
h	239
h+s	365

Dimensions in mm



Marking area: 120 x 40 mm

- Integrable marking head: 2 mounting faces
- Cord orientation: vertical or horizontal (90° adapter)
- Stylus range: carbide or diamond points



24 kg



≥ 2 mm

TIF, 2D, 3D drawings, integration guides... available on request

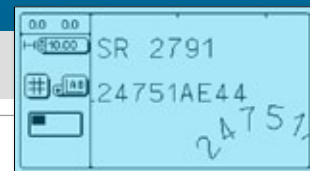
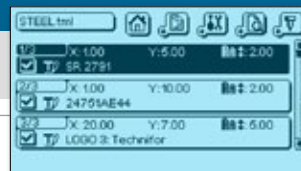
UC500SV control unit



4U 19"



9 kg



Integrated marking program

- **User-friendly T05 software** with icons and pop-up help
- Wide 5.7" **backlit screen** with **graphic preview**
- **Multiple marking data management**: texts, logos, variables, date and time, codes, counters, serial numbers, 2D codes, etc.
- Flat, angular, radial marking, etc.
- Memory capacity **for over 1 000** marking files

- RS232, Ethernet TCP/IP (Telnet) **connections** and Input/Output
- **USB** drive for logos, fonts, files... import/export
- **Communication** with customer environment: data reception, link to databases, information exchange, etc.
- **Flexible control**: linked to a PC, PLC or on its own
- **Multilingual** and **multi-keyboard**
- External keyboard (provided)

Environment and power supply



- Power: 1100 VA
- Power supply: 230 V AC
- Air pressure: 2 to 6 bars (29 to 87 psi) non-lubricated dry air
- Functioning temperature: +5 to +45°C



Safety and protection

The machine conforms to the following directives:

- "Machinery" 2006/42/EC
- "Electromagnetic compatibility" 2004/108/EC
- "Low voltage" 2006/95/EC
- "WEEE" 2002/96/EC

Accessories



Protective boot



Protective mobile shutters

Standard and robotic cords
(3, 6, 10, 15 m)

Data Matrix™ code readers



2 sets of 90° adapters

Applications

Designed for high performance, the SV510 offers durable, high legibility marks for a large range of applications.

+ V.I.N. number marking

Permanent marking on frames, body and chassis
(auto, moto, cycle, truck, trailer...)

+ Deep marking on structural iron, beams, tubes, valves, joints...

The mark can be covered by a paint coating, anodization or other treatment without any effect on its legibility.

+ 2D Data Matrix™ code marking

Automated traceability of engine block, shock towers...

The solution for deep marking



Automotive
Motorcycle & cycle
Agricultural equipment
Building
Off shore
Nuclear
Iron and steel
Oil and gas
Heavy vehicles
Military equipment
...



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