



Scribe marking

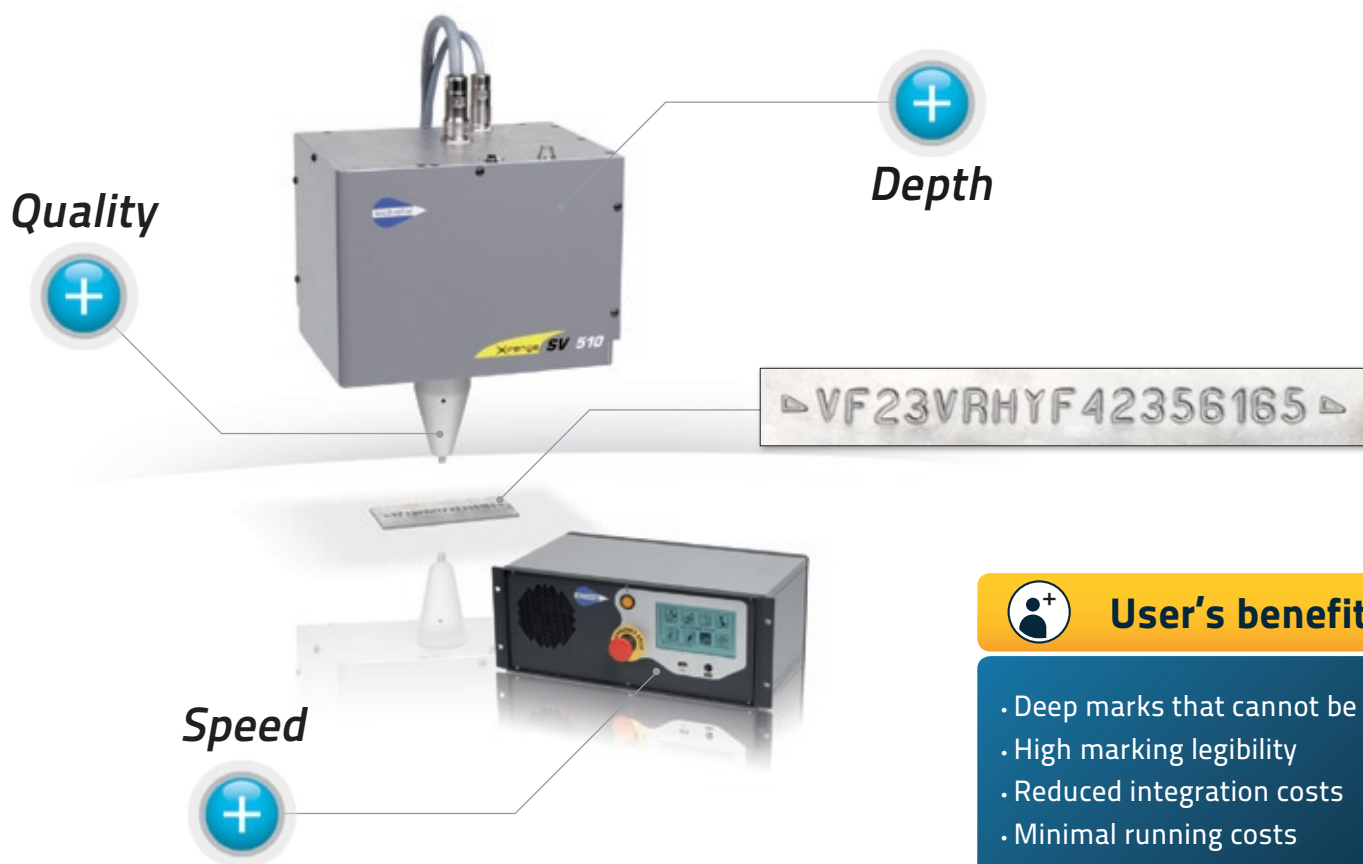
FAST / DEEP



X-range SV510

Scribing





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

Fast

Less than 10 seconds to mark 19 characters of 7 mm (V.I.N. marking)

Powerful

Very deep marking on an extensive range of materials, from plastic to hardened steels

Silent

Answer to the lowest noise level requirement

Quality

Scribing technology generates perfect continuous characters. A clean mark without any burrs

Flexible

Consistent mark on a wide range of surfaces, from hardened to very irregular

EASY TO INTEGRATE

Compact

The SV510 marking system is designed for industrial integration on assembly and automatic production lines

Orientable

Marks in all positions, vertical, horizontal or any other angle required by the application

Independent

The control unit manages the marking head without requiring a PC

Interactive

Comes standard with all the necessary connections, it allows data sending / receiving and integrates easily in any production process

INDUSTRIAL

Sturdy construction

Designed for industrial environments, even the harshest conditions

Cost-effective

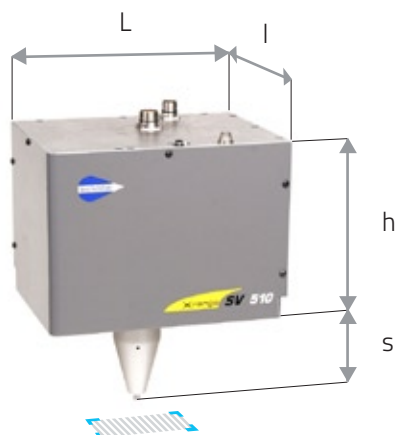
Minimal maintenance and consumables

Proven

Technifor systems have equipped worldwide production lines for more than 25 years

"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

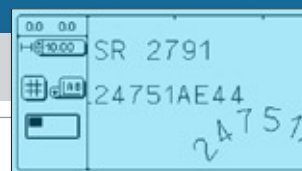
UC500SV control unit



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
...



GravoTech Marking SAS

114, quai du Rhône | F-01708 MIRIBEL Cedex

Tel: +33 (0)4 78 55 85 52 | Fax: +33 (0)4 78 55 85 54

tf@technifor.com



www.technifor.com

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