Scribing

Integrable marking and traceability solutions

SCRIBING SOLUTION
XF510

www.technifor.com
Combining speed, precision and quality, the XF510r solution offers permanent marking directly into the base material. The technique of scribing is a very quiet process, even on high-resonance materials (within the hollow part and sheet metal).

Easy to integrate into a production line, the XF510r machine guarantees sharp, legible and precise marking on any part, from the hardest steel to the most fragile finished product.

The ideal solution for 2D DataMatrix™ codes:
This kit allows for perfect marking of codes and text in record time.

INDUSTRIAL
High precision linear guides combined with robust mechanics guarantee unfailing stability and a high degree of marking repeatability.
With unrivalled scribing speed the XF510r range offers a very high performance, and does not require any consumables. Compact and robust, it can be used in the harshest of industrial environments and can be integrated at any angle and in any position.

POWERFUL
Position, power and speed are configurable for perfect marking uniformity.
From light scribing on plastics and slender parts to deep marking on steel, before or after treatment (painting, sanding, shotblasting etc.). The XF510r range adapts to the mechanical properties of each individual part.
**EFFECTIVE TRACEABILITY SOLUTION**

Complete with all identification and traceability functions, the T05 software controls the marking head, either completely stand-alone or connected to a PLC. It communicates with your databases and processes the information received by code reading (barcodes, DataMatrix™ codes etc). Extremely useful for VIN marking, it offers anti-duplication verification prior to marking (optional).

**SIMPLE TO USE AND EASILY INTEGRATED**

With its embedded communication tools and pre-programmed functions, the XF510r can be readily integrated into automated assembly and production lines, for minimised integration time and costs. Its flexibility makes it easy to fix to a workshop column or workstation for stand-alone working or connected to a PC.
Applications

- Permanent identification of each individual part: serial number, reference number, manufacturer's name, logo, date, 2D code Datamatrix™, QR code etc.

- Deep marking: durable result, unaffected by finishing operations, painting, contaminants etc. Counterfeit, control, VIN marking.

- Complete traceability system: marking, codes reading, data recording.

- Compliance with standards: CE marking, country of origin, organisation number, automotive standards, manufacturer's plates etc.

Automotive
Aircraft
Mechanics
Metallurgy
Plastics industry
Motorbikes and cycles
Oil and gas
Agricultural equipment
Construction Identification plates
...

Certified sites:
France: Gravotech Marking SAS
China: Gravotech Engraving Equipment Co., Ltd.