



Controlled by T05 software (included)

Integratable
solutions for
pneumatic
micropercussion
marking

RANGE **XF510^P**

RANGE XF510^P

FAST, EFFICIENT, RELIABLE

Marking by micropercussion is a highly reliable industrial technology requiring no consumables. This process offers permanent, tamperproof marking with no removal of material.

The extremely compact integratable XF510p range achieves superior performances in terms of marking speed and quality.

User benefits:

- Productivity gain
- Reduced integration costs
- International technical support
- Ease of use
- Over 30 years of micropercussion know-how



Each solution comprises a marking head, a control unit and the T05 control software.



Our focus: the S52 stylus

Boasting unrivalled vibration frequency, this stylus delivers double the marking speed of other machines available on the market whilst maintaining high-quality marking.

Control unit

The UC500 control unit drives all the 5th generation Technifor marking heads.

Its powerful electronic system offers over 20 advanced functions, thus allowing the marking of all types of data: fixed, variable, angular, radiating text, personalised logos and fonts, Data Matrix, QR Code, Excel/Access database link and memory storage capability for over one thousand marking files.

Totally connected with your environment, the UC500 is the most communication-capable control unit on the market: RS232, USB, Ethernet TCP/IP, Profinet/Profibus Protocol ports, 8 In/4 Out card. This advanced connectivity provides easy integration into all production lines.

A solution for every application

XF510Dp

For the largest dimension marking operations

marking area: 200 x 80 mm

↕ 319 x 237 x 146 mm

XF510Sp

The multi-functional solution

marking area: 100 x 80 mm

↕ 219 x 237 x 146 mm

XF510Cp

A readily integratable light and ultra-compact head

marking area: 50 x 20 mm

↕ 136.4 x 86.7 x 113.7 mm



Accessories

A full selection of accessories:

- The biggest range of styluses
- Height adjustment system for simplified integration
- Mobile shutters and protective boot
- T500W marking programme in Windows®
- Head-CCU lead up to 15 m standard or robotic
- Motorised Z axis
- Adaptation support for head orientation
- Workpiece rotation systems
- Column stand
- Barcode, 2D code etc. reading camera.

Marking heads

Developed by Technifor, the inventor of micropercussion marking, the 5th generation XF510p heads are the fastest on the market.

They offer reliability that has been proven in various industries and cope with the challenges of the most stringent and intensive environments. Robust by design, these permanent marking solutions are particularly adapted to high production rates.

Compact, they are installed and integrated very easily into the production line, turntable or into an existing unit etc.

Equipped with carriages with fast and accurate movement, they produce outstanding marking quality on all types of material, even at very high speed.





The XF510p range enables the marking of all type of parts, shapes and surface finishes.

- Marking of serial numbers, dates, variables, counters etc.
- Traceability of all types of parts: Data Matrix codes™, QR Codes
- Product identification: references and logos
- Use at the output of machining centres (mechanical parts, keys, aluminium cases etc.)
- Integration into a production line
- Marking of all materials up to 62 HRC

Automotive
Steel construction
Military & Armaments
Aircraft manufacturing
Railway construction

Lifting equipment
Public and industrial equipment
Mechanics
Plastics industry
Metallurgy, Metalwork



GRAVOTECH MARKING SAS

466, rue des Mercières
69140 RILLIEUX LA PAPE
Tél : +33 478 558 552
Fax : +33 478 558 560
tf@technifor.com