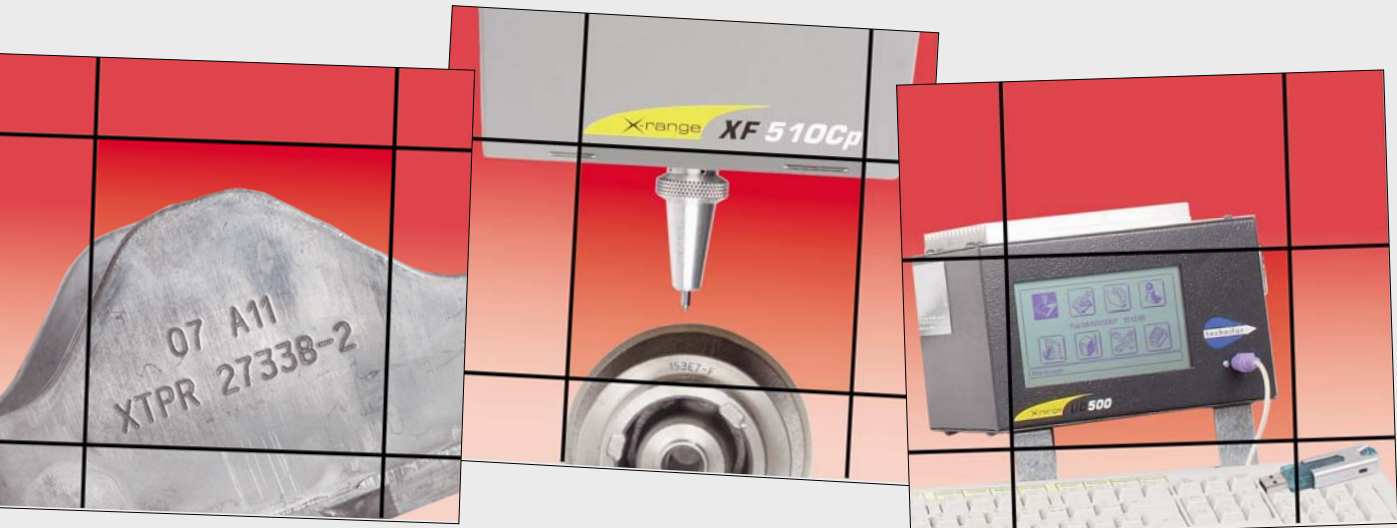


X-range

# Micro-Percussion Marking Machines



## XF510

XF510 Cp  
Pneumatic

X-tra Fast, X-tra Small



A MARK WHICH DEFIES TIME

10 characters within  
1 second!

# Industrial Traceability

## XF510Cp Marking Head

An extremely compact machine for unsurpassed speed and quality performance.

### QUICK

- Twice as fast as current machines: 10 characters in 1 second!
- The right solution for a fast-paced production environment.

### EFFICIENT

- Speed and marking quality for identification of any type of material.
- Optimized marking area: 50x20mm (2" x 3/4").



### COMPACT

- **Ideal dimensions** for integration on a production line, a rotary table or in an existing unit.
- **Lightweight:** only 2.3kg (5lbs) for assembly on a robotic or articulated arm.



### INDUSTRIAL

- Simple to install.
- **Sturdy:** adapted for intensive use in an ever-demanding industrial environment.
- **Proven:** 25 years of reliability with Technifor's micro-percussion technology.



### Product Highlights

- Reduced integration costs
- Increased productivity
- Easy and user-friendly programming
- New communication tools
- Tech support in every country

## UC500 Control Unit

A new generation of electronics with user-friendly and innovative functions.



### INTUITIVE

- **Easy to use:** TOS piloting software with icons and pop-up help.
- A wider screen: for better visualization.
- **Graphic preview:** easy text verification and adjustment.
- **Multilingual and compatible with any keyboard setting.**
- **Single power supply:** for connection in any country.

### INNOVATIVE

- **Backward & forward marking:** for time-saving cycles.
- **USB connection:** flexible and easy for software updates, file, logos and fonts transfers, saving marking files.
- **Ethernet connection.**

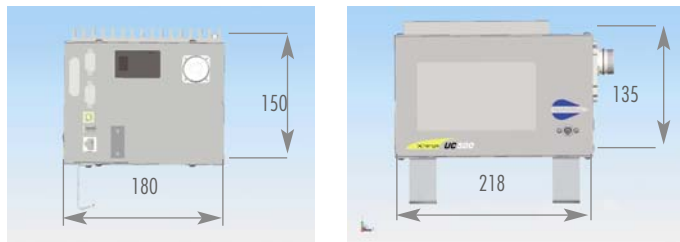
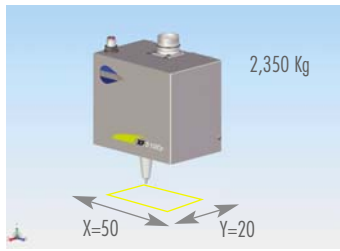
### INTERACTIVE

- Standard equipment: **RS232, USB, Ethernet connections** and **8 Input/4 Output card:** text reception, selection of the file to mark etc...
- **Data to mark** with keyboard reception, bar code reader or other software systems.
- **Communication terminal interface:** gives the start marking, cycle end, cycle stop, machine ready to mark, marking underway information.

### TRACEABILITY-ORIENTED

- **Easy to program:** fixed texts, variables, linear, angular, radial marking etc...
- **High memory capacity** up to 1000 marking files.
- **Flexible control:** independent, with PC or PLC linked.

# Technical Characteristics



Dimensions in mm TIF, 2D, 3D drawings available on request

## XF510Cp Marking head

- Marking area .....50x20mm (2" x 3/4")
- Character height .....from 0.5 to 49.5mm (1/100" to 2")
- Dimensions without connectors (LxWxH) .....136.4x 86.7x114.7mm (5.4"x3.4"x4.5")
- Weight ..... 2.35Kg (5.2lbs)

## UC500 Control Unit

- 240x128 pixel screen with graphic visualization
- USB - Ethernet - RS232-8 Input/4 Output card connections
- 105-key external AT (provided) keyboard
- Dimensions without connectors (LxWxH) .....218x180x150mm (8.6"x7.1"x5.9")
- Weight ..... 3.9Kg (8.6lbs)

## Environment and power supply

- Power supply ..... 90 - 230 VAC
- Power ..... 150 VA
- Air pressure .....6 bars  $\pm$ 0,5 (87psi) (non-lubricated dry air)
- Operating temperatures .....+5 to +45°C (41F to 113F)

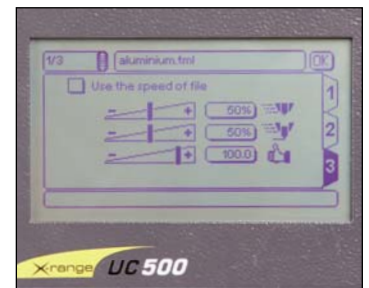
## Safety and protection

In accordance with the following directives:

- "Machine" 98 / 37 / CE
- "Electromagnetic Compatibility" 89 / 336 / CEE
- "Electric Devices" Low voltage 73 / 23 / CEE



Marking File



Speed Settings

# Options and accessories

Protective boot  
Ref: SEOP013/226



Column for XF510Cp  
Code: SEMA001/256  
and Adapter plate  
Ref: SEOP013/225



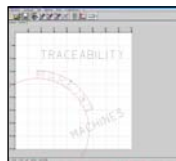
Protective shutters



RS232 cable  
Ref: MCORS109/9



Windows® T500W  
marking software  
Ref: IFIO2/2651



Office footswitch  
Code: SEOP012/11  
Industrial footswitch  
Ref: SEOP011/13



Head-CCU cable  
3m, 6m, 10m, 15m  
(9', 18', 30', 45')  
Ref: MCOLE300/3x



Height setting system  
( $\pm$ 22mm)  
Ref: SEOP013/153



Button box for start  
cycle/emergency stop  
Ref: SEOP013/224



# Applications

XF510Cp is used for marking  
both metallic and plastic parts, of various shapes and sizes.

Xtra Fast

Unsurpassed speed for a fast-paced production



Automobile



Locks and keys



Electronics and Pneumatic

Xtra Small

Ideal dimensions for integration



Mechanics



Metallurgy



Plastic



A MARK WHICH DEFIES TIME

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