

X-range

# Scribing Marking Machines



## XF510r

XF510 Cr  
XF510 Sr  
XF510 Dr

X-tra Efficient, X-tra  
Silent



A MARK WHICH DEFIES TIME

Quality marking  
without the  
noise!

# Industrial Traceability

## XF510r Marking Head

The XF510r scribing solution offers speed, precision and quality without the noise.



### SILENT AND FAST

- Scribing technology: Very silent process, even on the most difficult materials (hollow part, sheet metal...).
- No soundproof enclosure necessary
- Aesthetic result: Clear, legible and precise marking of text and logos
- Excellent marking quality, ideally suited to mark Data Matrix™ codes

### EASY TO INTEGRATE

- Can be integrated for operation in any position
- A range of compact machines
- 3 marking areas available:  
A solution for each application



### INDUSTRIAL

- Tough and reliable guide system: designed to meet fast-paced production rates
- Sturdy construction: used in any type of industrial environment, even in the harshest conditions

## UC500 Control Unit

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



### POWERFUL

- Deep marking: before or after treatment (painting, sandblasting, shot-blasting...)
- Unsurpassed marking speed with scribing systems
- Permanent marking of all types of materials, of any shape

### Product Highlights

- Increased productivity
- Reduced costs
- Ease of integration
- Easy to use
- Deep, permanent and quality marking

### INTUITIVE

- Easy to use: T05 on-board software with icons and pop-up help.
- A wide and backlit screen: for better display.
- Graphic preview:  
easy text verification and adjustment.
- Multilingual and compatible with any keyboard.
- Universal power supply: for connection in any country.

### INNOVATIVE

- Bi-directional marking:  
for time-saving cycles.
- USB connection: flexible and easy for software updates; files; logos and fonts transfers; system back-up.
- Ethernet connection.

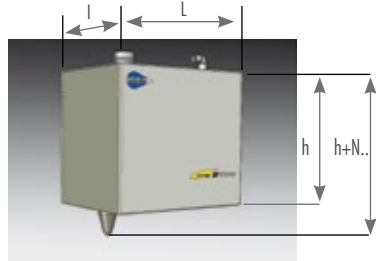
### INTERACTIVE

- Connectivity: RS232, USB, Ethernet connections and embedded 8 Input/4 Output card: data transfer, selection of the file to be marked etc...
- Reception of marking data via keyboard entry, bar code reader or other software modules.
- Communication terminal interface: start marking, cycle complete, cycle stop, machine ready, marking in progress.

### TRACEABILITY ORIENTED

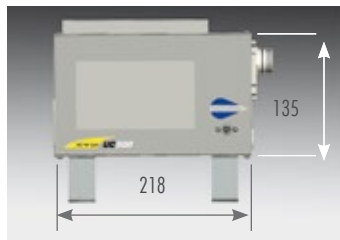
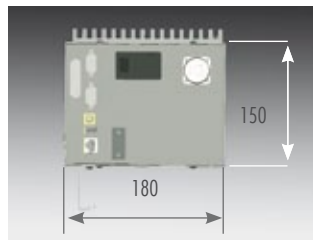
- Easy to program:  
fixed text, variable, angular, radial, DataMatrix™ marking, link to databases etc...
- High memory capacity up to 1000 marking files.
- Flexible control: linked to a PC, PLC or on its own.

# Technical Characteristics



Dimensions	Cr	Sr	Dr
L	182	222	302
l		167	
h		199.5	
h + N1		250	
h + N2		233.5	

Dimensions in mm



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

## XF510Cr / Sr / Dr Marking Head

	Cr	Sr	Dr
Marking area mm	40 x 50	80 x 50	160 x 50
inches	1.57 x 1.97	3.15 x 1.97	6.30 x 1.97
Character height mm	from 0.5 to 49.5	from 0.5 to 79.5	from 0.5 to 159.5
inches	from 0.02 to 1.95	from 0.02 to 3.13	from 0.02 to 6.28
Weight Kg (Lbs)	9 (18)	10 (20)	11.5 (23)

## UC500 Control Unit

- 5.7» backlit screen
- RS232 - USB - Ethernet - on-board 81/40
- External keyboard provided
- T05 integrated marking program (graphical preview)
- Weight: 3.9 Kg (7.8 Lbs)

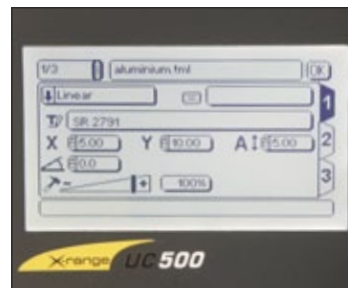
## Environment and power supply

- Power supply: ..... 90 - 230 VAC
- Power: ..... 150 VA
- Air pressure: ..... from 1 to 6 bars (87 psi) (non lubricated dry air)
- Operating temperatures: ..... +5 to +45°C (41F to 113F)

## Safety and protection

In accordance with the following directives :

- "Machines" 98 / 37 / CE
- "Electromagnetic Compatibility" 2004 / 108 / CE
- "Electric Devices" 2006 / 95 / CE
- "DEEE" 2002 / 96 / CE



Marking File



Speed Settings

# Options and accessories

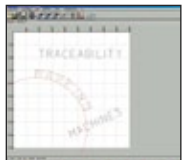
90° elbow connector



Protective shutters



Windows® T500W  
Marking Software



Stylus range



Protective boot  
(except XF510Dr)



UC500 Rack option  
(5U 19»)



Head-UC500 cable  
(3m, 6m, 10m, 15m)  
standard and robotic



Height setting system  
(± 22mm)



Column frame



# Applications

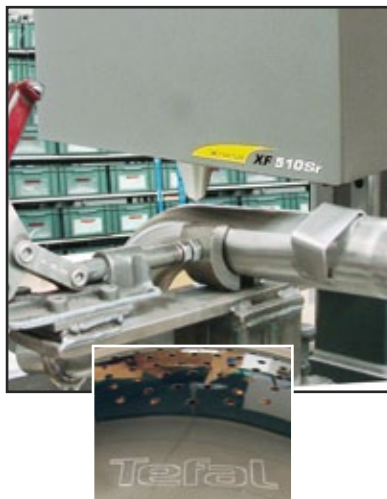
The XF510r range brings a Traceability Solution to each industry sector:  
Automotive, Aerospace, General Engineering, Motorbikes and Cycles, Metal and Plastic processing...

X-tra Silent

The X-Tra marking quality you need...



Text and logo marking  
without noise



Aesthetic marking



Data Matrix™ code marking  
on any type of part

X-tra Efficient

... with the X-tra speed you want



Before paint / After paint  
Deep marking



Integration on production  
line



Car, motorbike, cycle frame  
traceability, VIN numbers ...



A MARK WHICH DEFIES TIME

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