XF510r

XF510 Cr
XF510 Sr
XF510 Dr

X-tra Efficient, X-tra Silent
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.

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

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.

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

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

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.

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

UC500 Control Unit
A new generation of electronics with user-friendly and innovative functions.
**Technical Characteristics**

**XF510Cr / Sr / Dr Marking Head**

<table>
<thead>
<tr>
<th></th>
<th>Cr</th>
<th>Sr</th>
<th>Dr</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Marking area</strong></td>
<td><strong>mm</strong></td>
<td><strong>mm</strong></td>
<td><strong>mm</strong></td>
</tr>
<tr>
<td><strong>inches</strong></td>
<td><strong>1.57 x 1.97</strong></td>
<td><strong>3.15 x 1.97</strong></td>
<td><strong>6.30 x 1.97</strong></td>
</tr>
<tr>
<td><strong>Character height</strong></td>
<td><strong>mm</strong></td>
<td><strong>mm</strong></td>
<td><strong>mm</strong></td>
</tr>
<tr>
<td><strong>inches</strong></td>
<td><strong>from 0.5 to 49.5</strong></td>
<td><strong>from 0.5 to 79.5</strong></td>
<td><strong>from 0.5 to 159.5</strong></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td><strong>9 (18)</strong></td>
<td><strong>10 (20)</strong></td>
<td><strong>11.5 (23)</strong></td>
</tr>
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**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

**Options and accessories**

- 90° elbow connector
- Protective shutters
- Protective boot (except XF510Dr)
- Windows® T500W Marking Software
- Head-UC500 cable (3m, 6m, 10m, 15m) standard and robotic
- Height setting system (± 22mm)
- UC500 Rack option (5U 19”)
- Column frame
- TIF, 2D, 3D drawings, integration guides …available on request

**Marking File**

**Speed Settings**

**Dimensions Cr Sr Dr**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Cr</th>
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<th>Dr</th>
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<tbody>
<tr>
<td>L</td>
<td>182</td>
<td>222</td>
<td>302</td>
</tr>
<tr>
<td>h + N1</td>
<td>167</td>
<td>199.5</td>
<td>250</td>
</tr>
<tr>
<td>h + N2</td>
<td>233.5</td>
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Applications

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

The X-Tra marking quality you need...

Text and logo marking without noise

Aesthetic marking

Data Matrix™ code marking on any type of part

... with the X-tra speed you want

Before paint / After paint
Deep marking

Integration on production line

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

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