Micro-percussion Marking Machines

XF510p
XF510Cp
XF510Sp
XF510Dp

Pneumatic
X-tra Fast, X-tra Small

www.technifor.com
**Industrial Traceability**

**XF510p Marking Head**
An extremely compact range of machines for unsurpassed speed and quality performance.

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**A SOLUTION TO EACH APPLICATION**
- A range of compact machines
- 3 marking areas available
- Easy to integrate for operation in any position

**INDUSTRIAL**
- Simple to install and reliable
- Study: adapted for intensive use in an ever-demanding industrial environment
- Proven: 25 years of reliability with Technifor’s micro-percussion technology

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**FAST AND EFFICIENT**
- Two times faster than current machines: 10 characters in 1 second!
- Speed and marking quality for identification of any type of material
- The right solution for a fast-paced production environment

**PRODUCT HIGHLIGHTS**
- Permanent marking
- Reduced integration costs
- Increased productivity
- Easy and user-friendly
- International tech support

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

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**INTUITIVE**
- Wide and backlit screen
- Piloting software with icons and pop-up help
- Graphic preview: easy text verification and adjustment
- Easy to program: fixed texts, variables, linear, angular, radial, Data Matrix marking, link to databases etc.

**INNOVATIVE**
- Backward & forward marking: for time-saving cycles...
- USB key connection
- Single power supply: for use in any country

**INTERACTIVE**
- Standard equipment: RS232, USB, Ethernet connections and 8 Input/4 Output card
- Data to mark with keyboard reception, bar code reader or other software systems
- Communication interface: start marking, cycle complete, cycle stop, machine ready, marking in progress…

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**COMPACT**
- Ideal dimensions for integration on a production line, a rotary table or in an existing unit etc.
- Lightweight: with only 2.3kg (5lbs), the XF510p is ideal for assembly on a robotic or articulated arm

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**5.7” wide screen with graphic preview**
**Memory capacity for over 1000 marking files!**
**USB drive for quick logo and file downloads**
**Multilingual and multi-keyboard**

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Technical characteristics

XF510Cp / Sp / Dp Marking Head

<table>
<thead>
<tr>
<th></th>
<th>Cp</th>
<th>Sp</th>
<th>Dp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking area mm:</td>
<td>50 x 20, 1.97 x 0.79</td>
<td>100 x 80, 3.94 x 3.15</td>
<td>200 x 80, 7.87 x 3.15</td>
</tr>
<tr>
<td>Character height mm:</td>
<td>from 0.5 to 49.5, from 0.02 to 1.95</td>
<td>from 0.5 to 99, from 0.02 to 3.90</td>
<td>from 0.5 to 99, from 0.02 to 3.90</td>
</tr>
<tr>
<td>Weight Kg (Lbs)</td>
<td>2,950 (6.58)</td>
<td>7,800 (17.20)</td>
<td>9,700 (21.38)</td>
</tr>
</tbody>
</table>

UC500 Control Unit

- 5.7" backlit screen
- RS232 · USB · Ethernet · on-board BI/40
- External keyboard provided
- T05 integrated marking program (graphic preview)
- Weight: 3.9 Kg (7.8 Lbs)

Environment and power supply

- Power supply: 90 – 230 VAC
- Power: 150 VA
- Air pressure: 6 bars ±0.5 (87 psi) (non-lubricated dry air)
- Operating temperatures: +5 to +45°C

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
- Height setting system (+ 22 mm)
- Stylus range
- Head-UC500 cable (3m, 6m, 10m, 15m) standard and robotic
- Protective boot
- Circular marking device: DMC15, DMC25
- UC500 Rack option (5U 19")
- Windows® T500W Marking Software
- Column frame

Dimensions Cp Sp Dp

- L 136,4 219 319
- W 86,7 237
- H 113,7 146
- H + S52 166,5 210
- H + S22 160,6 205

Dimensions in mm
TIF, 2D, 3D drawings, integration guides . . . available on request
APPLICATIONS

The XF510p machines are used for marking any part shape of all material types.

Unsurpassed speed for a fast-paced production

Permanent marking:
Serial numbers, dates etc.

Traceability of any type of part:
DataMatrix™ codes, QR Codes

Product identification:
references and logos

Ideal dimensions for integration

Marking at the exit-end
of machining center
(mechanic parts, keys, alu casings...)

Part coupling
on assembly station

Integration on
production line
(Automotive, Metallurgy, Mechanics...)

Please visit our website to see our full range of:
Laser, Micro-percussion and Scribing Solutions.

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