

## Integrable marking machine

Compact, 45 x 45mm marking window.

**USAGE:** ideal solution for the marking of metal and plastic parts, of various shapes and surface conditions. (automobile, mechanical, cast, electromechanical, ...)

**ENVIRONMENT:** conceived for industrial integration

- on production lines,
- in automatic or semi-automatic assembly or test stations.

## HIGH PERFORMANCE

- Up to 6 characters per second.
- Characters from 0.5 to 45mm in height in steps of 0.1mm.
- "High definition" marking quality adjustable according to required marking speed.

## INTEGRATED SOFTWARE FEATURES

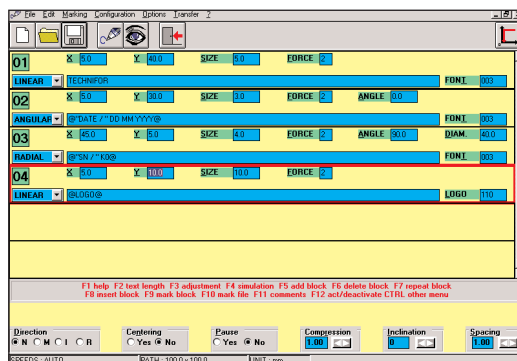
- Create / Modify / Save marking data.
- Management of 6 Input / 2 Output board.
- Calculation of variable data: date codes (several formats available), shift codes, serial numbers.
- Management of text style:
  - choice of fonts (standard, OCR, 5x7, ...),
  - choice of logos,
  - compression, spacing, automatic centering,
  - linear marking, angular, radial, inclination, inverted, mirrored.
- Downloading of custom fonts and logos.

## SIMPLIFIED INDUSTRIAL INTEGRATION

- **User-friendly integrated software:**  
The internal software permits independent operation of the UC112 (no need for an external PC or PLC to program the control unit).
- **Control of the marking head by:**
  - File select from the memory of the UC112 by activation of inputs.
  - Control unit in Independent mode.
  - PLC or other information system, via RS232 link.
- **Easy to mount:**
  - Simple attachment: 2 M8 mounting holes.
  - 2 Ø8H8 positioning holes.



CHR211 height adjustment system



T101W Windows® marking software



Protective bellows

# TECHNICAL SPECIFICATIONS

## Environment:

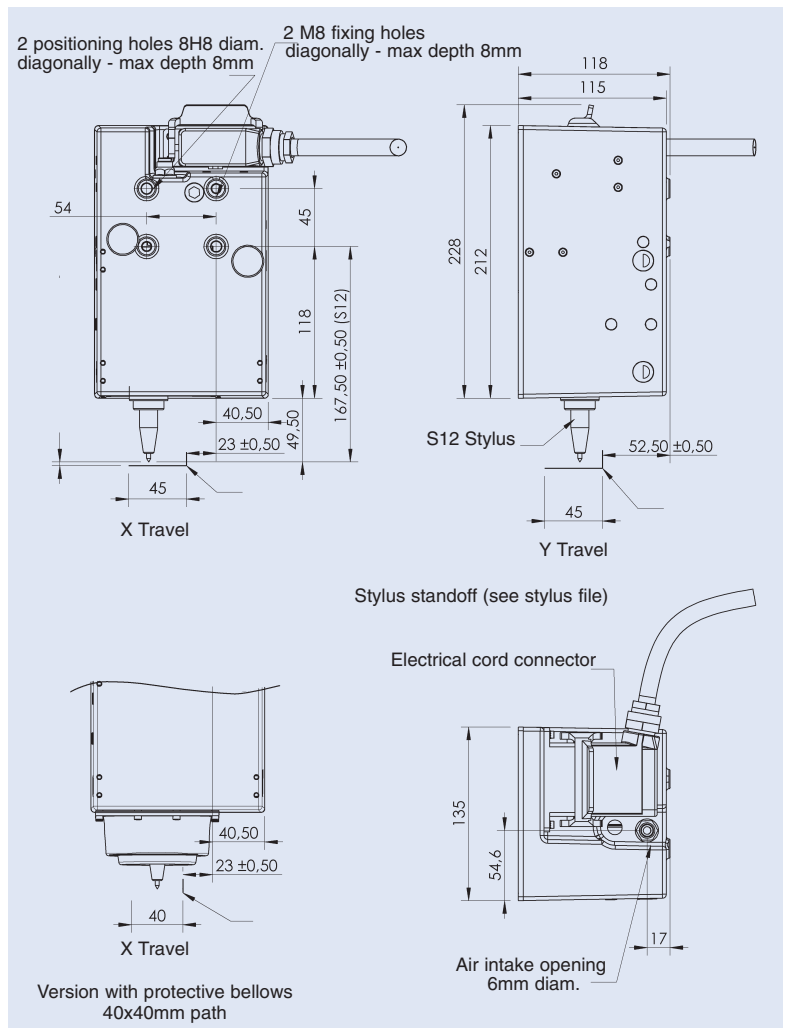
- Dimensions (l x h x w): 135 x 115 x 212mm (without stylus)
- Weight: 3.9 Kg
- Air supply: operating pressure from 5.5 to 8 bars, (6 bars nominal) with Ø 6mm pneumatic fitting.
- Consumption: 0.4 to 0.7 NI / character, Max: 3 SCFM.
- Operating temperature: +5 to +45 °C (+41 to +113 °F).

## Accessories/Adaptations:

- Extended stylus.
- Extended amplitude stylus.
- 3m Head/UC cord (standard), 6m, 10m or 15m.
- Protective bellows (reduces marking window to 40 x 40mm).
- Height adjustment system ( $\pm 22$ mm).
- Column.
- Start marking foot pedal.
- 230 V AC / 24 V DC – 110 W power supply.
- 115 V AC / 24 V DC – 110 W power supply.

## UC112 control unit

- Dimensions (l x h x w) without connectors: 270 x 117.3 x 135.5mm
- Weight: 3.2 Kg
- Electrical supply: 24 VDC +/-10%
- Consumption: 110 W
- Memory capacity: 51 Kb
- Data input by:
  - 105 key AT external keyboard (supplied with UC112).
  - PC using T101W Windows® software.
  - PLC via RS232 link (DB9 connector).
  - Other information systems via RS232 link.
  - Bar code readers via RS232 link (optional).
- File Selection from memory:
  - by 105 Key AT keyboard.
  - by 6I / 2O (on DB25 connector).
  - by RS232 connection.
- Communication interface (DB25 connector)
  - Start of marking.
  - End of cycle.
  - Reset.
  - Machine ready.
  - 6I / 2O.



## Options:

- Downloading of fonts and logos (HPGL).
- T101W Windows® marking software.
- UC112 to PC file transfer software.
- External data input (UCBARCODE).
- Data Matrix® 2D Code.
- 19" 4U Rack mount face plate for UC112.

## Norms:

- Directive "Machine" 89/392/CEE.
- Directive "Electromagnetic compatibility" 89/336/CEE.
- Directive low voltage "Electric devices" 73/23/CEE.
- Complies with Part 15 of the FCC rules.



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