

## CONTROL COUTHsmartbox

- **Modular control unit**, to integrate with **COUTH**<sup>®</sup> dot peen and scribing marking units.



## HMI

User interface, optional, **interchangeable** and **removeable**.

Available in:

- **Keypad** 7" colour screen and built-in keypad.
- **Touchscreen** 10" colour touchscreen.

With just one HMI, you may manage multiple **COUTHsmartboxes**.



| COUTH<sup>®</sup> Keypad



| COUTH<sup>®</sup> Touchscreen

## COUTHlink

Software developed by **COUTH**<sup>®</sup>, and built into **COUTHsmartbox** that **facilitates connectivity** between the control unit and the PLCs for the controllers on the production lines, with a **substantial reduction** in the needed **hours for programming**.



## ADVANTAGES

- **Increased power** for **COUTH**<sup>®</sup> marking units, 15-20%, providing greater marking depth and/or speed, thanks to more advanced electronics.
- **Autonomous control system**, does not require PC for operation.
- **Connection available for main communication protocols** (Profibus, Profinet, Ethernet/IP, etc.).
- **Remote access for technical assistance.**
- Reception of **diagnostics** in PLCs **made** by the **COUTHsmartbox** control unit.
- **Removeable and interchangeable screen**, easy to place.
- **Colour user interface, more intuitive.**

## CHARACTERISTICS

- Adjustable marking speed and depth.
- 11 input signals and 7 output signals that can be programmed for connection with controller.
- Can transfer all kinds of information, instructions and parameters for marking.
- Marking on straight, tilted, arc and mirror lines.
- Marking sequential numbers and repetitions, shifts, hour, date, week, etc.
- Marking logotypes and special characters from vectoral archives, DXF, DWG and PLT/HPGL.
- Marking DATAMATRIX<sup>™</sup> codes, both square and rectangular, as well as QR codes.
- Possibility of using and creating any font type requested by the client.
- Compression, expansion and spacing between characters, cursive and density of marking can all be adjusted.
- 40-line files and 75-character line.
- Possibility of storing up to 10,000 marking files.
- Provides for operation in PC or controller slave mode.
- Serial connection RS 232, Ethernet built-in, available: Profibus, Profinet, Ethernet/IP.
- Possibility of connection with external keyboard, mouse and USB.
- Option of connecting machines with encoders combined with motors.
- Possibility of connecting with bar code and DATAMATRIX<sup>™</sup> readers.
- Possibility of connecting plate feeder, rotary devices, approximators, etc.
- Multi-language screen.
- Power voltage 110/220V; 50/60Hz.
- Option for front panel with standard 19" rack.
- European CE and UL Standards.