

CONTROL COUTHSmartbox

- **Modular control unit**, to integrate with **COUTH®** dot pen and scribing marking units.



ADVANTAGES

- **Increased power** for **COUTH®** 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.

ACCESSORIES

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® Keypad

COUTH® Touchscreen



REINFORCED HMI

Optional, exchangeable and removable user interface, reinforced with **anti-shock rubber** to absorb blows. Leak-tight USB and RJ45 connectors, with threading and **anti-strain system**. IP65 dust and splash **protection**. Built-in **adaptor** so it can be assembled on its own base (optional) or any other.

Available in:

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



Close-up on leak-tight USB and RJ45 connectors, with threading and **anti-strain system**.



The base is optional and is sold separately as an accessory.

COUTH REMOTE HMI



COUTHRemoteHMI is the Android application for you to access the COUTHSmartbox control unit to control the **COUTH®** dot-pen and scribe marking units from your tablet.

With it, you can edit files, modify parameters and control marking from your tablet.

Use the exact same functions as with the HMI COUTH Touchscreen and COUTH Keypad through your Android tablet.

Available in Play Store.



Requires USB wifi adapter, not included, available on COUTH



Free Download



CONTROL COUTHSmartbox

CHARACTERISTICS

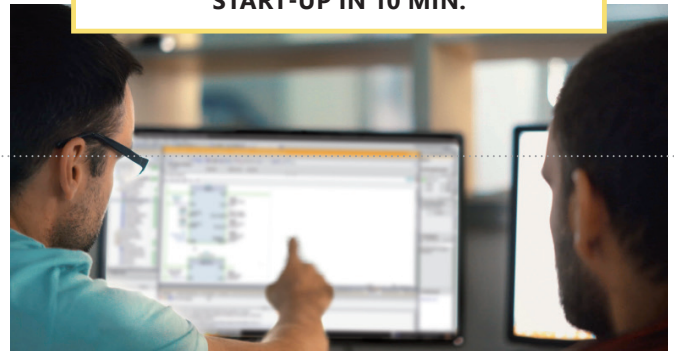
- Adjustable marking speed and depth.
- 11 input signals and 7 output signals that can be programmed for connection with controller.
- Can transfer all kinds of information, instructions and parameters for marking.
- Marking on straight, tilted, arc and mirror lines.
- Marking sequential numbers and repetitions, shifts, hour, date, week, etc.
- Marking logotypes and special characters from vectoral archives, DXF, DWG and PLT/HPGL.
- Marking DATAMATRIX™ 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™ 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.

COUTHlink

Software developed by COUTH®, 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.

COUTHlink is built into the COUTHsmartbox control.

START-UP IN 10 MIN.



- Start-up in approximately 10 minutes.
- Significant savings on hours invested in programming.
- Simple DRAG&DROP to access mark settings.
- Facilitates the interaction with the controller of the marking unit and the different PLC brand on the market: SIEMENS, ALLEN BRADLEY, OMRON, etc.
- Own functions on the PLC platform with the COUTH® protocol.
- Includes a library package for different PLC programming platforms.