TECHNICAL FEATURES

CONTROL
COUTHSmartbox

- Modular control unit, to integrate with COUTH® dot peen 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 (Profinet, 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.

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.

COUTH REMOTE HMI

COUTHRemoteHMI is the Android application for you to access the COUTHsmartbox control unit to control the COUTH® dot-peen 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.

COUTHREMOTEHMI IS THE ANDROID APPLICATION FOR YOU TO ACCESS THE COUTHSMARTBOX CONTROL UNIT TO CONTROL THE COUTH® DOT-PEEN 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
**TECHNICAL FEATURES**

**CONTROL**

**COUTHSmartbox**

**CHARACTERISTICS**

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

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

**START-UP IN 10 MIN.**