

06.

Evo2HMI interface

Analyzing the data collected during production enables management to improve the entire supply chain. EVO2HMI becomes an intuitive and simple means for the production manager to be able to control the whole production together with the machine operators.

Simplicity and complexity coexist in a reliable and durable software platform, a unique work tool able to check all the production process to decrease time loss and material as a medium/ long term effect.



Make your
future
cometrue

DIFFERENTIATED
PRODUCTS
& DESIGN
APPROACH

Evo2HMIinterface

MAKE IT EASY TO IMPROVE THE PRODUCTION

'Less is more': MTM bet on the speed setting, operations decrease and data entry with the only purpose to improve the production by decreasing faults and machine downtime.

THE GRAPHICAL INTERFACE WHICH MAKES IT EASIER

EVO2HMI uses the graphical user interface concept in order to make the operators' job more intuitive. Thanks to the icon-based interface, each operator will be able to easily control the tube production process.

EVO2HMI evolution starts with simple actions: touch the icons and see all the production steps, such as machine parameters, production speeds, etc., no need to enter any parameters from the keyboard, no skilled labor or ad hoc committees necessary. EVO2HMI is for everyone, making the job more efficient, thus increasing productivity. EVO2HMI is what you have been waiting for.

SIMPLICITY AND COMPLEXITY CAN CO-EXIST

Simple graphics integrates with data processing in a single software platform enabling the operator to oversee the entire mill operation and react to situations that decrease productivity. For example, tube mill speed is controlled and displayed on a chart so that the operator can check which sections of the mill are not being utilized fully and intervene to maximize efficiency.



ADVANCED SETUP FOR EVERYONE WIZARD

The EVO2HMI will lead your operators to the proper recipe in a few steps. With the WIZARD the line parameters are suggested in accordance with the characteristics of the tubes to be processed. Other modes are available and allow a more specific data entry with any adjustments to reach the best set up.

Evo2HMIinterface characteristics



CLEAR & EASY MANAGEMENT



GUIDED PROCEDURE



SIMPLE DIAGNOSTICS



SIMPLIFIED SET-UP

PRODUTRACK - PRODUCTION TRACKING

This feature provides the information of the raw material used for the production of each individual tube. The butt weld between consecutive coils is tracked from the strip entry section up to the packing section.

TECHNOTRACK – TECHNOLOGICAL TRACKING

This feature arranges in realtime the collection of several parameters like: mill speed, individual motor speed, torque, current, elongations, welding power, welding stand load, cutting data, production stop time or down time. and stores all the data into a database linked to specific products.

The advantages of these features are:

- Repeatability and historical background of the parameters
- Comparison between previous productions and optimization of the present production
- Traceability of the origin and process data for each bundle or each tube produced.