LEMAC®

SYSTEM TOUCH
MADE IN ITALY

SERIE TLC
TOUCH CONTROL
TEMPERATURE
REGULATOR SYSTEM

MADE IN ITALY

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SERIE TLC
TOUCH CONTROL
TEMPERATURE REGULATOR SYSTEM
COMPUTERISED WITH MODULAR DUAL HARDWARE

INDUSTRY 4.0

The **TLC SERIES** was created to complete the range of temperature control products. In some market sectors, there is a need to use a computerised control unit. Ours, unlike the others, is composed of **DUAL SERIES** boards and a **Touch** computer, which uses software to manage the boards. This concept allows us to limit the spare parts costs of the boards and to avoid the problem of Touch breakage, as the software can be installed on any PC with a Windows system.

Our experience and dialogue with users has pushed us in this direction, as other brands have experienced monitor breakage leading to major downtimes. The TLC Series, like the Dual Series, can be interfaced with "**Data Log**" software. The Data Log Software can monitor and record sensitive technical mould data and save working recipes in the server.

NEWS 2023
A LOOK INTO THE NEAR FUTURE

The Research and Development departments are working to complete by the end of the year, the process of adapting technologies to the dictates and canons of **Industry 4.0.**
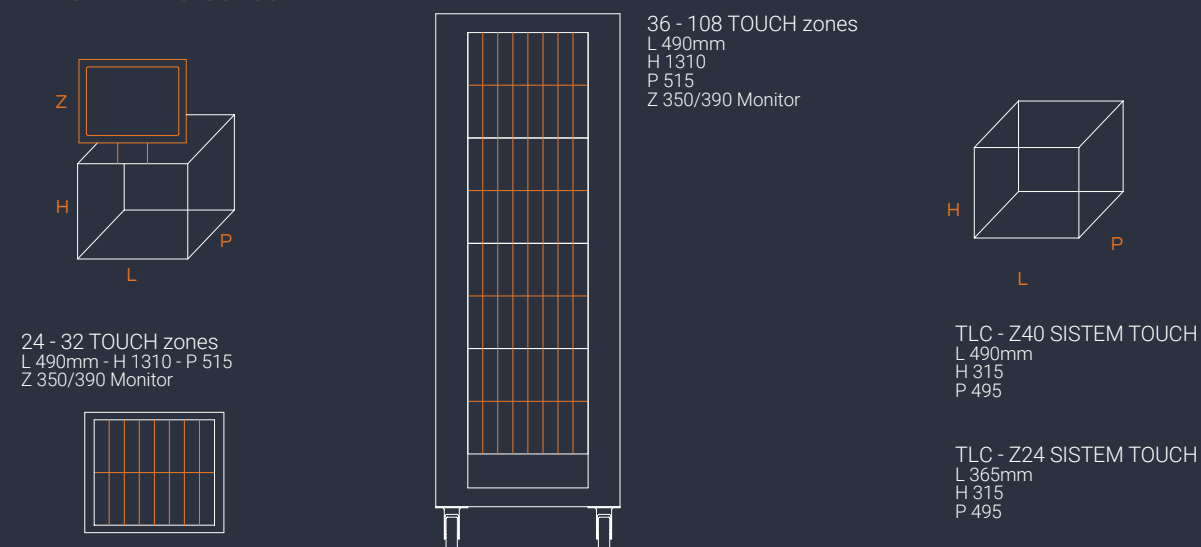
The interface, which is now being developed, has been specially designed for retroactive connection to the Dual and TLC Series control units in order to guarantee connectivity and performance at a later date. Both series are prepared for network interconnection to factory lines.

Monitor incorporated in the control unit or positioned externally.

TLC 76 zones

TLC 24 - 32 zones

TLC - Z40 SYSTEM TOUCH

TLC - Z24 SYSTEM TOUCH

TECHNICAL CHARACTERISTICS

- Practical and intuitive interface on 15" Touch
- Software developed in a Windows environment (easy to update)
- Hardware is managed by maintenance-friendly, interchangeable dual-channel cards (16 A cards per zone)
- Automatic creation in 2 working groups (Injector - Hot Channel) recognisable by the different colour of the zones, with the possibility of creating 6 more.
- Quick, direct setting from the zone for basic functions (set point, status change, ON/off), via keypad, with possibility of immediate copying to group or all zones.
- Full screen view of the individual zone with visibility of measurements, current, % working, consumption in kW and setting data.
- Three types of view - Thermoregulators view, Measurements view,
- General view

- Temperature controller view and Measurements view are scrolling through the arrows on the next page, when there are more than 24 zones.
- 2 pre-heating possibilities Ramp pre-heating with simultaneous
- 100° stop of all zones belonging to the group Pre-heating injectors guided by one zone in the chamber, automatically selected.
- Boost function
- Stand-By function
- Paired zone function (master/slave)
- Gradual ramp up per second when the zone is working in manual mode
- Creation of working recipes
- Recording of work data to be managed on the network via DataLog software

DUAL - TLC Series

Z
H
P
L

24 - 32 TOUCH zones
L 490mm - H 1310 - P 515
Z 350/390 Monitor

36 - 108 TOUCH zones
L 490mm
H 1310
P 515
Z 350/390 Monitor

H
P
L

TLC - Z40 SISTEM TOUCH
L 490mm
H 315
P 495

TLC - Z24 SISTEM TOUCH
L 365mm
H 315
P 495

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