

## SERVICE MANUAL FOR INSTALLER TECHNICIAN



# PIZZA OVEN

## mod. TL 105-108

Code: **OM40.xxxxx**



**OEM ALI GROUP S.r.l** sole shareholder

Viale Lombardia, 33 Bozzolo (MN) - Italy  
Tel. +39 0376 910511 - Fax +39 0376 920754

[info@oemali.com](mailto:info@oemali.com) - [www.oemali.com](http://www.oemali.com)

## **FOREWORD**

All rights reserved. No part of this publication may be reproduced, distributed, translated into any language or transmitted by any electronic or mechanical means, including photocopying, recording or any other storage and retrieval system, for other purposes other than your exclusive personal use, without prior written authorisation of the Manufacturer.

This manual is reserved exclusively for the manufacturer's technical assistance service.

This manual contains the main adjustment, data setting and repair operations that may occur on the oven in question. Should you encounter other problems, we recommend you contact the OEM technical assistance service.

## **EDITOR'S NOTE**

This documentation is specifically intended for installer technicians; therefore, some information that is easily deductible from reading texts and examining drawings may not have been further specified.

The Editor is by no means liable for any information and data provided in this manual: all information included herein has been supplied, controlled and approved by the Manufacturer during review.

The Publisher is in no way responsible for the consequences of any mishandled operations carried out by the user.

Edition: 05/2022

Version: 1.0

## **COPYRIGHT**

**© 2022 OEM ALI GROUP S.r.l. sole shareholder**

## Table of Contents

<b>1 IDENTIFICATION.....</b>	<b>5</b>
1.1 Manufacturer identification .....	5
1.2 Symbols used in manual .....	5
1.3 General warnings.....	6
1.4 Personal protective equipment.....	8
<b>2 MAINTENANCE INSTRUCTIONS.....</b>	<b>9</b>
2.1 Maintenance operation map.....	10
2.2 Electrical panel opening .....	11
2.3 Safety thermostat reset.....	12
2.4 Lamp holder disassembly .....	13
2.5 Disassembling the mesh belt motor.....	14
2.6 Disassembling heaters.....	16
2.7 Temperature probe disassembly.....	19
2.8 Operator panel assembly .....	21
2.9 Disassembling the mesh belt.....	22
2.10 Mesh belt tensioning.....	28
2.11 Operator panel – SERVICE menu .....	29
<b>3 ANNEXES.....</b>	<b>37</b>
3.1 DIAGRAM - TL105-108.....	37



PAGE INTENTIONALLY LEFT BLANK

# 1 IDENTIFICATION

## 1.1 Manufacturer identification

<b>Manufacturer</b>	<b>OEM ALI GROUP S.r.l. sole shareholder</b>
<b>Address</b>	Viale Lombardia, 33 Bozzolo (MN) - Italy Tel. +39 0376 910511 – Fax +39 0376 920754 info@oemali.com - www.oemali.com

## 1.2 Symbols used in manual

SYMBOL	DEFINITION
	Symbol used to identify important warnings for the safety of the operator and/or machine.
	Symbol used to identify information of particular importance within the manual. The information also concerns the safety of staff involved in using the machine.

### 1.3 General warnings



**IMPORTANT!**

Before programming and/or replacing parts, the technician must have carefully read this manual and possess in-depth knowledge of both technical specifications and controls.



**IMPORTANT!**

It is recommended to have the technician undergo a training period regarding the operating procedures to be followed for repairs and/or programming.



**DANGER!**

In case of installation or removal of device parts, only means of lifting & handling being suitable for both weight and geometric characteristics of the part to be lifted/handled shall be utilized.



**CAUTION!**

Only authorized as well as trained personnel may start, adjust and/or repair the machine. Refer to this manual for any operations that may be required.



**DANGER!**

Before performing machine maintenance and before removing any protection, make sure the cutout switch is on "OFF" (O), in order to disconnect the electrical power supply during the operation.



**DANGER!**

In case of repairs to be done on the main switch or in the main switch area, turn off the power of the electrical line.



**CAUTION!**

Any inspection and maintenance works requiring the removal of the safety protections are made under the responsibility of the technician. Therefore it is recommended that the above mentioned works are done by authorized and skilled personnel only.



**CAUTION!**

Make sure that all safety devices (barriers, protections, casing, micro-switches, etc.) have not been tampered and are perfectly working. Otherwise they must be set up.



**IMPORTANT!**

In order to avoid personal risks, only suitable tools should be used, in accordance with the local safety regulations.



**DANGER!**

Do not tamper with the electric and pneumatic system or any other mechanism for any reason.



**CAUTION!**

Do not leave the machine unattended with guards removed.



**CAUTION!**

Wear approved safety clothing as per the law in force



**CAUTION!**

In case of work to be done in a position that cannot be reached from the ground, use safe ladders or lifting devices only, in conformity with the local safety regulations.



**CAUTION!**

In case of repairs near or under the machine, make sure that there are no parts that can operate; and/or unstable parts by their nature placed on the machine or in its vicinity.



**CAUTION!**

Do not use your hands or other tools to stop any moving parts.



**CAUTION!**

Do not use matches, lighters or free flames near the machine.



**IMPORTANT!**

Pay the utmost attention to the **WARNING** labels on the **DEVICE** whenever one is about to operate on or near it.



**CAUTION!**

It is not recommended to carry out repairs when the machine is running; proceed with the utmost caution if operating with the machine running and powered.



**CAUTION!**

The manufacturer declines all responsibility for any injury or damage to persons or things arising from inobservance of the safety regulations and the instructions contained in this manual.



**IMPORTANT!**

These safety regulations integrate or complement the local safety regulations in force.



**CAUTION!**

**NEVER** make hasty or makeshift repairs that may compromise the smooth running of the machine and the safety of the operator.



**CAUTION!**

Any electrical or mechanical tampering of the machine relieves the manufacturer of any liability and renders the technician himself solely responsible to the competent bodies for accident prevention.

## 1.4 Personal protective equipment

When performing assembly, maintenance and/or adjustments near the machine, you must strictly comply with the general accident-prevention standards. Therefore, it is important to always use Personal Protective Equipment (P.P.E.) required for each individual operation.

Below is the full list of **personal protective equipment (P.P.E.)** that may be required for the different procedures:

SYMBOL	DESCRIPTION
	<b>Obligation to use protective or insulating gloves.</b> Indicates a requirement for personnel to wear protective or insulating gloves.
	<b>Obligation to use protective goggles.</b> Indicates a requirement for personnel to wear safety goggles.
	<b>Obligation to use safety shoes.</b> Indicates a requirement for personnel to use work-safety footwear to protect their feet.
	<b>Obligation to wear a face mask.</b> This indicates the requirement for personnel to wear a mask to protect the respiratory tract. During occasional operations with the release of large amounts of dust, wear EU approved dust masks, minimum <b>FP1</b> or preferably <b>FP2</b> . Type <b>3M 8710</b> or <b>3M 9900</b> respirators approved according to the American National Institute.
	<b>Compulsory use of protective clothing.</b> Indicates a requirement for personnel to wear the specific protective clothing.



## 2 MAINTENANCE INSTRUCTIONS



**IMPORTANT!**

The instructions provided below are carried out according to the methods and times following machine commissioning.

Any initiative for purposes other than those specifically mentioned above shall be considered improper.

The manufacture shall not be liable for damages or personal injury resulting therefrom.



**IMPORTANT!**

The following instructions must be carried out only and exclusively by specialised maintenance engineers.

If the specified kind of personnel is not employed or a different number of employees is used, the manufacturer shall not be liable for any damage caused to the machine.



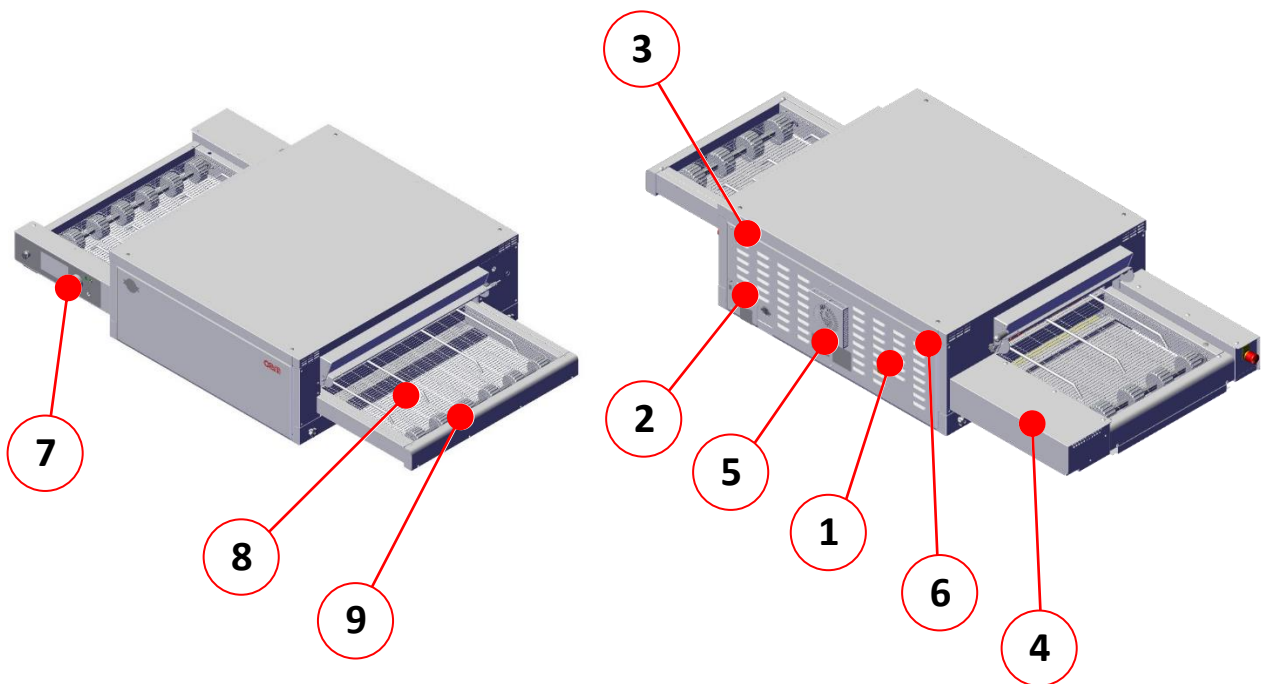
**IMPORTANT!**

Wear the necessary personal protective equipment.

## 2.1 Maintenance operation map

The positioning of the components subject to special maintenance is provided below.

STEP	MAINTENANCE ACTION
1	ELECTRICAL PANEL OPENING
2	RESTART OF SAFETY THERMOSTAT
3	LAMP HOLDER DISASSEMBLY
4	MESH BELT MOTOR DISASSEMBLY
5	DISASSEMBLY OF HEATERS
6	TEMPERATURE PROBE DISASSEMBLY
7	OPERATOR PANEL DISASSEMBLY (display board and encoder board)
8	REPLACE THE MESH BELT
9	MESH BELT TENSIONING
10	OPERATOR PANEL – SERVICE menu



## 2.2 Electrical panel opening

### ELECTRICAL PANEL OPENING

PERSONAL  
PROTECTIVE EQUIPMENT



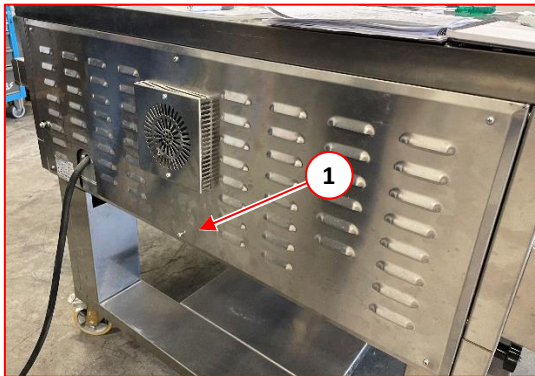
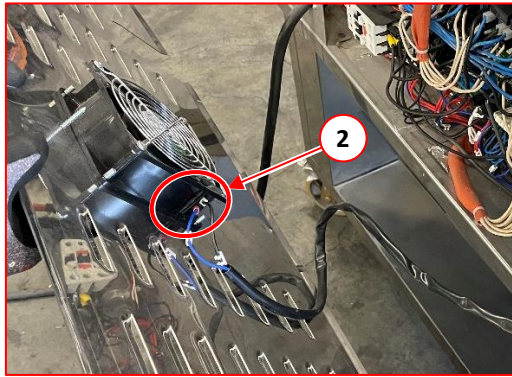
**CAUTION!**

The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.

NECESSARY  
EQUIPMENT

A – Phillips/flat-blade screwdriver

To perform the operations properly proceed as follows:

STEP	ACTION	PICTURE
1	Unscrew 6 screws (pos.1) to remove the closing plate.	
2	Disconnect the fan connectors (pos.2) to remove the panel.	
3	Follow the procedure in reverse for reassembly.	

## 2.3 Safety thermostat reset

### SAFETY THERMOSTAT RESET

PERSONAL  
PROTECTIVE EQUIPMENT



**CAUTION!**

The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.

NECESSARY  
EQUIPMENT

A – Phillips/flat-blade screwdriver

To perform the operations properly proceed as follows:

STEP	ACTION	PICTURE
1	To access the safety thermostat, open the electrical panel (see par. 2.2 'Electrical panel opening').	
2	<p>The thermostat is located in the lower left-hand corner of the electrical panel compartment.</p> <p>Press the highlighted button to reset the thermostat.</p>	
3	Follow the procedure in reverse for reassembly.	

## 2.4 Lamp holder disassembly

### LAMP HOLDER DISASSEMBLY

PERSONAL  
PROTECTIVE EQUIPMENT




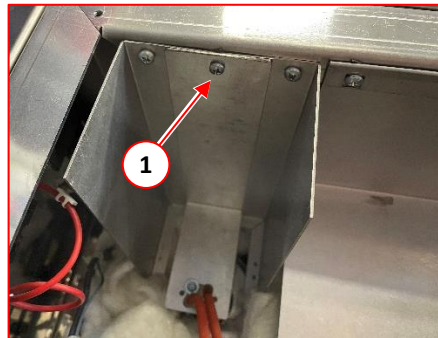
**CAUTION!**

The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.

NECESSARY  
EQUIPMENT

A – Phillips/flat-blade screwdriver

To perform the operations properly proceed as follows:

STEP	ACTION	PICTURE
1	To access the lamp holder, open the electrical panel (see par. 2.2 'Electrical panel opening').	
2	Locate the lamp holder in the top left-hand corner of the panel, and disconnect the lamp connectors.	
3	Unscrew the screw (pos. 1) and remove the lamp holder.	
3	Follow the procedure in reverse for reassembly.	

## 2.5 Disassembling the mesh belt motor

### MESH BELT MOTOR DISASSEMBLY

PERSONAL  
PROTECTIVE EQUIPMENT



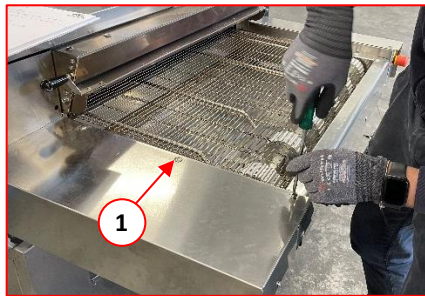
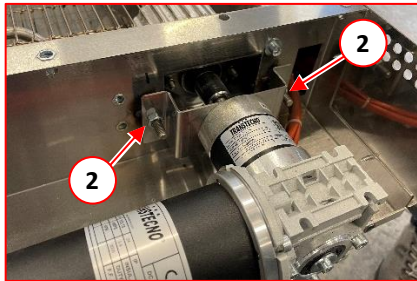
**CAUTION!**

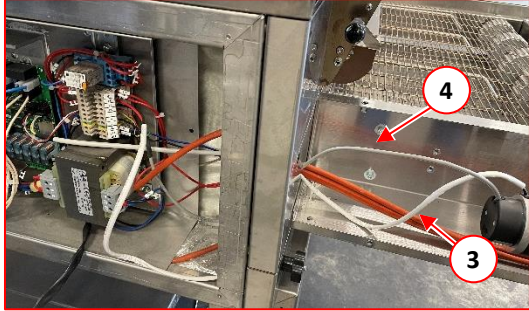
The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.

NECESSARY  
EQUIPMENT

- A – Phillips/flat-blade screwdriver
- B – Screwdriver
- C – Spanners/hex head and ratchet

To perform the operations properly proceed as follows:

STEP	ACTION	PICTURE
1	Unscrew the upper and lower fixing screws (pos. 1) of the motor cover plate.	
2	Unscrew the fixing nuts (pos.2) of the gear motor.	
3	Access the motor wires by opening the electrical panel (see par. 2.2 'Electrical panel opening').	

STEP	ACTION	PICTURE
4	<p>Locate and disconnect the motor connection cables in the electrical panel.</p> <ul style="list-style-type: none"> <li>• <b>White cable:</b> power cables (pos.3);</li> <li>• <b>Grey cable:</b> encoder cable (pos.4).</li> </ul>	
5	Reassemble the gear motor by tightening the fixing nuts on the plate (see step "2").	
6	Connect the cables to the terminal blocks (see enclosed wiring diagram).	
7	Position the cover plate and screw in the fixing screws.	

## 2.6 Disassembling heaters

### DISASSEMBLY OF HEATERS

#### PERSONAL PROTECTIVE EQUIPMENT



#### CAUTION!

The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.



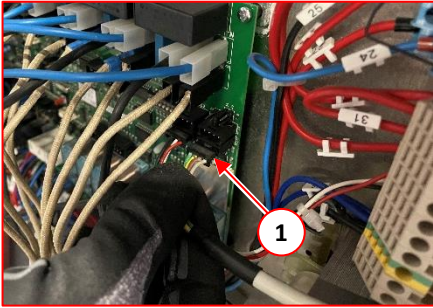
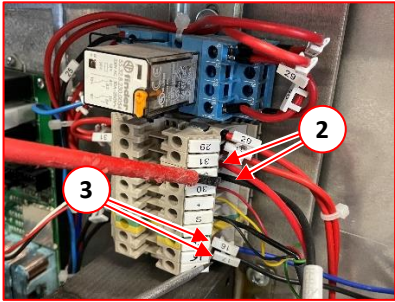
#### CAUTION!

Move the insulating material while wearing the appropriate PPE.

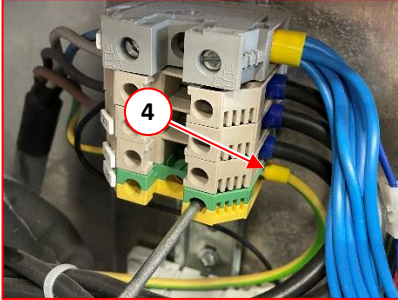
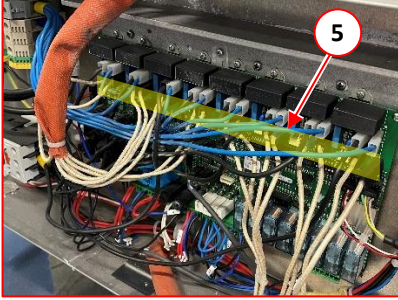
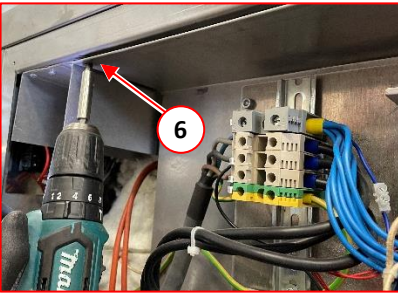
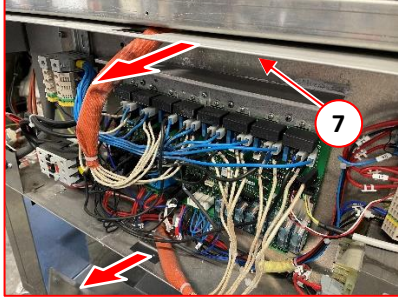

#### NECESSARY EQUIPMENT

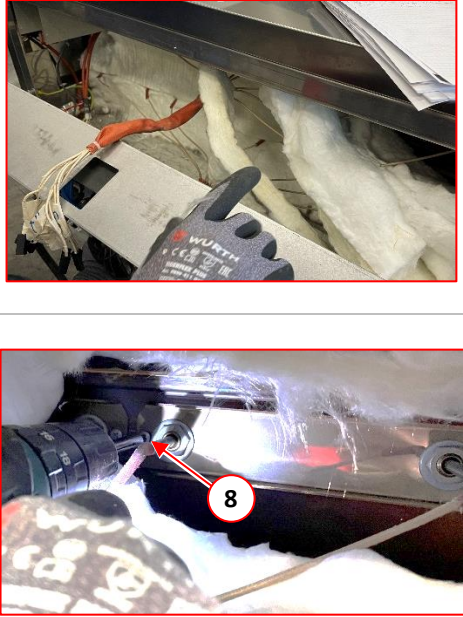
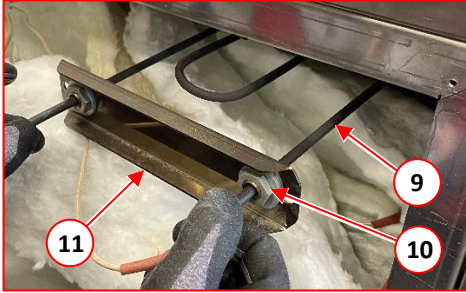
A – Phillips/flat-blade screwdriver  
B – Screwdriver  
C – Spanners

To perform the operations properly proceed as follows:

STEP	ACTION	PICTURE
1	Access the electrical panel (see par. 2.2 'Electrical panel opening').	
1	Disconnect display connection cable (pos. 1).	
2	Disconnect the following cables: <ul style="list-style-type: none"> <li>• gearmotor power cables (pos.2);</li> <li>• encoder signal cables (pos.3).</li> </ul>	



STEP	ACTION	PICTURE
3	Disconnect earth cable (pos.4).	
4	Disconnect connectors (black) of the resistors (pos.5).	
5	Unscrew the screws (pos. 6) securing the electrical panel support plate.	
6	Pull out the electrical panel plate (pos. 7) to access the heating elements and insulation.	
		

STEP	ACTION	PICTURE
7	Move the insulation to access the fixing screws (2 screws per plate) of the heater holder plates (pos. 8).	
8	Remove the heater (pos. 9) and unscrew the fixing nuts (pos. 10) to remove the plate (pos. 11).	
9	Follow the procedure in reverse for reassembly.	

## 2.7 Temperature probe disassembly

### TEMPERATURE PROBE DISASSEMBLY

#### PERSONAL PROTECTIVE EQUIPMENT



#### CAUTION!

The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.



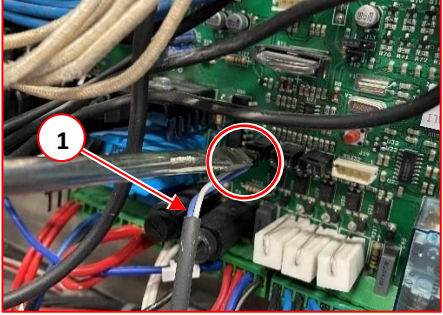
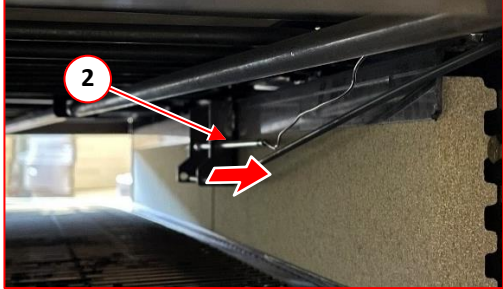
#### CAUTION!

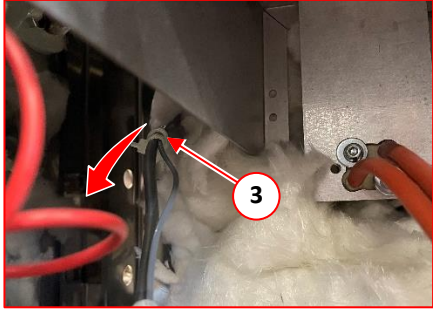
If it is necessary to move or handle the insulation material, the appropriate PPE must be used.

#### NECESSARY EQUIPMENT

A – Phillips/flat-blade screwdriver  
B – Screwdriver  
C – Spanners

To perform the operations properly do as follows:

STEP	ACTION	PICTURE
1	Access the electrical panel (see par. 2.2 'Electrical panel opening').	
2	Locate the connector highlighted in the picture and disconnect the cable (pos.1).	
3	Carefully remove the probe from the holder (pos. 2) inside the chamber	

STEP	ACTION	PICTURE
3	Carefully pull out the cable and temperature probe (pos. 3).	
4	Follow the procedure in reverse for reassembly.	

## 2.8 Operator panel assembly

### OPERATOR PANEL DISASSEMBLY

PERSONAL  
PROTECTIVE EQUIPMENT




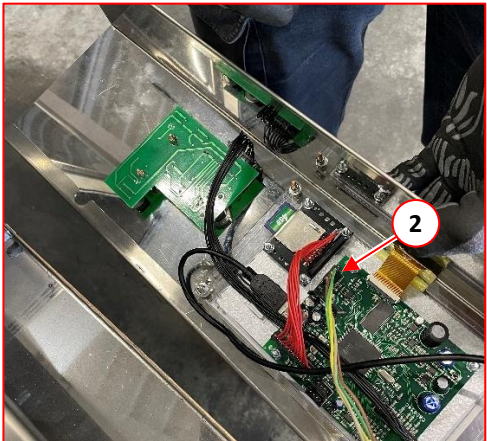
**CAUTION!**

The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.

NECESSARY  
EQUIPMENT

A – Phillips/flat-blade screwdriver  
B – Screwdriver

To perform the operations properly proceed as follows:

STEP	ACTION	PICTURE
1	Unscrew the fixing screws (pos.1) of the plate.	
2	To remove the panel, disconnect the connector highlighted in the picture (pos.2).	

## 2.9 Disassembling the mesh belt

### MESH BELT DISASSEMBLY

**PERSONAL  
PROTECTIVE EQUIPMENT**




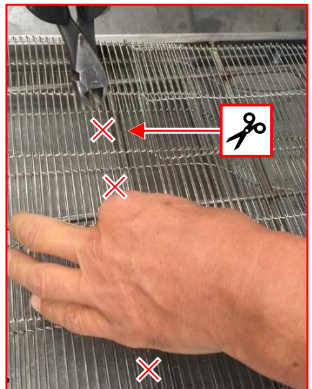
**CAUTION!**


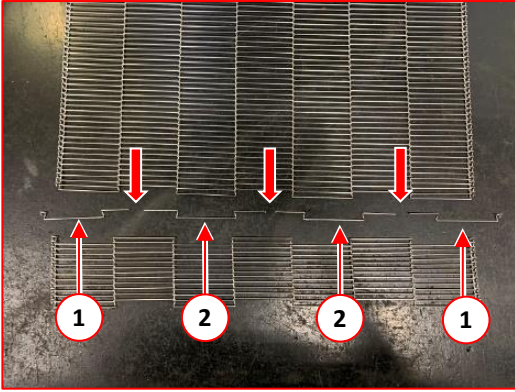

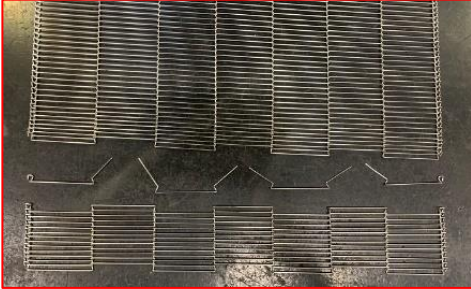
The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.

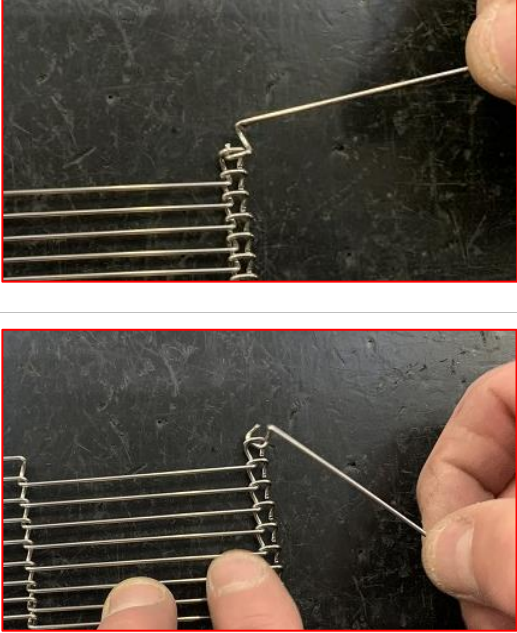
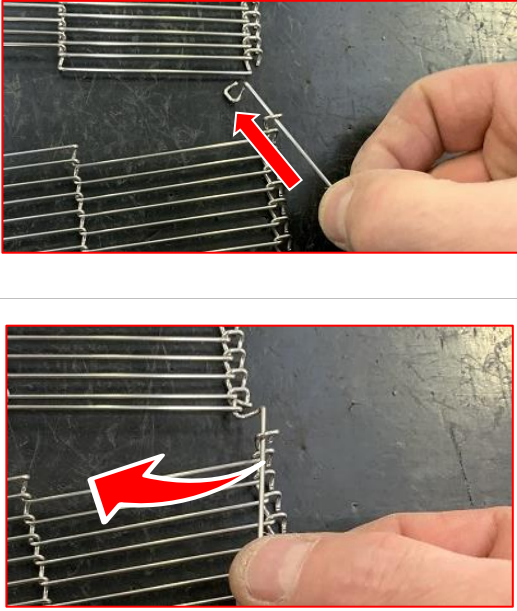
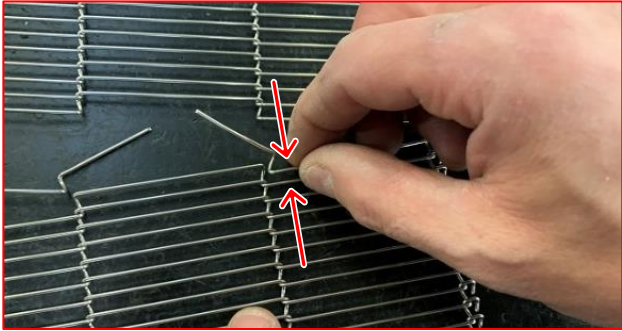
**NECESSARY  
EQUIPMENT**

- A – Phillips/flat-blade screwdriver
- B – Screwdriver
- C – Spanners
- D - Allen wrenches
- E - Cutter

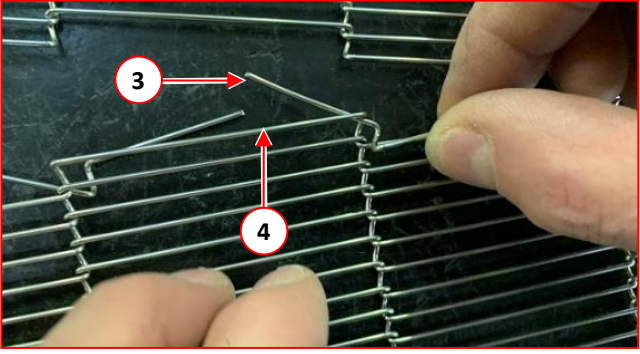
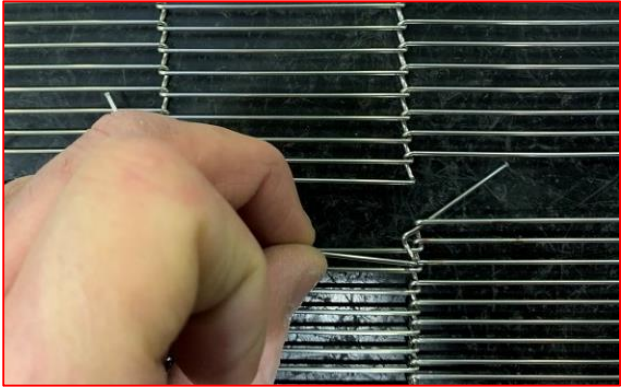
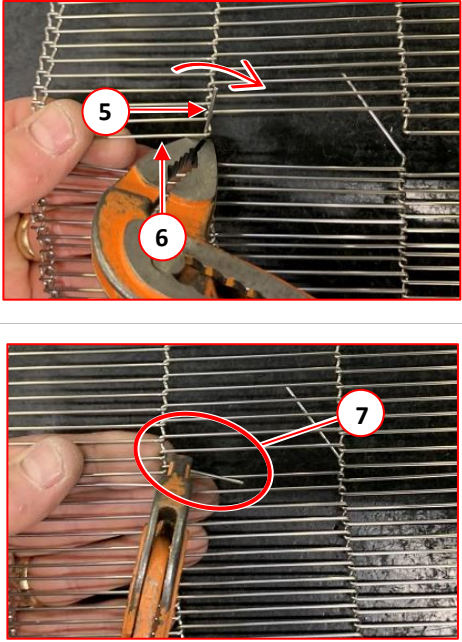
To perform the operations properly proceed as follows:

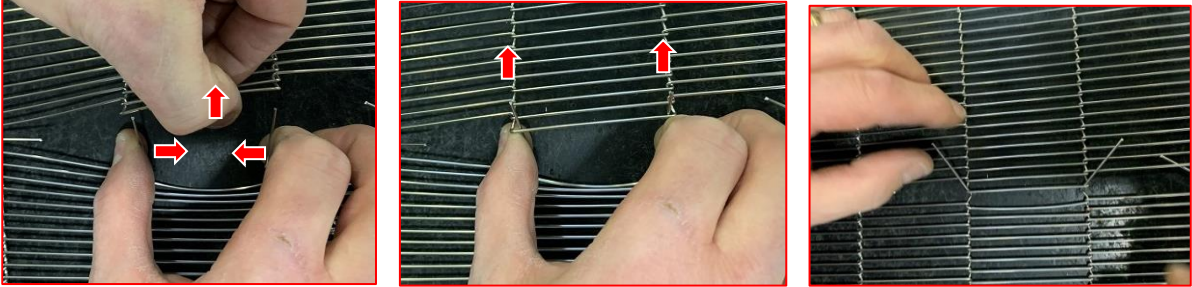
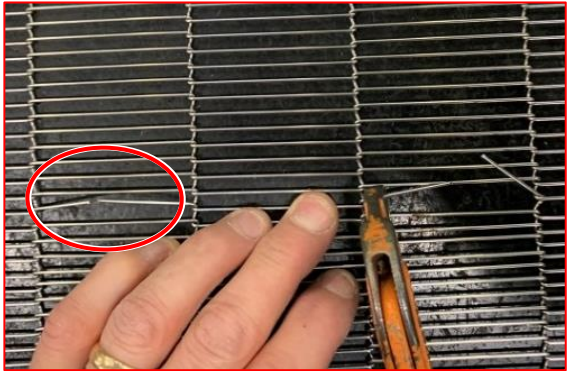
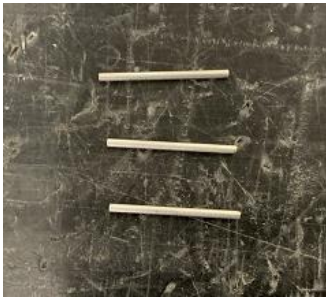
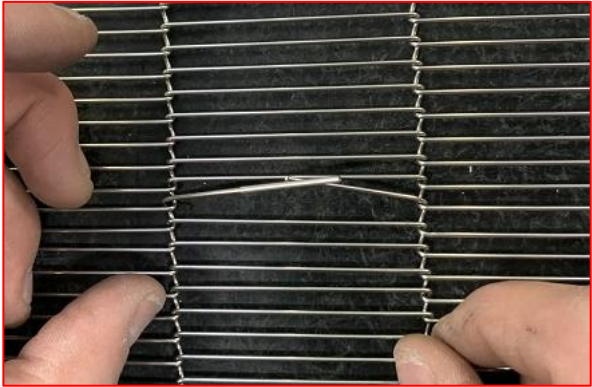
STEP	ACTION	PICTURE
1	To remove the mesh belt, cut a cross link with a cutter.	
2	Place a new mesh belt on the frame until one end overlaps with the belt, thus identifying the link to make the splice.	
3	Remove the excess by cutting a link with a wire cutter.	



STEP	ACTION	PICTURE
4	Separate a link as in the image.	
5	Subdivide the mesh at the points indicated, to form 2 outer pieces (pos.1) and 2 inner pieces (pos.2).	
6	Using two pliers, bend the link pieces.	
6	It is necessary to obtain folds as in the image.	

STEP	ACTION	PICTURE
7	Insert the folded end of the outer piece into the free link of the belt and rotate.	
8	Feed the straight part of the piece into the loop and hook the other loop of the belt to be connected.	
9	Rotate the piece parallel to the remaining links of the belt.	



STEP	ACTION	PICTURE
10	Insert the end (pos.3) into the belt link (pos.4).	
11	Repeat the sequence from <b>step 8 to 10</b> on the opposite side of the mesh belt	
12	Insert the remaining pieces into the centre of the belt following the procedure in <b>step 15</b> .	
13	Insert one end of the piece (pos.5) into the piece link (pos.6) and turn clockwise; a fold should be obtained as in the picture (pos.7).	

STEP	ACTION	PICTURE
14	The central part is connected by passing both ends of the piece through the belt link.	
		
15	Fold all the ends of the mesh pieces as shown in the picture.	
16	Prepare the tubular connectors to connect the mesh ends.	
17	Insert the fitting to join both ends.	

STEP	ACTION	PICTURE
18	Slightly press the fitting to lock the mesh in place.	
19	Repeat the procedure for all splices to complete the mesh belt splice.	

## 2.10 Mesh belt tensioning

### MESH BELT TENSIONING

PERSONAL  
PROTECTIVE EQUIPMENT



**CAUTION!**

The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.

NECESSARY  
EQUIPMENT

A – Screwdriver  
B – Spanners

To perform the operations properly proceed as follows:

STEP	ACTION	PICTURE
1	Unscrew the screws (pos.1) securing the plate (pos.2).	
2	Tighten or loosen the screws (pos.3-4) to increase or decrease the belt tension.	



**IMPORTANT!**

Check the parallelism between the shaft axis and the oven structure.

## 2.11 Operator panel – SERVICE menu

### SERVICE menu

PERSONAL  
PROTECTIVE EQUIPMENT



**CAUTION!**

The extraordinary maintenance operations described in this manual must be carried out with the machine switched off and with all the moving parts at standstill.

NECESSARY  
EQUIPMENT

-

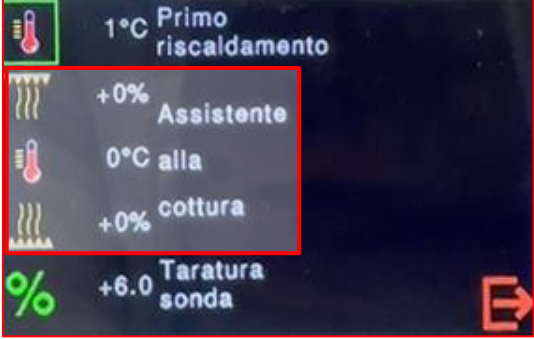
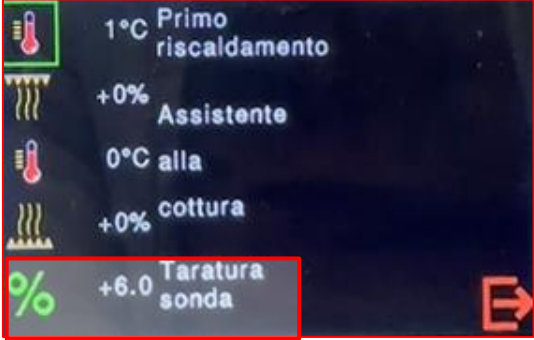
To perform the operations properly proceed as follows:

STEP	ACTION	PICTURE
1	To access the menu, select the relevant icon (pos.1) from the main menu.	
2	Select the icon shown (pos.2) and enter password:	
	1796  Select the indicated arrow (pos.3) to confirm the command.	


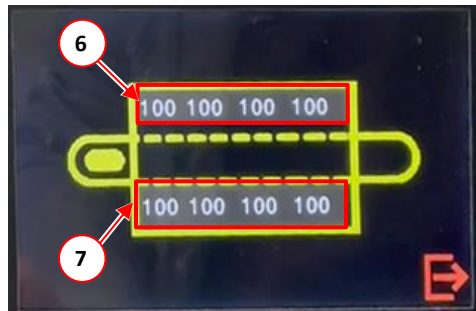
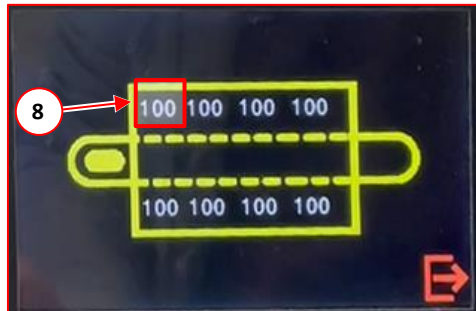
STEP	ACTION	PICTURE
3	Turn the knob to choose the function, and press to view the relative page:	

### Oven servicing

STEP	ACTION	PICTURE
1	Select the graphic symbol (pos.4) to display the firing assistance page.	
2	Turn the knob to choose the function: <ul style="list-style-type: none"> <li>• First warm-up;</li> <li>• Firing assistance;</li> <li>• Probe calibration.</li> </ul>	
3	<p><u>First warm-up</u></p> <p>Deviation between target temperature and maximum temperature.</p> <p>Example:</p> <ul style="list-style-type: none"> <li>• Oven temperature = "300°C"</li> <li>• First heating temperature = "50°C"</li> </ul> <p>By setting the temperature to 50°C, the oven will reach a maximum of 250°C and then follow the standard settings to reach 300°C.</p>	

STEP	ACTION	PICTURE
4	<p><u>Cooking aid</u></p> <p>Holding of the set temperature within a defined operating range.</p> <p>Example:</p> <ul style="list-style-type: none"> <li>Oven temperature = <b>"300°C"</b></li> <li>Set aid = <b>"10°C"</b></li> <li>Ceiling heating elements = <b>+10%</b></li> <li>Bedplate heating elements = <b>+10%</b></li> </ul> <p>Setting the aid at 10°C, the oven will reach 300°C and then drop by the set range (in this case = 10°C).</p> <p>If it drops below 290, the temperature will be restored beyond 290°C with 10% increases of the bedplate and ceiling heating elements.</p>	
5	<p><u>Probe calibration</u></p> <p>Example:</p> <ul style="list-style-type: none"> <li>Probe calibration = <b>"+0.0"</b>. Displayed temperature = 300°C; Temperature in chamber= 300°C.</li> <li>Probe calibration = <b>"+6.0"</b>. Displayed temperature = 300°C; Temperature in chamber= 282°C.</li> </ul> <p>A temperature offset is actuated between the actual value and that shown on the display during cooking.</p>	

## Resistance power

STEP	ACTION	PICTURE
1	Select the graphic symbol (pos.5) to display the heater power edit page.	
2	Press and turn the knob until the individual heater to be modified is selected: <ul style="list-style-type: none"> <li>- <b>pos. 6:</b> upper heaters power;</li> <li>- <b>pos. 7:</b> lower heaters power.</li> </ul>	
3	Press and turn the knob to change the power value (pos.8) of the individual heater.	

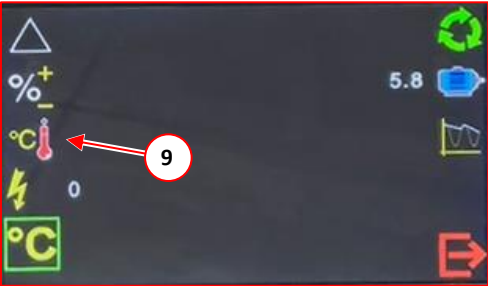
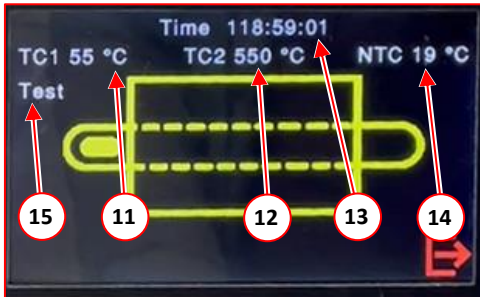
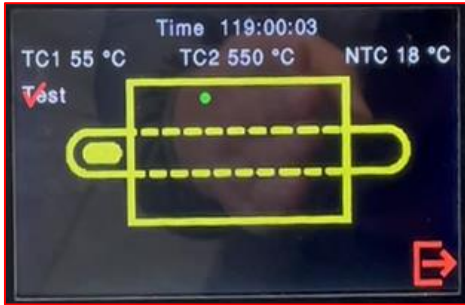


### IMPORTANT!


- The TL105 oven is equipped with 6 heating elements (3 ceiling + 3 floor).
- The TL108 oven is equipped with 8 heating elements (4 ceiling + 4 floor).




## Oven data

STEP	ACTION	PICTURE
1	Select the graphic symbol (pos.9) to display the oven data page.	
2	<p>The following information will be displayed:</p> <ul style="list-style-type: none"> <li>• <b>pos.11:</b> actual probe temperature in chamber;</li> <li>• <b>pos.12:</b> (future arrangement);</li> <li>• <b>pos.13:</b> total oven utilisation time;</li> <li>• <b>Pos.14:</b> technical compartment temperature;</li> <li>• <b>pos.15:</b> individual heater ignition test.</li> </ul>	
3	<p>To perform the heater test:</p> <ul style="list-style-type: none"> <li>• select 'Test' and press the knob;</li> <li>• select a heater and press to activate it (red).</li> </ul> <p>NOTE: the heater remains active for 1'.</p>	

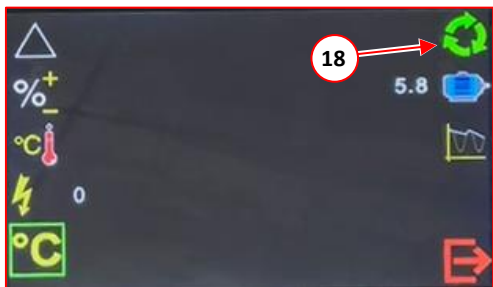
## Load limiter

STEP	ACTION	PICTURE
1	Select the graphic symbol (pos.16) to enable selection.	
2	<p>Level <b>0</b>: total heater operation;                      Level <b>1</b>: cyclic deactivation of 1 heater;                      Level <b>2</b>: cyclic deactivation of 2 heaters.</p> <p>NOTE: Heaters are switched off randomly.</p>	

## Unit of measurement

STEP	ACTION	PICTURE
1	<p>From the service menu select the function (pos.17) to convert the temperature unit:</p> <p>°C: degrees Celsius                      °F: degrees Fahrenheit</p>	

## Factory settings

STEP	ACTION	PICTURE
1	<p>From the service menu select the function (pos.18) to carry out a complete reset of the oven.</p> <p>Keep the knob pressed until the acoustic signal to save the change.</p>	

### Belt calibration

STEP	ACTION	PICTURE
1	<p>Select the parameter to increase/decrease the belt speed according to time.</p> <p>The motor calibration is acted upon to balance the time taken to pass through the oven.</p>	



**IMPORTANT!**  
The parameter is set when the oven is tested.

### Temperature maintenance

STEP	ACTION	PICTURE
1	<p>By selecting the function, the set temperature can be maintained within a defined operating range.</p>	
2	<p>Example:</p> <ul style="list-style-type: none"> <li>- Oven temperature = "300°C"</li> <li>- Delta temperature = "10°C"</li> <li>- Heater power = +50%</li> </ul> <p>By setting a temperature delta of 10°C, the oven will reach 300°C and then continue to heat up to 310°C.</p> <p>The power used beyond the oven set will be 50% of the power set on the initial page (firing set).</p>	

PAGE INTENTIONALLY LEFT BLANK



## **3 ANNEXES**

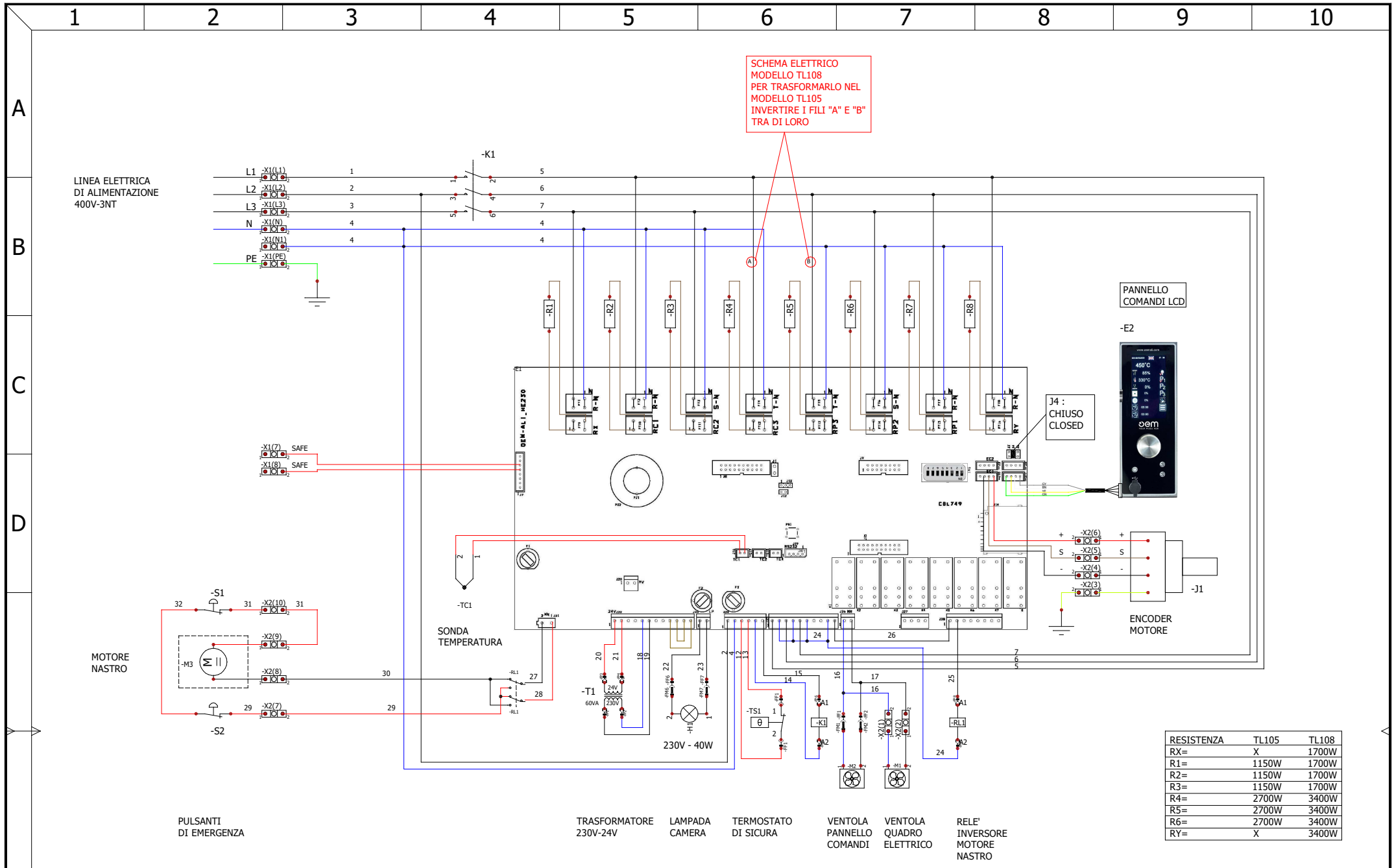
### **3.1 DIAGRAM - TL105-108**

# OM23.00501

Album documenti

Document book

 			Tensione/Voltage ( V )		
			Potenza/Power (Kw)		
			Frequenza/Frequency ( Hz )		
			Corrente elettrica/Electric current ( A )		
			Grado di protezione/Degree of protection ( IP )		
			Varie		
					0
0	18/11/2020	enfanell	Descrizione/Description TL105/TL108 V380-416 3N		
OEMALI Spa Viale Lombardia,33 46012 Bozzolo (Mn) Italia			Ufficio/Office	Progettista/Designer	Pagina/Page
			Ufficio Tecnico	Enrico Fanelli	1
			Codice/Code	Data/Date	di/of
OM23.00501	24/11/2020	3			



www.oemali.com

www.aligroup.com

Schema elettrico / Electrical scheme

### Schema elettrico

Descrizione/Description

TL105/TL108 V380-416 3N

Ufficio/Office

Ufficio Tecnico

Codice/Code

OM23.00501

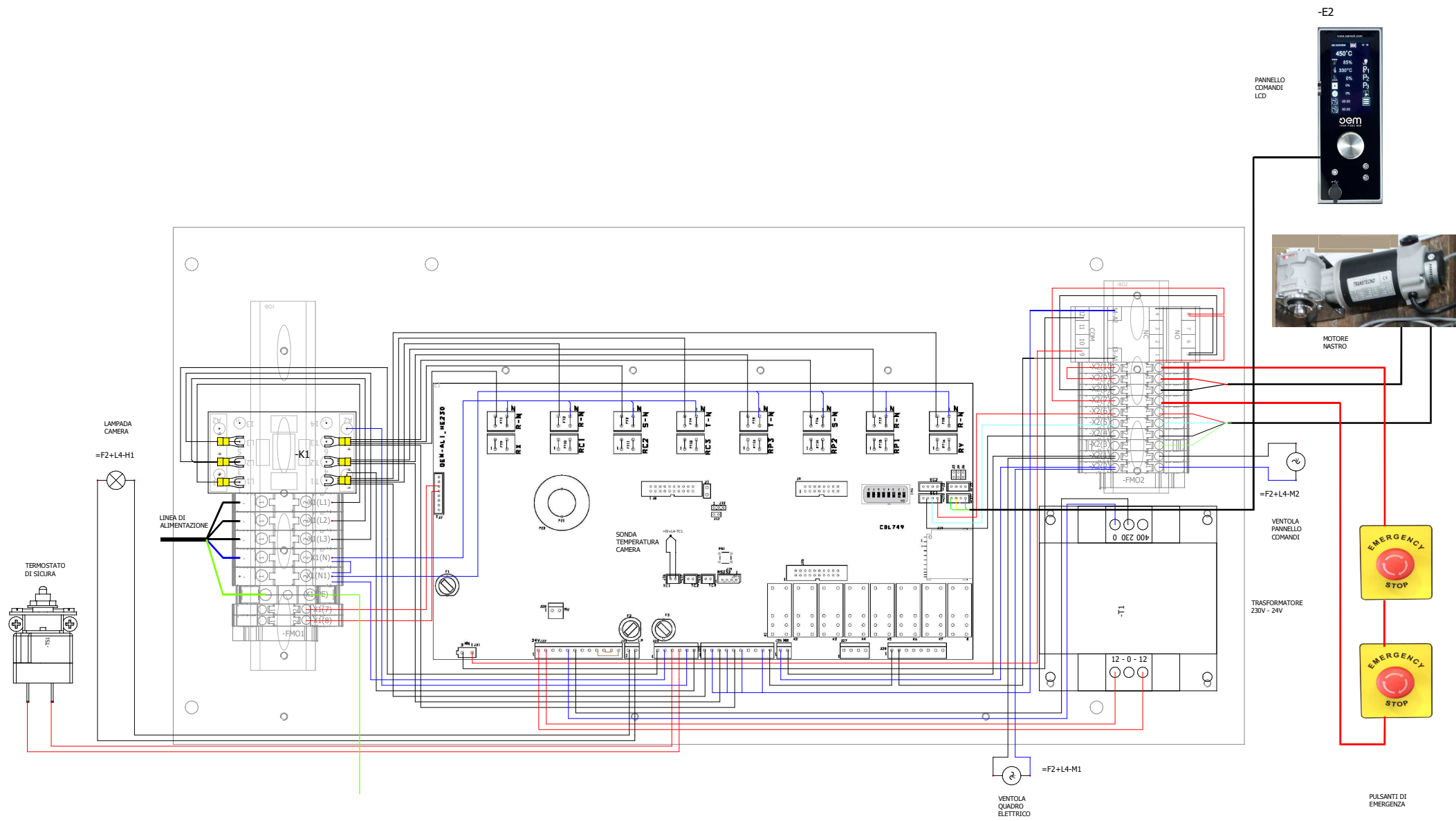
Progettista/Designer

Enrico Fanelli

Data/Date

24/11/2020

Cod. Var. Vaporiera:		Rev.	0
Cod. Var.Camino:		Pagina/Page	2   3
Cod. Var.Mot.camino:			
Cod. Var. Resistenze:	OM22.00216		
Cod. Impianto:	OM22.00214		
Cod. Cablaggio:	OM22.00215		
0	18/11/2020	enfanell	
Volt:		Hertz:	
KWatt:		Grado IP:	



-E2

PANNELLO  
COMANDI  
LCD



MOTORE  
NASTRO

=F2+L4-M2

VENTOLA  
PANNELLO  
COMANDI

TRASFORMATORE  
230V - 24V



PULSANTI DI  
EMERGENZA

=F2+L4-M1

VENTOLA  
QUADRO  
ELETTRICO


0	18/11/2020	imfanell	Ufficio Tecnico Enrico Fanelli	Descrizione: TL105/TL108 V380-416 3N	Revisione: 0
			Viale Lombardia,33 46012 Bozzolo (Mn) Italia	Cod. Impianto: OM23.00501	Foglio n° 3

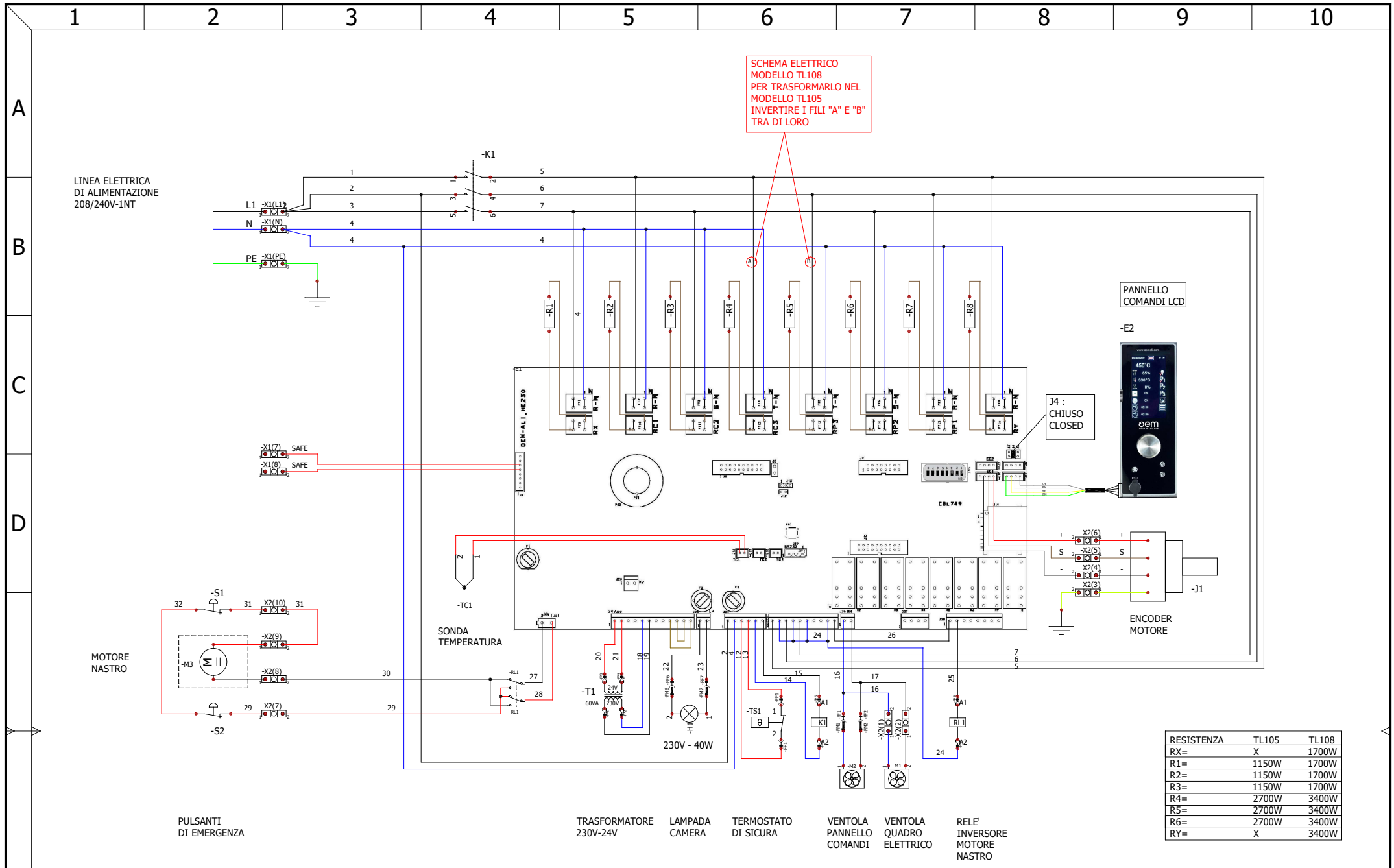


# OM23.00503

Album documenti

Document book

 			Tensione/Voltage ( V )	V208-240/1NT	
			Potenza/Power (Kw)		
			Frequenza/Frequency ( Hz )		
			Corrente elettrica/Electric current ( A )		
			Grado di protezione/Degree of protection ( IP )		
			Varie		
				0	
0	03/06/2021	enfanell	Descrizione/Description TL105/TL108 V208-240/1NT		
OEMALI Spa Viale Lombardia,33 46012 Bozzolo (Mn) Italia			Ufficio/Office	Progettista/Designer	Pagina/Page
			Ufficio Tecnico	Enrico Fanelli	1
			Codice/Code	Data/Date	di/of
OM23.00503	03/06/2021	3			



www.oemali.com



www.algroup.com

Schema elettrico / Electrical scheme

### Schema elettrico

Descrizione/Description

TL105/TL108 V208-240/1NT

Ufficio/Office

Ufficio Tecnico

Codice/Code

OM23.00503

Progettista/Designer

Enrico Fanelli

Data/Date

03/06/2021

Cod. Var. Vaporiera:

Cod. Var. Camino:

Cod. Var. Mot.camino:

0 03/06/2021

Volt: V208-240/1NT

KWatt:

Cod. Var. Resistenze:

Cod. Impianto:

Cod. Cablaggio:

OM22.00216

OM22.00222

OM22.00223

Rev.

0

Pagina/Page

2 3

-E2



MOTORE NASTRO

=F2+L4-M2

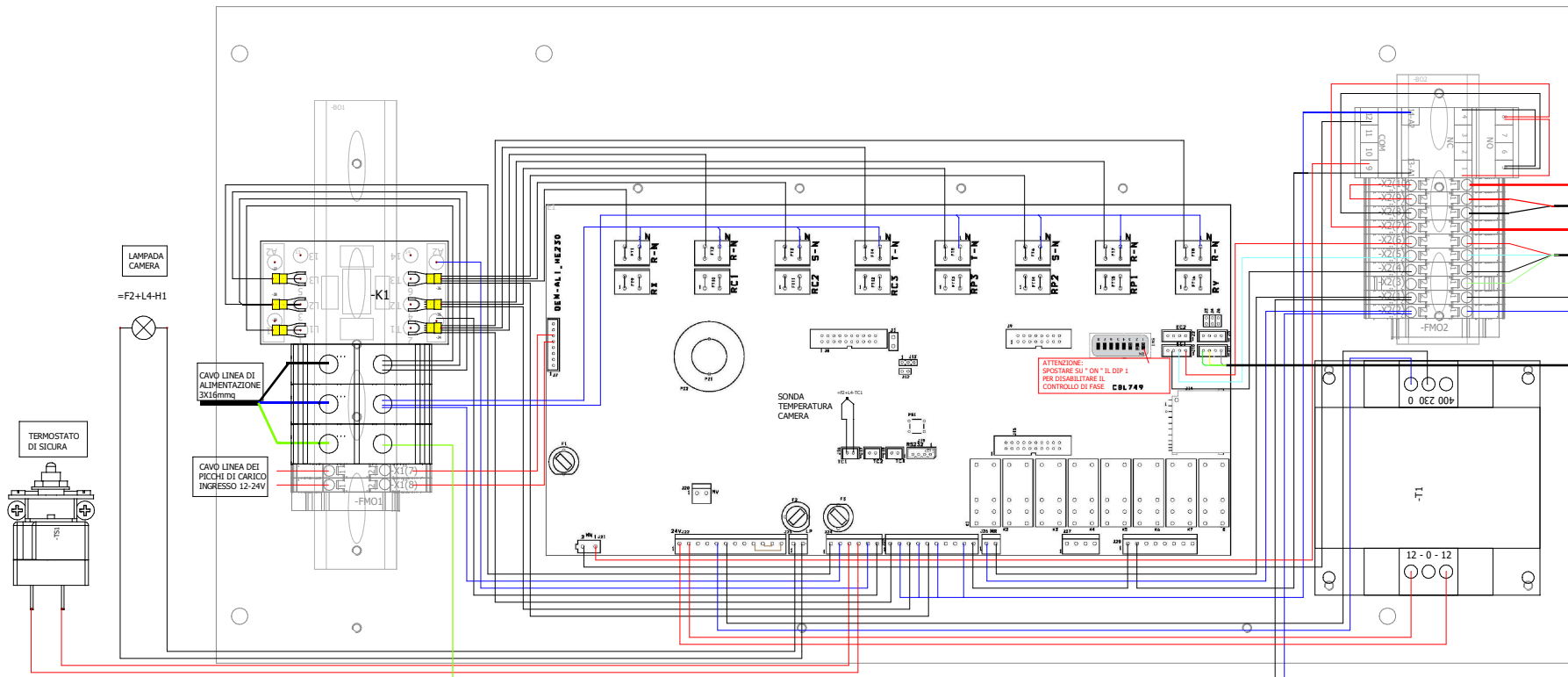
VENTOLA PANNELLO COMANDI

TRASFORMATORE 230V - 24V



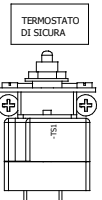
PULSANTI DI EMERGENZA

=F2+L4-M1  
VENTOLA QUADRO ELETTRICO

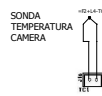


LAMPADA CAMERA  
=F2+L4-H1

CAVD LINEA DI ALIMENTAZIONE 3X16mmq  
CAVD LINEA DEI PICCHI DI CARICO INGRESSO 12-24V



TERMOSTATO DI SICURA



SONDA TEMPERATURA CAMERA

ATTENZIONE: SPOSTARE SU "ON" IL DIP 1 PER DISABILITARE IL CONTROLLO DI FASE COL749

0	03/06/2021	imfanelli	Ufficio Tecnico Enrico Fanelli Codice/Code OM23.00503	Descrizione: TL105/TL108 V208-240/INT Cod. Impianto: Cod. Cablaggio:	Revisione: 0 Foglio n° 3
---	------------	-----------	--	---	-----------------------------------

