






# INSTRUCTION MANUAL



## A T T E N T I O N

Please read carefully the overall instruction manual before carrying out any operation on the unit, in order to protect the operator and avoid any damage.

SIGNS ON THE UNIT.

|   |   |
|---|---|
|  | <b>ATTENTION-HEAT SOURCE-THERE MAY BE, HIGH TEMPERATURES</b>      |
|  | <b>STOP TENSION BEFORE CARRYING OUT ANY OPERATION ON THE UNIT</b> |
|  | <b>EARTH</b>  |

WARNING SIGNS

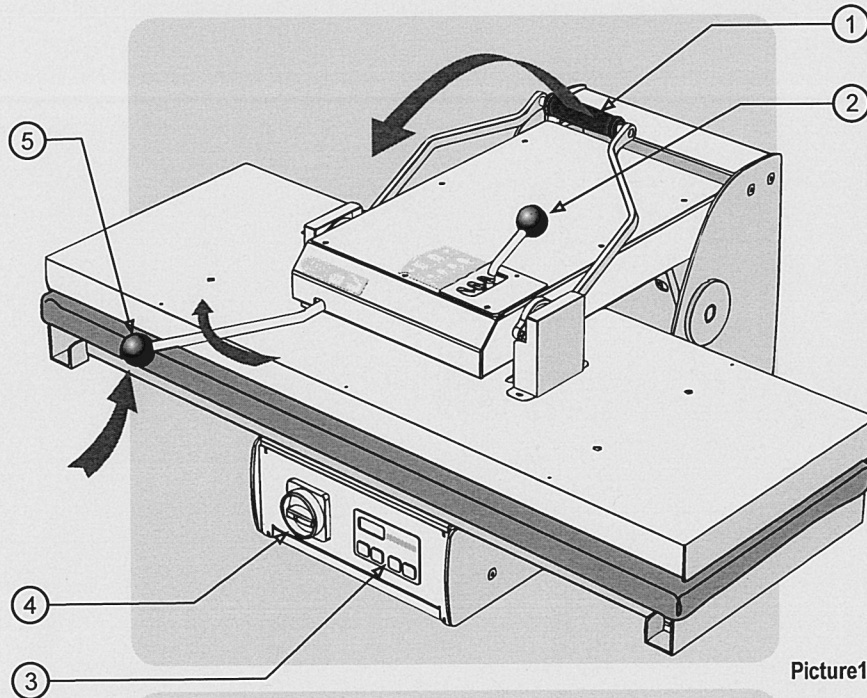
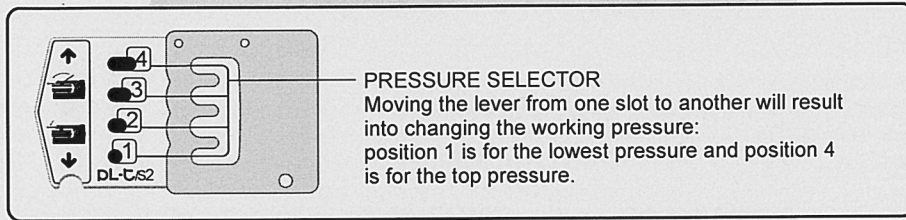
|   |   |
|---|---|
|  | <b>DO NOT REMOVE ANY SAFETY DEVICE</b>                          |
|  | <b>DO NOT CARRY OUT ANY OPERATION ON THE UNIT WHEN IT IS ON</b> |

## SAFETY WARNINGS:

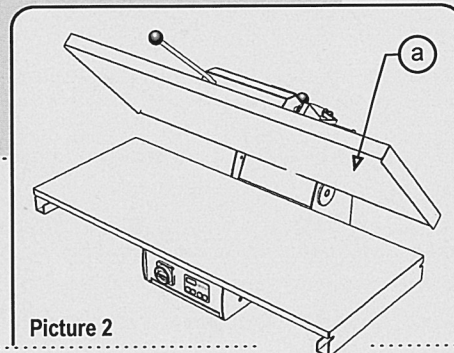
- \* The unit is electrically safe under the condition that it is duly earthed, as provided by the current electrical safety rules. The manufacturer cannot be held responsible for any damage arising from the mains being badly earthed. If in doubt, please contact a qualified technician.
- \* The manufacturer cannot be held responsible for any damage arising from improper, wrong and unreasonable use of the unit and from careless service carried out by unqualified technicians.
- \* Do not touch the unit with damp, wet hands or feet.
- \* Do not leave the unit unattended when it is on, since that may turn dangerous.
- \* Please make sure that the unit is turned off and disconnected from the power point before cleaning it out or carrying out any service on it.
- \* Should the unit fail or work badly, please switch it off and never break it open. If service is needed, please contact service centres authorised by the manufacturer and ask for original spare parts to be used. Whether these warnings are disregarded, the safety of the unit may be undermined.
- \* Please always disconnect the unit from the power point when it is not used. Never let it plugged if not needed.

This unit complies with EEC directive 89/392

## HOW TO OPERATE THE UNIT:



Picture 1



Picture 2

### REFERENCES

- 1 \_\_ BOARD PRESSURE LEVER
- 2 \_\_ PRESSURE SELECTOR
- 3 \_\_ CONTROL PANEL
- 4 \_\_ MAIN SWITCH
- 5 \_\_ BOARD-UNBLOCKING LEVER
- a \_\_ HEATED UPPER BOARD

### ISTRUCTIONS

- a) Please connect the flex the unit is supplied with according to the following patterns:
  - Single-phased connection: please plug the flex into a wall switch fitted with a 20 Amp safety fuse.
  - Three-phased connection: please plug the flex into a wall switch fitted with a 12 Amp safety fuse.
- b) Please switch on the main switch (4) to power the unit. (This device is crucial to cut off tension quickly from the unit when the latter is on).
- c) After the unit has been powered through the main switch (4), please check all the working data on the electronic display (3) (see the next page on how to set the electronic device).
- d) The pressure selector (2) serves to adjust the board working pressure. To change the selector position, please move the lever rightwards and let it out of its original slot. Then let the lever slide frontwards or backwards and insert it again into the slot matching the position required: please remember that slot 1 stands for the minimum pressure and that the board pressure will increase by moving the lever to slot 4.
- e) Any pressing cycle starts only if the board (a) is brought down (picture 1) after unblocking the upper board from its secured upright position (picture 2). To unblock the upper board, please move the lever (5) leftwards: this will release the board-locking device, which serves to prevent the upper board from falling down casually. Then please push the lever downwards and bring the board (a) in a horizontal position (picture 1) Please adjust the pressure selector (1) if needed.  
Once the pressing cycle is over, please move the lever leftwards to release the board locking device (5). Then, please push the board (a) upwards (the board springs will assist you in doing so) until the upper board stands upright again (picture 2).

### WARNINGS

Please use the unit very carefully and do not touch the upper board in order to prevent yourself and your clothes from being burnt. Do not use inflammable materials.  
Please grease the brasses from time to time to make the gears of the unit slide properly. The points where oil needs being filled in are marked on the unit as "OIL".

## HOW TO OPERATE THE CONTROL PANEL:

### INSTRUCTIONS

-The control panel serves to adjust the temperature and the time of any pressing cycle.

### OFF CONDITION.

- Under this condition, the electronic circuit is not powered. The main switch of the unit will get the unit on and off. When the main switch is on, the electronic device will advance to the "STAND-BY" condition.

### STAND-BY CONDITION.

- Under this condition, the electronic device is powered, but no function is active. The display is off. All keys are not active but the ON/OFF key. If you press the ON/OFF key, the electronic device will advance to the "IDLE-ON" condition.

### IDLE-ON CONDITION

- When the electronic device advances to the IDLE-ON condition, current values of temperature ( $T^{\circ}\text{set}$ ) and time are logged in. If the current board temperature is lesser than the set board temperature, the board heating elements will at once be on to get the board temperature as high as the set temperature.

Since then, regardless the board temperature, the control panel is ready to be used and all keys are active.



: to get the electronic device back to the **STAND-BY** condition



: to display all the system values in a row



: to increase the value at issue (temperature or time) on display by one.



: to decrease the value at issue (temperature or time) on display by one.

The "START" microswitch is on ; the pressing cycle will start as soon as the press is closed . By then, the current temperature will be displayed. The lowest temperature on display is  $0^{\circ}\text{C}$ ; any temperature below that will be displayed by 3 hyphens. If you press the "SET" key in a row, first the last recorded value of temperature ( set  $T^{\circ}$ ) and then the last recorded value of time will be on display. Whenever the "SET" key is pressed, the led will be on in a different case of the panel control just to make you aware that that a new kind of value (temperature or time) is now on display. From left to right, the first led to be lit will advise you that what is on display is the current board temperature, the second led to be lit will stand for the set temperature, the last one for time.

## HOW TO OPERATE THE CONTROL PANEL:

### HEATING ELEMENTS (when it is on/off)

As said before, heating elements are active when the circuit is under the "idle-on" condition. Clearly, they come on whenever the current temperature of the upper board is lesser than the temperature which has been set. If so, heating elements come on until the set temperature has not been reached, regardless what value is currently displayed. Then, they will stay on to keep the board temperature as close as possible to the set temperature, with a discrepancy by  $\pm 5^{\circ}\text{C}$ .

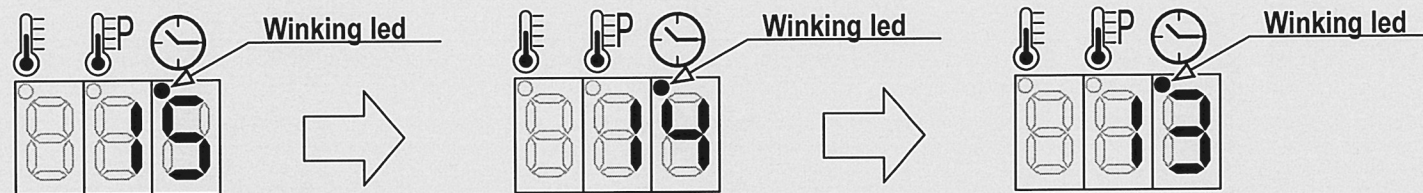
### HOW TO SET TEMPERATURE/TIME VALUES

When the temperature or the time value is on display, they may be changed by pressing the keys: (+) and (-) as much as you like. **But that is never allowed as long as you press (namely when the press is closed).** Whenever "+" or "-" keys are pressed, the value on display will be increased or decreased by one. The new value will be automatically recorded in 2 seconds' time since the last key ("+" or "-") has been pressed. If so, the new value will wink on the display. Should there be any tension drop during this interval, the new value will not be recorded. The control panel will then display the last recorded value.

### HOW TO START THE PRESSING CYCLE

The pressing cycle may start regardless of the temperature of the upper board and of the value on display. As soon as you begin to press, the press timer starts. To do so, please low the upper board (that is to say please close the press); this will result into the START microswitch, which is duly fitted into the unit coming on and will cause the timer to start immediately (according to the set time).

As a consequence of that, the pressing time, expressed in seconds, will be displayed and counted down; the timer led will be winking to prove the unit is now pressing. Assuming the pressing time has been set at 15 seconds, you will see the following sequence:



...Until the set time is over. (See the following paragraph "end of the pressing cycle"). As long as you press, the values of both the set temperature and the current board temperature may be displayed if you press the "SET" key. However, these values can not be changed in this stage. The relevant leds will wink all time to prove the unit is pressing. So, even if these values are displayed, the right workings of the unit will not be undermined.

## HOW TO OPERATE THE CONTROL PANEL:

### END OF THE PRESSING CYCLE

When the set time is over, then the whole pressing cycle is over. The display goes off for about 3 seconds while a buzzer comes on for as long. Once this warning system is off, the heating elements of the upper board go off (should they be on when the countdown is over, please go to the paragraph "how heating elements work at the end of the pressing cycle"). Now, the press may be opened and a new cycle may be started.

### HOW TO STOP THE PRESSING CYCLE IN ADVANCE

To stop the pressing cycle before the countdown is over, please press the "ON/OFF" key to bring the circuit back to the "STAND-BY" condition. In this way, when the system is advanced again to the "IDLE-ON" condition (by pressing again the "ON-OFF" key), a new pressing cycle may be started.

### THE PRESS NEEDS BEING OPENED BEFORE THE PRESSING CYCLE IS OVER

If the press needs being opened before the pressing cycle is over, the cycle will not be stopped. The TIMER will keep counting down and the pressing will be carried out with no problems. But if the the press is opened before time and closed again before the set time is over, then the timer will be reset and the pressing cycle will be started again from the beginning.

### HOW HEATING ELEMENTS WORK AT THE END OF THE PRESSING CYCLE

Once the 3-second warning time is over at the end of the pressing cycle, (see the relevant paragraph above) and the press has not been opened, the heating elements go off (if they were on). Once the press is opened, the heating elements will start again to make the current board temperature to be as high as the set temperature. This will happen only under the condition that the current board temperature is lesser than the set temperature.

As a consequence of that, should the press stay close once the pressing cycle is over, you will have:

|  |                             |
|--|-----------------------------|
| if the current board temperature = the set temperature, the heating elements go off  | ok                          |
| if the current board temperature < the set temperature, the heating elements keep on | the heating elements go off |

This device has been worked out to avoid any piece of fabric to remain unattended inside the press when the upper board is still heated at the end of the pressing cycle and the end-cycle warnings have been disregarded.

Nb: the time value is expressed in seconds

the temperature value is expressed in °C.

MANUFACTURER'S  
**SPARE PARTS**

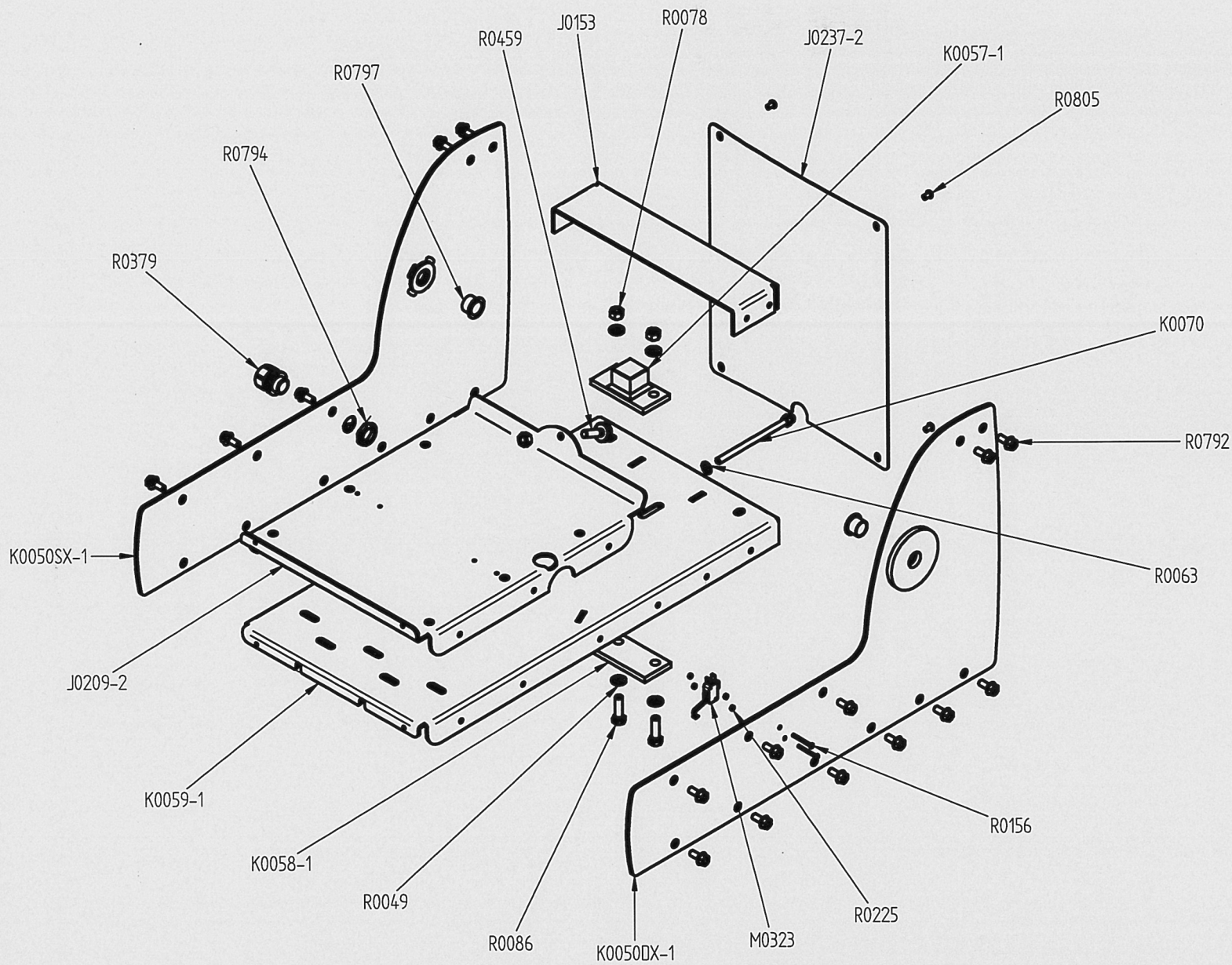
If service is needed, please contact service centres authorized

by the manufacturer and ask for original spare parts to be used.

Whether this warning is disregarded, the safety of the unit

may be undermined.





| COD. | DESCRIZIONE | Q* |
|------|-------------|----|
|------|-------------|----|

|           |                       |    |
|-----------|-----------------------|----|
| J0153     | Angolare superiore    | 1  |
| J0209-2   | Piano basamento       | 1  |
| J0237-2   | Carter posteriore     | 1  |
| K0050DX-1 | Fianco destro         | 1  |
| K0050SX-1 | Fianco sinistro       | 1  |
| K0057-1   | Blocchetto fermo      | 1  |
| K0058-1   | Piastrino regolazione | 1  |
| K0059-1   | Cingolo inferiore     | 1  |
| K0070     | Vire regolazione      | 1  |
| M0323     | Micro finecorsa piano | 1  |
| R0049     | Rondella              | 4  |
| R0063     | Rondella              | 1  |
| R0078     | Dado                  | 3  |
| R0086     | Vite                  | 2  |
| R0156     | Vite                  | 2  |
| R0225     | Dado                  | 4  |
| R0379     | Pressacavo            | 1  |
| R0459     | Vite                  | 1  |
| R0792     | Vite                  | 22 |
| R0794     | Dado pressacavo       | 1  |
| R0797     | Boccola snodo braccio | 2  |
| R0805     | Vite                  | 4  |

\*UNITA' DI PEZZI PER MACCHINA (IN QUESTA VISTA)

N.B. Il disegno è indicativo, serve per visualizzare i componenti della macchina, per una più facile assistenza ad essa.

RICAMBI



Basamento macchina

PLT/S3

11/05/12

TAV2001

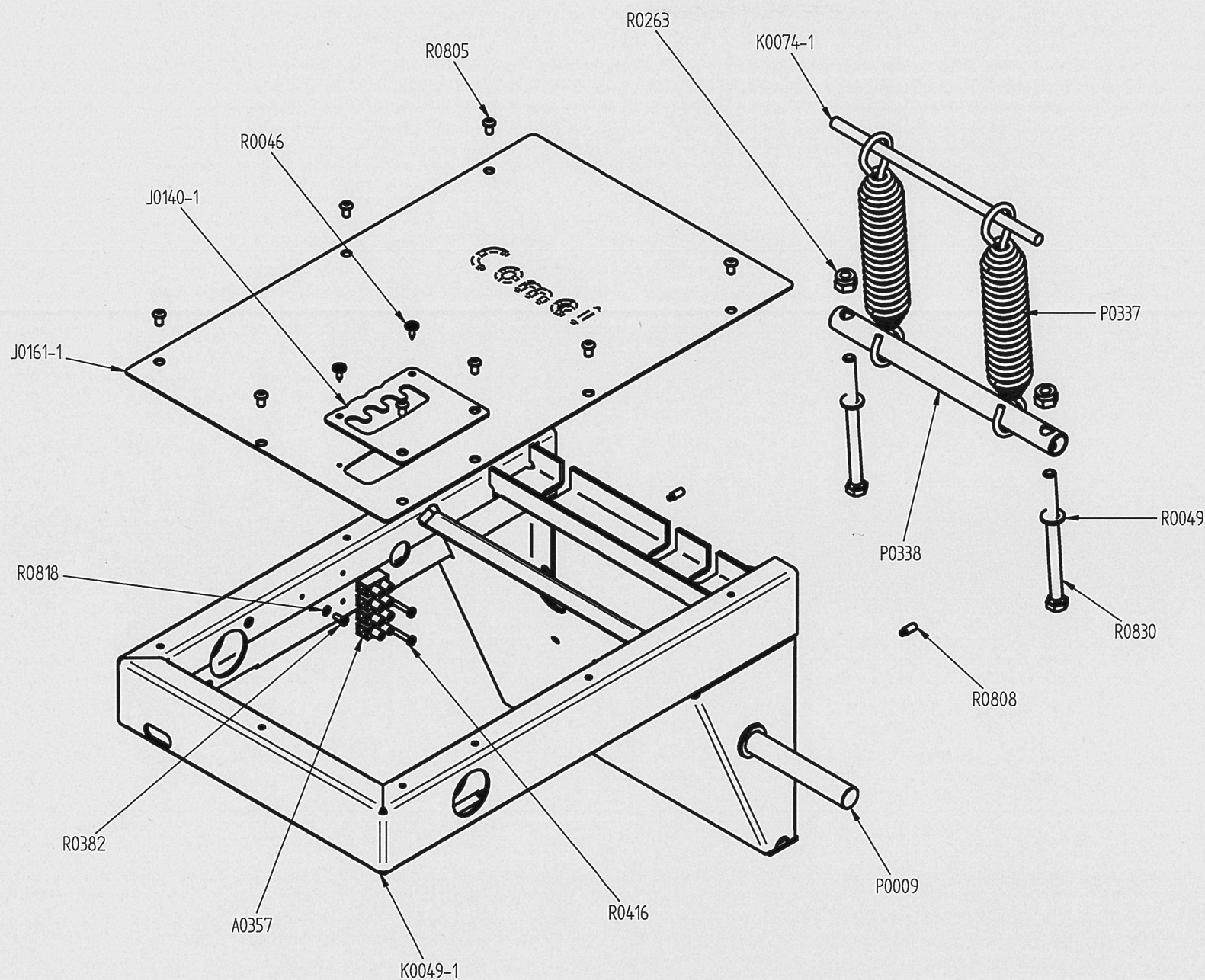
DESCRIZIONE

NOME MACCHINA

DATA ULTIMA MODIFICA

TAVOLA





**COD. DESCRIZIONE Q\***

|         |                        |   |
|---------|------------------------|---|
| A0357   | Morsettiera            | 1 |
| J0140-1 | Selettore di pressione | 1 |
| J0161-1 | Carter superiore       | 1 |
| K0049-1 | Braccio saldato PLT/S3 | 1 |
| P0009   | Perno                  | 1 |
| R0046   | Vite                   | 2 |
| R0382   | Vite                   | 1 |
| R0416   | Vite                   | 2 |
| R0805   | Vite                   | 8 |
| R0808   | Vite                   | 2 |
| R0818   | Rondella               | 1 |
|         |                        |   |
| K0074-1 | Tondino per molla      | 1 |
| P0337   | Molla                  | 2 |
| P0338   | Asta trazione molla    | 1 |
| R0049   | Rondella               | 2 |
| R0263   | Dado                   | 2 |
| R0830   | Vite                   | 2 |

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RICAMBI



Braccio 500-900

PLT

09/10/2012

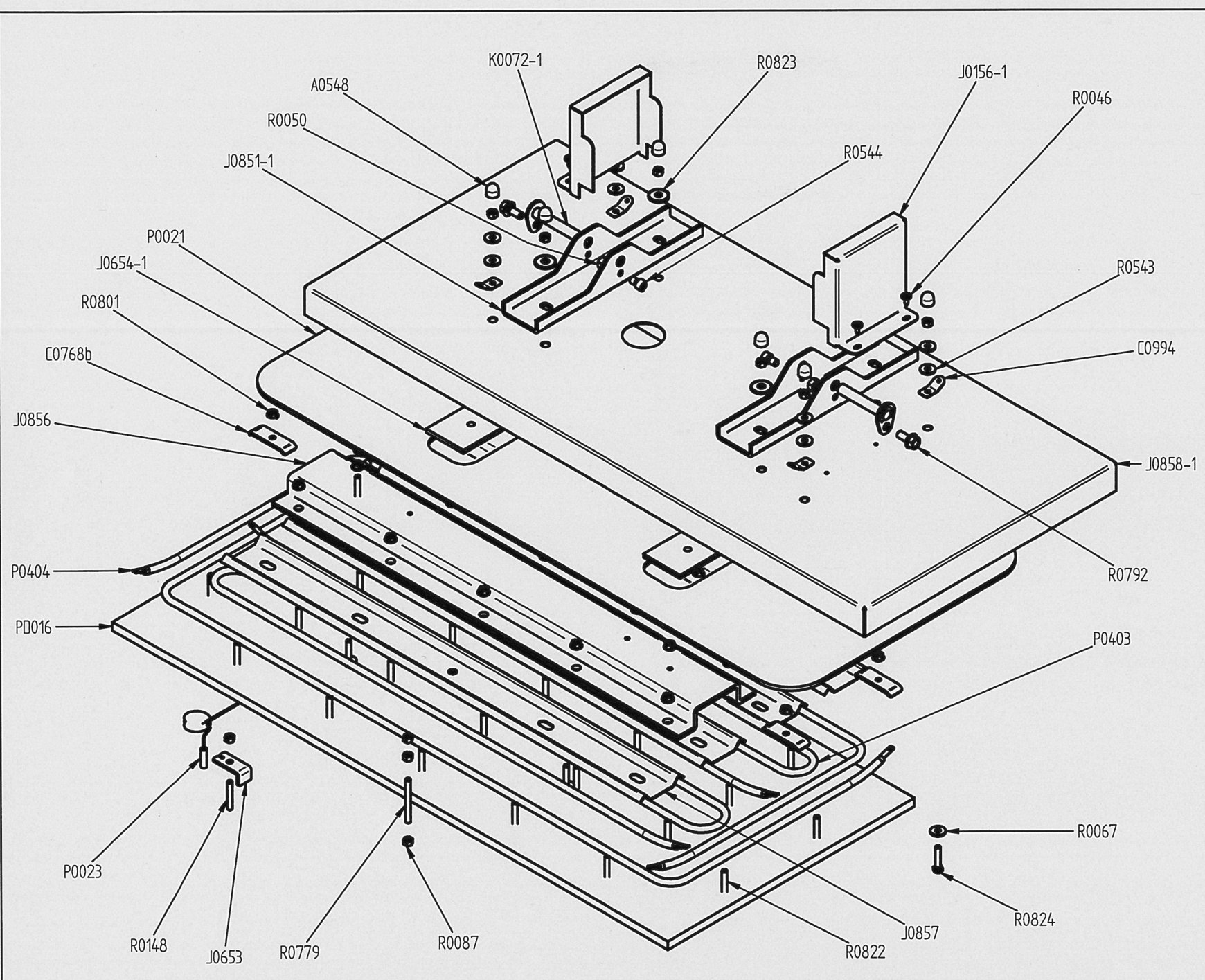
TAV2028

DESCRIZIONE

NOME MACCHINA

DATA ULTIMA MODIFICA

TAVOLA



| COD. DESCRIZIONE |                                 | Q* |
|------------------|---------------------------------|----|
| A0548            | Cappuccio copri dado            | 8  |
| C0768b           | Piastrino fix resistenze        | 4  |
| C0994            | Piastrino per molla telo teflon | 4  |
| J0156-1          | Protezione leveraggio           | 2  |
| J0653            | Fissaggio termocopia            | 1  |
| J0654-1          | Distanziale                     | 2  |
| J0851-1          | Staffa premipiano               | 2  |
| J0856            | Calzatore                       | 2  |
| J0857            | Copriresistenza                 | 4  |
| J0858-1          | Protezione piano                | 1  |
| K0072-1          | Perno ancoraggio piano          | 2  |
| P0021            | Isolante termico                | 1  |
| P0023            | Sonda                           | 1  |
| P0403            | Resistenza w1000                | 2  |
| P0404            | Resistenza w450                 | 2  |
| PD016            | Piano in alluminio              | 1  |
| R0046            | Vite                            | 4  |
| R0050            | Dado                            | 2  |
| R0067            | Rondella                        | 12 |
| R0087            | Dado                            | 12 |
| R0148            | Vite                            | 1  |
| R0543            | Rondella in teflon              | 4  |
| R0544            | Vite                            | 2  |
| R0779            | Vite                            | 1  |
| R0792            | Vite                            | 2  |
| R0801            | Dado                            | 28 |
| R0822            | Vite                            | 24 |
| R0823            | Rondella                        | 4  |
| R0824            | Vite                            | 8  |

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RICAMBI



Piano riscaldato 900

PLT/S3

11/05/12

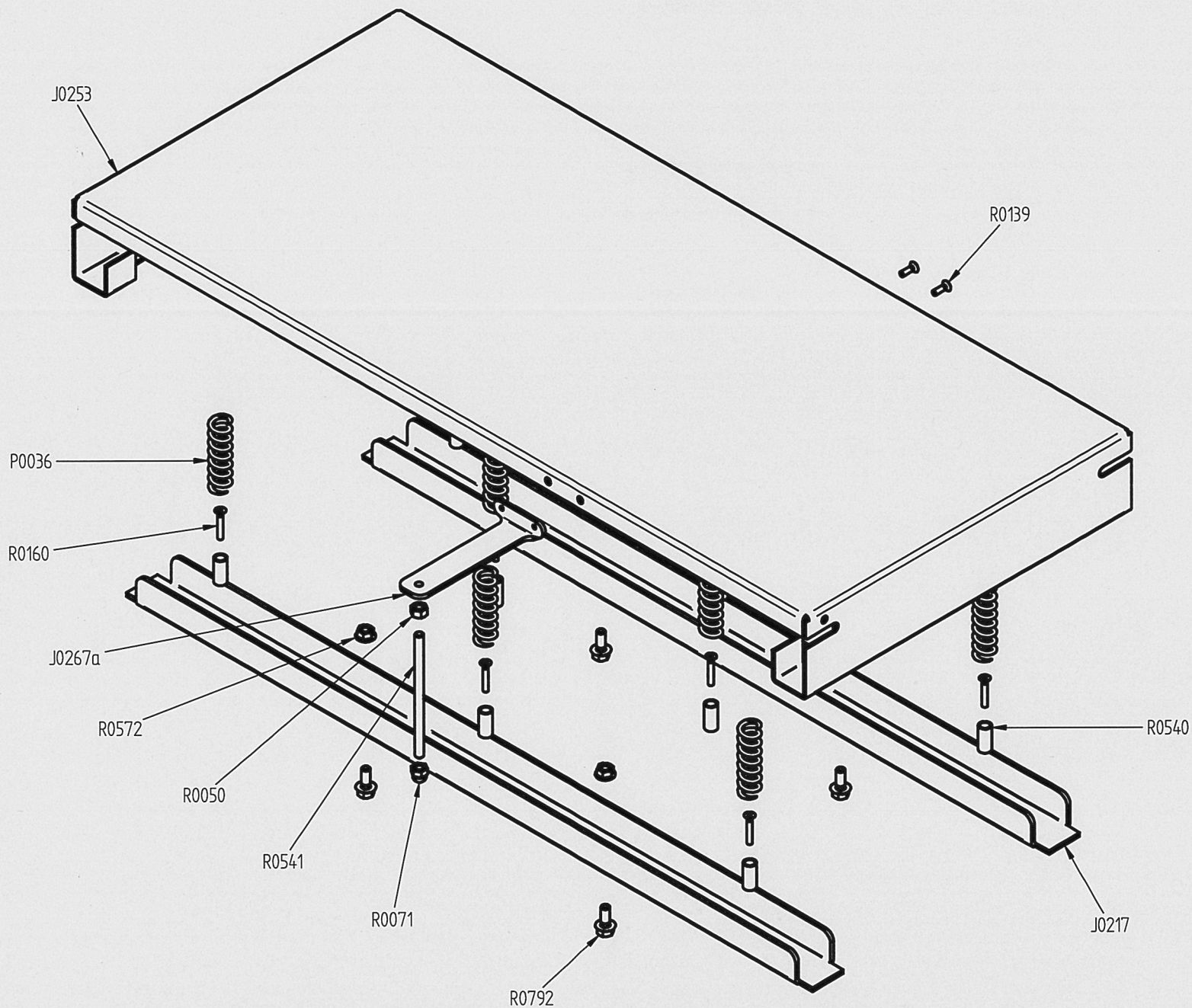
TAV2007

DESCRIZIONE

NOME MACCHINA

DATA ULTIMA MODIFICA

TAVOLA



| COD.   | DESCRIZIONE              | Q* |
|--------|--------------------------|----|
| J0217  | Staffa reggimolle        | 2  |
| J0253  | Piano inferiore          | 1  |
| J0267a | Staffa x vite premimicro | 1  |
| P0036  | Molla piano              | 8  |
| R0050  | Dado                     | 1  |
| R0071  | Dado                     | 1  |
| R0139  | Vite                     | 2  |
| R0160  | Vite                     | 8  |
| R0540  | Tubetto guidamolla       | 8  |
| R0541  | Asta filettata           | 1  |
| R0572  | Dado                     | 4  |
| R0792  | Vite                     | 4  |

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RICAMBI



Piano di spinta 900  
DESCRIZIONE

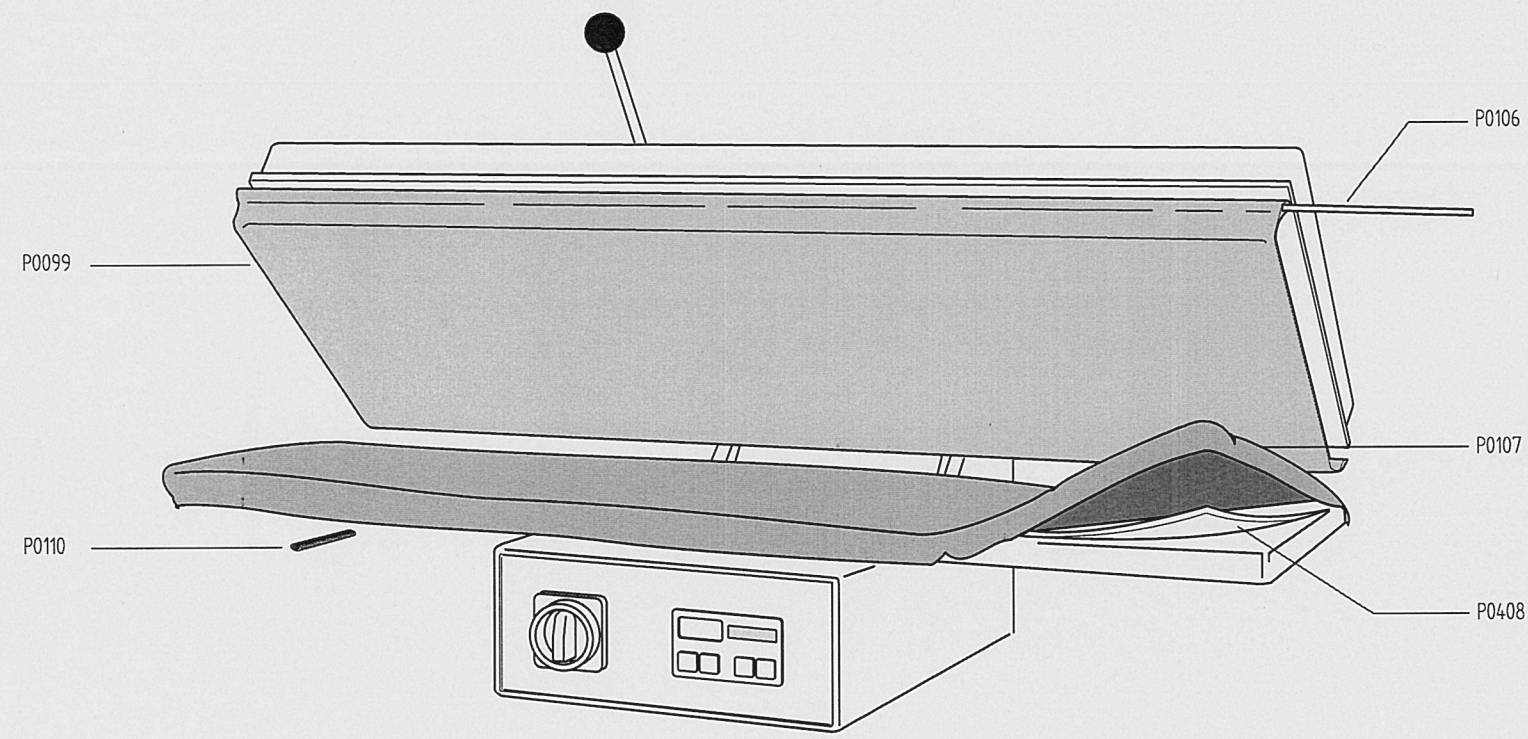
PLT/S3  
NOME MACCHINA

11/05/12  
DATA ULTIMA MODIFICA

TAV2008  
TAVOLA

| COD. | DESCRIZIONE | Q* |
|------|-------------|----|
|------|-------------|----|

|       |                     |   |
|-------|---------------------|---|
| P0106 | ASTA REGGITELO      | 2 |
| P0107 | FODERINA PIANO      | 1 |
| P0110 | MOLLA TENDIFODERINA | 2 |
| P0099 | TELO SILICONE       | 1 |
| P0408 | FELTRO BIANCO       | 1 |

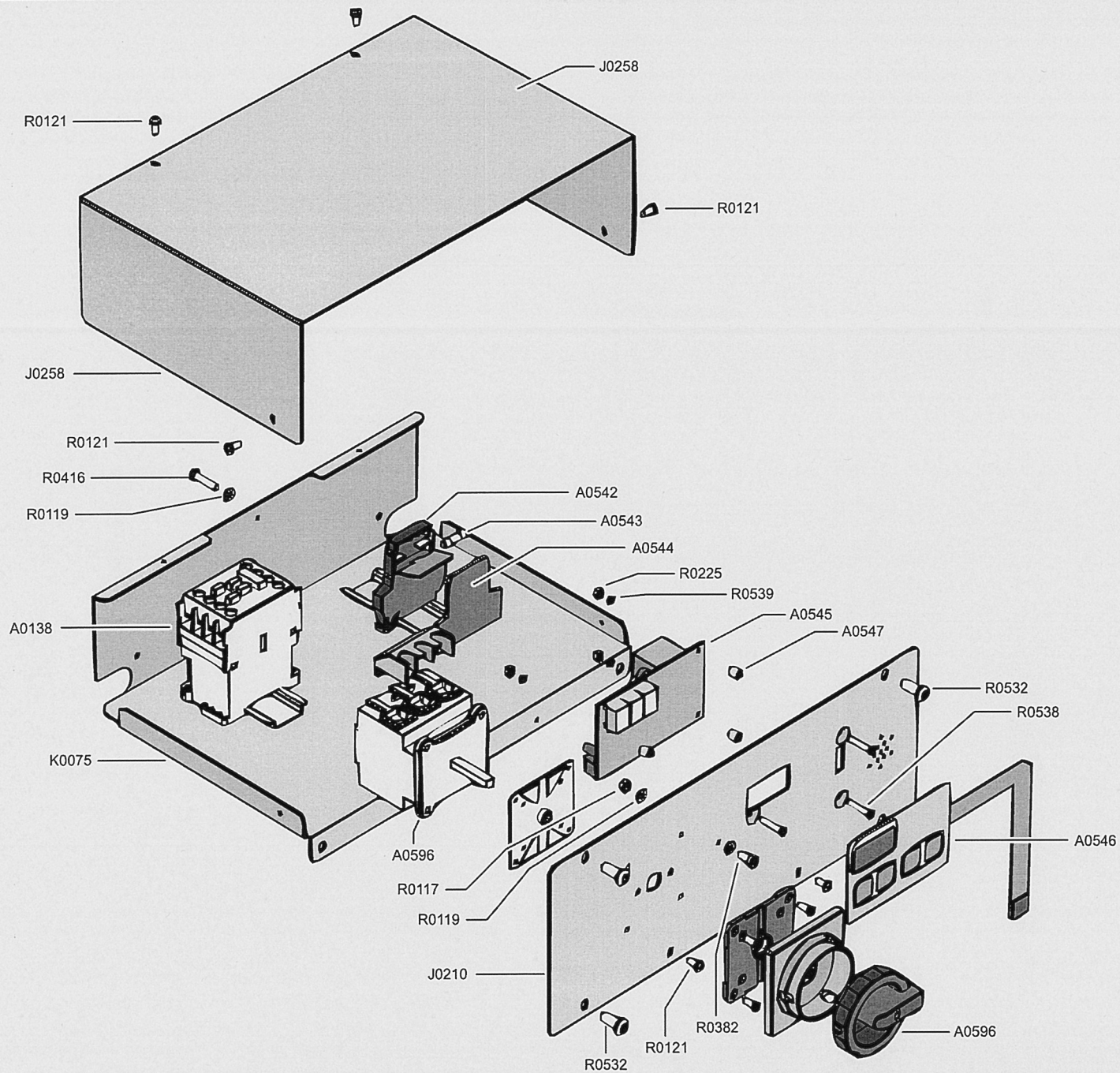


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RICAMBI **Comel**

|                                |               |                      |          |
|--------------------------------|---------------|----------------------|----------|
| PARTICOLARE RIVESTIMENTO PIANO | PLT           | 22/05/12             | TAV-2016 |
| DESCRIZIONE                    | NOME MACCHINA | DATA ULTIMA MODIFICA | TAVOLA   |



| COD.  | DESCRIZIONE           | Q* |
|-------|-----------------------|----|
| A0138 | TELERUTTORE           | 1  |
| A0542 | PORTA FUSIBILE        | 1  |
| A0543 | FUSIBILE              | 1  |
| A0544 | COPERCHIO             | 1  |
| A0545 | SCHEDA ELETTRONICA    | 1  |
| A0546 | MEMBRANA SCHEDA       | 1  |
| A0547 | DISTANZIALE           | 3  |
| A0596 | INTERRUTTORE GENERALE | 1  |
| J0210 | MASCHERINA COMANDI    | 1  |
| J0258 | COPERCHIO             | 1  |
| K0075 | PARTE INFERIORE       | 1  |
| R0117 | DADO                  | 1  |
| R0119 | RONDELLA              | 3  |
| R0121 | VITE                  | 6  |
| R0225 | DADO                  | 3  |
| R0382 | VITE                  | 1  |
| R0416 | VITE                  | 1  |
| R0532 | VITE                  | 4  |
| R0538 | VITE                  | 3  |
| R0539 | RONDELLA              | 3  |

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RICAMBI



SCATOLA CABLAGGIO

PLT

22/05/12

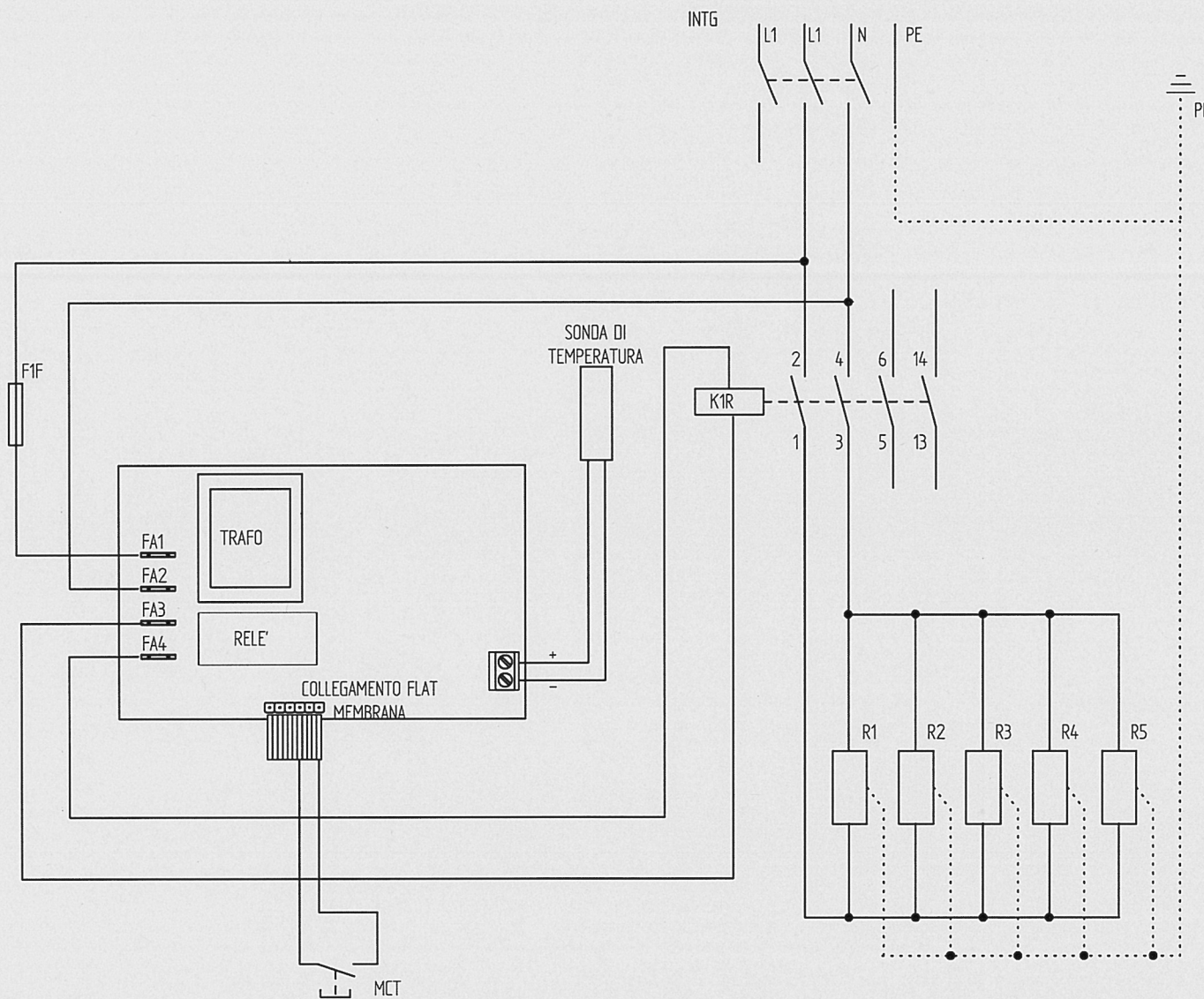
TAV-2020

DESCRIZIONE

NCME MACCHINA

DATA ULTIMA MODIFICA

TAVOLA



| SIM      | DESCRIZIONE           |
|----------|-----------------------|
| INTG     | INTERRUTTORE GENERALE |
| L1-L2    | LINEA                 |
| N        | NEUTRO                |
| PE       | CONDUTTORE DI TERRA   |
| F1-F2-F3 | FUSIBILI              |
| K1R      | CONTATTORE            |
| F1F      | FUSIBILE              |
| MCT      | MICRO CONTA TEMPO     |
| FA1      | FASE                  |
| FA2      | NEUTRO                |
| FA3-FA4  | COMANDO TELERUTTORE   |
| R1-R2-R3 | RESISTENZE PIANO      |
| R4-R5    |                       |

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ELETTRICO



SCHEMA ELETTRICO

22/05/12 SE-1003

DESCRIZIONE

NOME MACCHINA

DATA ULTIMA MODIFICA

TAVOLA