



04-08-2009

STEMA S.n.c.
di Stefano Tabarrin e Mauro Gnani
www.stemasnc.it
e-mail: info@stemasnc.it

DECLARATION OF CONFORMITY CE

STEMA s.n.c. situated in PARONA PV (27020) - Via Artigianato,18 ITALY
declares than the machine

Model.....TS14
Connected Volt 400 hz.50
Matriculation number4438
Operative manual.....TS14

It is conforming to the regulations of the machines directive and following integrations (98/37/CE)

Machine is conforming to the directive of electromagnetic compatibility 89/336/CE, to the directive of low tension 73/23/CE and following integrations of the rules harmonized en 50081-1 (93) and en 50082-1(95).

STEMA s. n. c.

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Legal representative GNANI MAURO

Качество Демо-файлов хуже, чем качество оригинала

**IRONING TUNNEL
IN FOUR RUNNER**

TS14

STEMA

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Useful information and instructions of general character

Section 1: presentation of the machine

Technical characteristics
Instructions for the displacement
Instructions for the unpack
Conditions of guarantee

Section 2: installation of the machine

General norms of installation of the machine
Where to place the machine
Type of electric feed and relative electric protections
Pneumatic connection of the machine

Section 3: use of the machine

Allowed and not allowed use of the machine
Mentions about machine operations
Adopted safety systems

Section 4: maintenance of the machine

Maintenance instructions.
Periodic and extraordinary maintenance.
Diagnostic.
Putting off duty and dismantlement.

Section 5: exploded and schemes for the reparation of the machine and order of spare parts

TAV. 1
TAV. 2
Electric scheme - Summary electric scheme
Declaration.

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WARNING!

Read with care the instructions contained in the present book: they furnish important indications regarding safety of installation, use and maintenance

Keep it for future reference

Remember the model and the serial number of the machine and give it to your dealer when you require service

The manual constitutes integral and essential part of the machine and it must be delivered to the operator that must hold it in good conditions and available in any moment for to consultation.

This machine must be destined to the use for which has been expressly planed only. Every other use is to consider improper and therefore dangerous.

It is excluded any contractual and extra-contractual liability of the builder for damages arising from bad installation or improper use or operations and however by non-observance of the instructions furnished by the builder himself.

In case of spoiled, bad operations of the machine or if you are in any doubt, disarm it (take off the electric feed and close the faucet of the air) and abstain from any attempt of reparation or direct intervention: consult professionally qualified people exclusively.

On say "professionally qualified people" whom have specifies technical competences in the sector of the machines for footwear.

Repairs must only be carried out by a service centre authorized by the House builder using original exchanges only. Improperly carried out repairs can cause serious danger to user. To guarantee the efficiency of the machine and for his correct operation it is essential to make, by professionally qualified staff, the periodic and annual maintenances following the instructions of the builder.

If the machine it had to be sold or transferred to other owner, always make sure that the manual accompanies the machine so that can be consulted by the new owner e/o by the technician.

This manual is to refer to the period of marketing of the machine, therefore it can vary in the contents subsequently to updating or improvements that the builder can introduce to the same machine in any moment and without warning.

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Section 1: Presentation of the machine

The machine TS14 is employed in the footwear sector to iron and to stabilize the upper on the mould.

In the footwear productive cycle, the machine is inserted in the assembly-bay after CALZERA machine.

Machine must be used by two operators: one for loading and one for unloading

It produces from 500 to 2000 pairs of shoes in a standard period of job calculated in 8 h.

Remember that the machine must be exclusively destined to the use for which has been expressly planned and so like footwear machine.

Every other use is to consider improper and dangerous, therefore the builder declines every responsibility for possible damages caused by such wrong and unreasonable use.

The machine has been planned and built according to the CE safety and electromagnetic compatibility rules.

Technical characteristics

Height	CM 150
Width	CM 100
Depth	CM 240
Weight	KG 300
Electric feeding	V.400 three-phase
Frequency	HZ 50/60
Installed power	KW 13
Max consumption electric	KW/h 7
Level of noisiness	dBA < 70
Daily production	About 2000 pairs in 8 h

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Conditions of guarantee

Every machine is preventively tested by the builder to guarantee the correct operation of every part and function of it.

Machine is guaranteed for one year since the date of delivery previous presentation of the Certificate of Guarantee released by the STEMA s. n. c.

The guarantee covers the replacement or free reparation of the parts that results defective to the origin for vices of manufacture.

They are excluded from guarantee all the parts that result defective because of negligence or carelessness in the use, wrong installation, or maintenance operated from not professionally qualified staff. They are also excluded from the guarantee all the parts of consumption like felt, light bulbs, fuses, etc.

The guarantee is not valid in case of improper use of the machine or of use of the same without respect of the limits of employment and use.

STEMA s.n.c. declines every responsibility for possible damages that are able, directly or indirectly deriving to persons e/o things, caused by wrong installation or use and however from non-observance of the instructions furnished by the builder himself.

The expenses of transport for delivery of the spare parts will be to total charge of buyer.

In the case of technical intervention will be debited the expenses really sustained (transfer, manpower, etc.).

Possible compensation for damages cannot however overcome the real cost of the replaced parts or amount for technical intervention of reparation.

The builder declines every liability for missed proceeds e/o losses of production therefore the buyer cannot advance other request of compensation for damages, reduction of the price or resolution of the contract.

We are to your disposal at the following address:

STEMA s.n.c. of Tabarrin Stefano and Gnani Mauro

PARONA (PV) 27020 Italy

Telephone 0039-384-253629

FAX 0039-384-253823

E-MAIL info@stemasnc.it

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INSTRUCTIONS FOR DISPLACEMENT

At delivery unload and every following displacement of the machine it must be effected exclusively by elevator machine and by professionally qualified people.

Put elevator machine blades under the machine and control stability of it. Lift and move with extreme caution.

Keep away people not in charge for loading and unloading operations.



INSTRUCTIONS TO REMOVE THE PACKING

The machine will be delivered adequately packed in every part of it. Pack it will be of plastic material (film), with more protection of the particularly delicate parts.

The mobile parts that must have placed at the moment of the installation and store parts are contained in the pack itself and they consist in:



- N. 1 manual of instructions

After removing the package, verify the integrity of the machine. In case of doubt not use it and address to professionally qualified people.

Every machine is tested in factory before the delivery, therefore if damages have been inform the forwarding-agent immediately.

The machine is equipped with manual of technical instructions that must be keep in good conditions and available in any moment for the consultation.

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Section 2: Machine installation

GENERAL NORMS OF INSTALLATION

Instructions

Installation must be effected according to the instructions of the builder by Professionally Qualified People.

Professionally Qualified People are whom have specifies competences in the footwear machines sectors. In every case phoning to the STEMA. S.n.c. sales office you can have useful information to find the nearest authorized service centre.

A wrong installation can cause damages to people and things towards which the builder can not be considered responsible.

To get a correct installation of the machine you must predispose adequate electric and pneumatic feeding lines. For installation is well to respect the following regulations:

- A) Unpack the machine having care to verify that has not suffered damages during the transport; every apparatus is tested by the builder before the delivery, so if it has been some damages inform the carrier immediately.
- B) Connect the machine electrically.
- C) Fill the tank with water
- D) Check the rotation direction of the ventilation and transport motors
- E) Verify that the machine does all its functions correctly.
- F) Instruct the operator that must use the machine.



WHERE PLACE THE MACHINE

The machine TS14 must be placed in the assembly-bay after CALZERA machine.

ELECTRIC CONNECTION

Make electric connection according to the electric scheme of assemblage checking that the feeding tension is that one indicated on the registration plate positioned on the back of the machine.

The feeding cable of the machine must be protected by people who will effect the installation with an interrupter-sezionatore with fuses that must be in the following way: 20A - V380 40A - V20

N.B. Electric safety of the machine is reached only when the same is connected correctly to an efficient grounding plan (don't according to the safety norms in force).

Key



allow you to enter in to the selection program menu
end to confirm that you wish



By pressing you can increase o reduce
visualized values



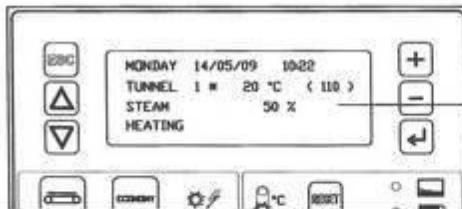
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°C Flashing - not enough temperature in the tunnel
 Lit up - tunnel temperature has been reached


- Motor emergency (fan 1 , tranport)
- Lack of water in the tank

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Switch ON general key to start the machine



If on the screen you read "LACKING IN WATER"
To fill the tank lacking in water

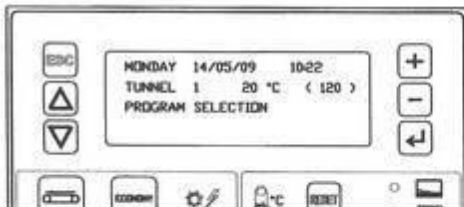
Tunnel fans will come in to operation . On the display
will appear the sign "heating"
red led will flash until  °C

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Confirm by key
program suitable for the working

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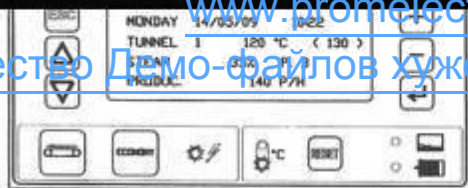
If you want change one or more parameters
press key



and then



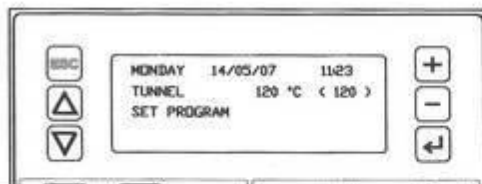
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Make a new PROGRAM (°C. tunnel ; % steam ; production)



If you need one or more new program
pres key



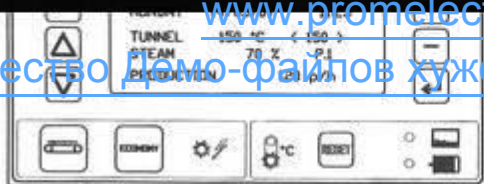
and then



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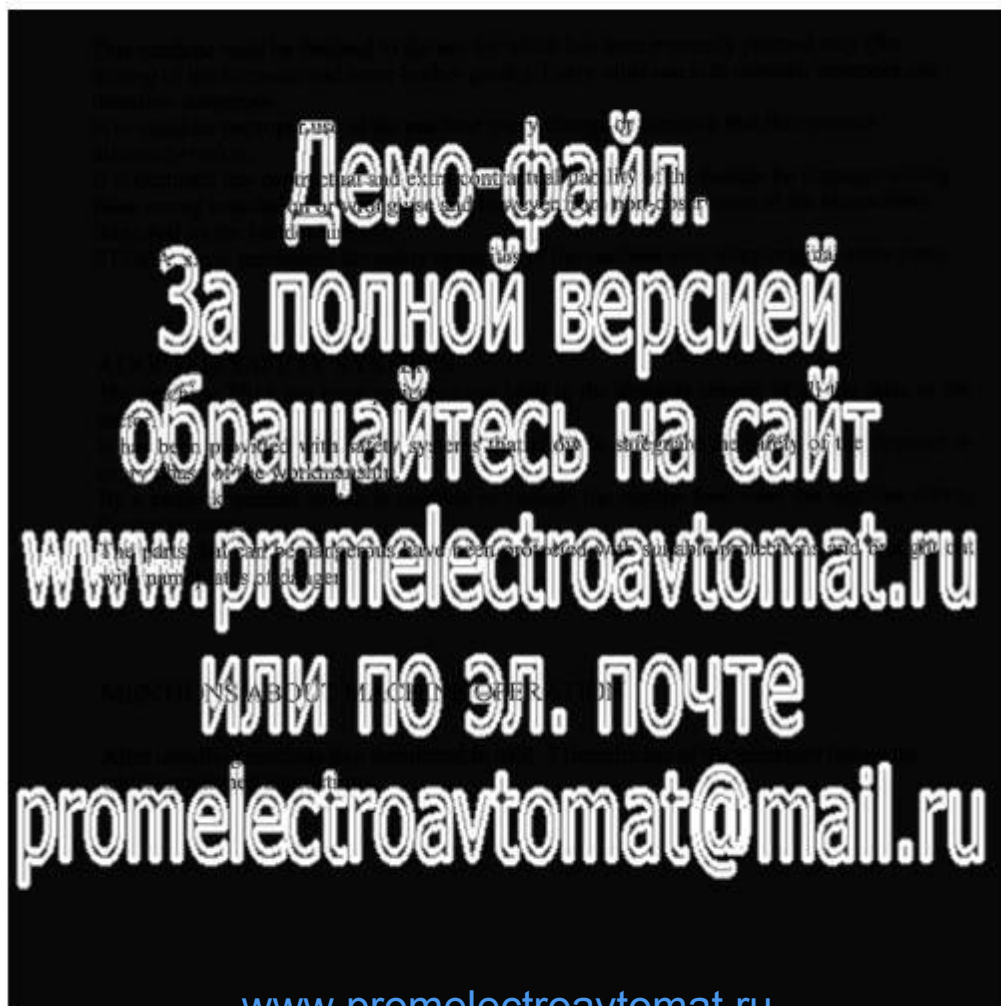


Press
the new values

to put in memory

Section 3: Use of the machine

RIGHT AND WRONG USE OF THE MACHINE



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Section 4: Maintenance of the machine

INSTRUCTION FOR MAINTENANCE

For all the maintenance operations use always professionally qualified people.

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If you intend to dismantle the machine observe the followings points to safeguard health and the environment.

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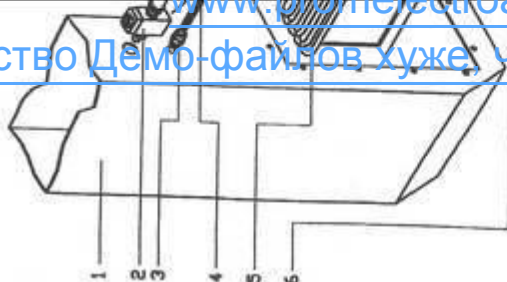
- A) All plastic material components should be disposed of separately from all the other materials
- B) Pneumatic and electric components must be used again if still in good conditions
- C) All metallic parts must be demolished

TAV.1

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TAV.2

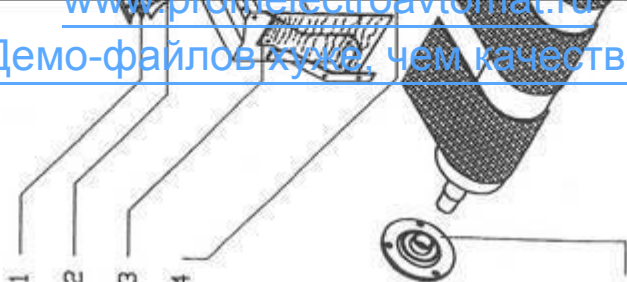
САМОНАСТРОЙКА А. С. 2004 г.

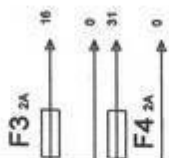
14

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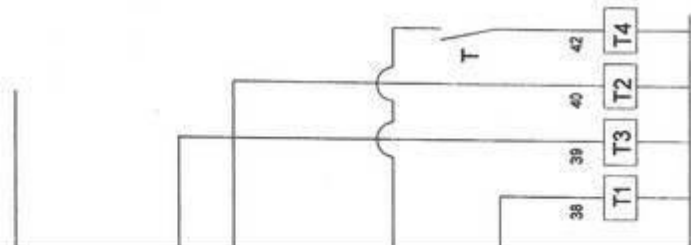
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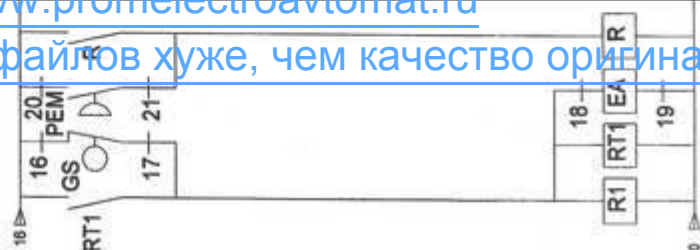
11
12
13
GND



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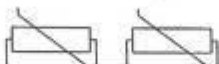
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PROBE TUNNEL

PROBE BOILER



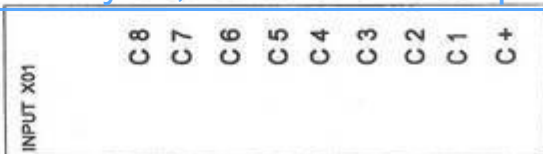
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CONNECT

SBS STEMA



SUMMARY

IG	General switch 40A	50-021
FU	Fuses - protection to connect the machine 25A	
TF	Transformer 200VA	70-006

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VALORI DI DEFAULT

THUERSDAY	14/05/07	13:45
TUNNEL	■ 135 °C	< 135 >
STEAM	00 %	P. 1
PRODUCTION	150	p/h

**SINTETIC
P.01**

Temp. tunnel - 135°C
STEAM 00%
PRODUCTION 150 p/h

THUERSDAY	14/05/07	13:45
TUNNEL	■ 125 °C	< 125 >
STEAM	30 %	P. 2

**SINTETIC
LEATHER**

Temp. tunnel - 125°C
STEAM 30%

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PRODUZIONE 150 p/h

PRODUZIONE 150 p/h

Качество Демо-файлов хуже, чем качество оригинала

THUERSDAY	14/05/07	13:45
TUNNEL 1	■ 130 °C	< 130 >
VAPORE	90 %	P.10
PRODUZIONE	150	p/h

**FREE
P.10**

Temp. tunnel 1 - 130°C
VAPORE 90%
PRODUZIONE 150 p/h