

TECNOVAP

L'ARTE DEL VAPORE

User instruction

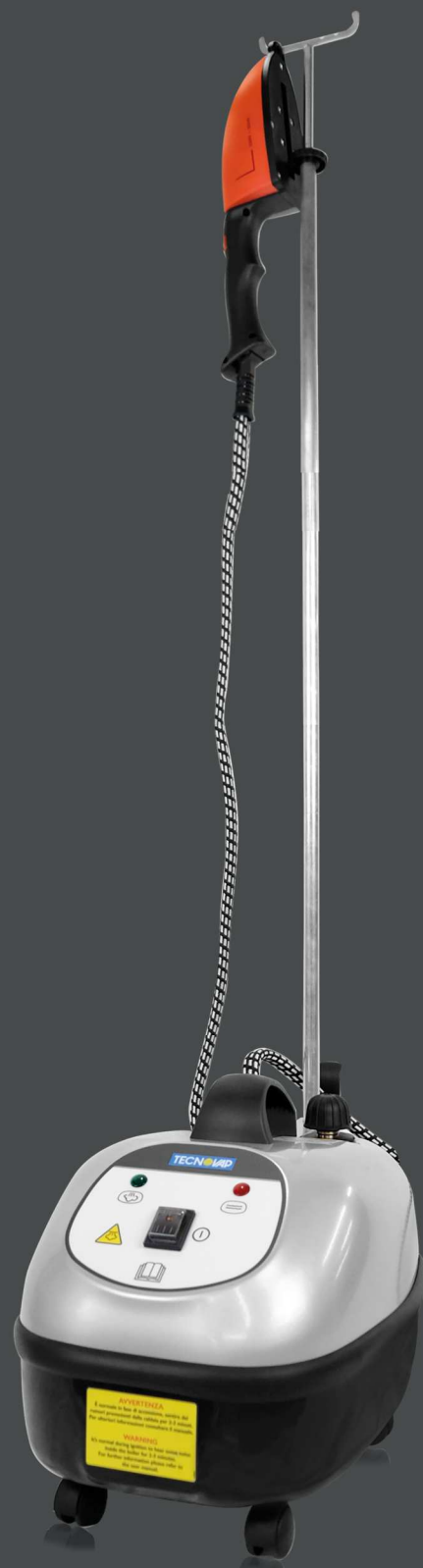
• TOSCA SMART



This manual is available in digital format, by submitting a specific request to the following address: info@tecnovap.com

visit our website

WWW.TECNOVAP.IT



INTERPRETATION OF THE SYMBOLS PLACED ON THE UNIT

BEFORE USING THIS APPLIANCE, READ AND COMPLY WITH THESE USER INSTRUCTIONS.

KEEP THESE INSTRUCTIONS FOR CONSULTATION WHEN REQUIRED AND PROVIDE THEM WITH THE APPLIANCE IF PASSED ON TO THE SUBSEQUENT OWNERS.

BEFORE USING THE APPLIANCE FOR THE FIRST TIME, YOU MUST READ THE SAFETY REGULATIONS GIVEN IN THIS MANUAL.

ANY DAMAGE CAUSED DURING TRANSPORTATION MUST BE PROMPTLY NOTIFIED TO YOUR RETAILER.



WARNING!!
STEAM.... DANGER OF SCALDING

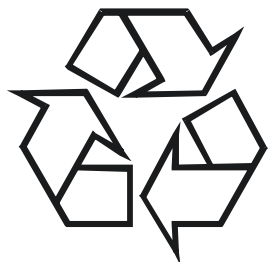


WARNING!!!



READ THE OPERATOR MANUAL.

ENVIRONMENTAL PROTECTION



ALL PACKAGING IS RECYCLABLE. THE PACKAGING MUST NOT BE DISPOSED OF IN THE HOUSEHOLD WASTE, BUT MUST BE DELIVERED TO AN AUTHORISED COLLECTION CENTRE.



DECOMMISSIONED APPLIANCES CONTAIN PRECIOUS RECYCLABLE MATERIALS AND SHOULD THEREFORE BE DELIVERED TO A COLLECTION CENTRE. ELECTRICAL AND ELECTRONIC APPLIANCES, BATTERIES, OIL AND SIMILAR SUBSTANCES MUST NOT BE RELEASED INTO THE ENVIRONMENT. PLEASE DISPOSE OF THESE USING APPROPRIATE SEPARATED WASTE COLLECTION SYSTEMS.

SUBSTANCES SUCH AS ENGINE OIL, DIESEL, PETROL OR OTHER FUELS MUST NOT BE RELEASED INTO THE ENVIRONMENT. PROTECT THE SOIL, DISPOSE OF USED OIL IN COMPLIANCE WITH ENVIRONMENTAL LAWS.

The user may return the appliance for disposal to the retailer when purchasing a new equivalent appliance, on a one-to-one basis.

SUMMARY

1. RISK PREVENTION
2. INTRODUCTION
3. TECHNICAL FEATURES
4. NOMENCLATURE
5. TECHNICAL DRAWINGS
6. USER INSTRUCTIONS
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8. BEFORE CONTACTING THE TECHNICAL ASSISTANCE CENTRE
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1. RISK PREVENTION

1.1 SAFETY COMPONENTS

SAFETY VALVE This machine is equipped with a safety valve, able to ensure the safety of the machine itself in case other primary control devices are inefficient (due to a failure). Due to the extreme importance of this component and as not to compromise the safety of the machine, it is recommended to provide to check it and to substitute it through an authorized service center every 2 years starting from the purchasing date.

PRESSURE SWITCH This machine is equipped with a pressure switch able to check and to maintain the pressure under certain preset limits (ref. “rated pressure” on the technical label underneath the machine). In case there would be a steam leakage on the upper side of the machine, it means that the functioning of this device has been compromised and the safety valve has been involved as to limit the boiler’s internal pressure. **It is recommended not to use the machine, immediately unplug the machine from the power feeding and call the service center.**

THERMOSTATS The unit is equipped with thermostats able to control the overtemperature, in case the main control system becomes inefficient, they would intervene permanently by deactivating the boiler heating. If this occurs, disconnect the power plug and contact a service center.

1.2 MEASURES TO BE FOLLOWED

- Do not open or remove parts of the machine for any reason, if the appliance has an operating fault or malfunction, remove the power plug and contact an authorised technical assistance center or the store where the appliance was purchased.
- The appliance must be connected to the mains power by a qualified electrician and must conform to the contents of IEC 60364-1.
- If the power cable is damaged, it must be replaced by the manufacturer or a technical assistance center, or in any case by a person with similar qualifications, in order to prevent all risks.
- Make sure that the power supply to this appliance is fitted with a differential device which can cut off the power supply if the leakage current to earth exceeds 30 mA for 30 ms, or a device that can check the earth circuit.
- Risk of explosion. Do not spray flammable liquids.
- Do not use the machine if there are any persons standing within the radius of action.
- High pressure jets can be hazardous if used improperly. Do not direct the jet towards persons, live electrical equipment or towards the appliance itself.
- Do not direct the jet towards yourself or other persons to clean clothing or footwear.
- Disconnect the mains power by removing the plug from the power socket, before carrying out any maintenance.
- This appliance is not intended for use by people (children included) with impaired physical, mental or sensory capacities or with insufficient experience and / or expertise, unless they are being supervised or instructed on the use of the appliance by a person responsible for their safety.
- Watch over any children to make sure that they do not play with the machine.
- To ensure the safety of the appliance, use only original spare parts supplied or approved by the manufacturer.
- The hoses, accessories and couplings are very important for the safety of the appliance. Use only hoses, accessories and couplings recommended by the manufacturer.
- Do not use the appliance if the power cable or other important parts have been damaged, for example safety devices, high pressure hoses or trigger gun.
- When using an extension cable, the plug and socket must be watertight.
- Inappropriate extension cables may be hazardous.
- The data concerning hand/arm vibrations are not mentioned for this appliance, as they are less than 2,5 m/s².

2. INTRODUCTION

Dear Customer,

Congratulations for choosing this appliance.

The machine before leaving our factory has been tested and tweaked by qualified personnel in order to have the best performing results. This product is equipped with a reliable stainless-steel boiler able to produce a constant, powerful supply of steam.

Tosca Smart is the perfect solution with regards to vertical ironing; it is an easy-to-use device on the cutting edge.

Tosca Smart is manufactured with materials that do not require any specific maintenance and it allows a quick vertical ironing thanks to dry steam.

3. TECHNICAL FEATURES

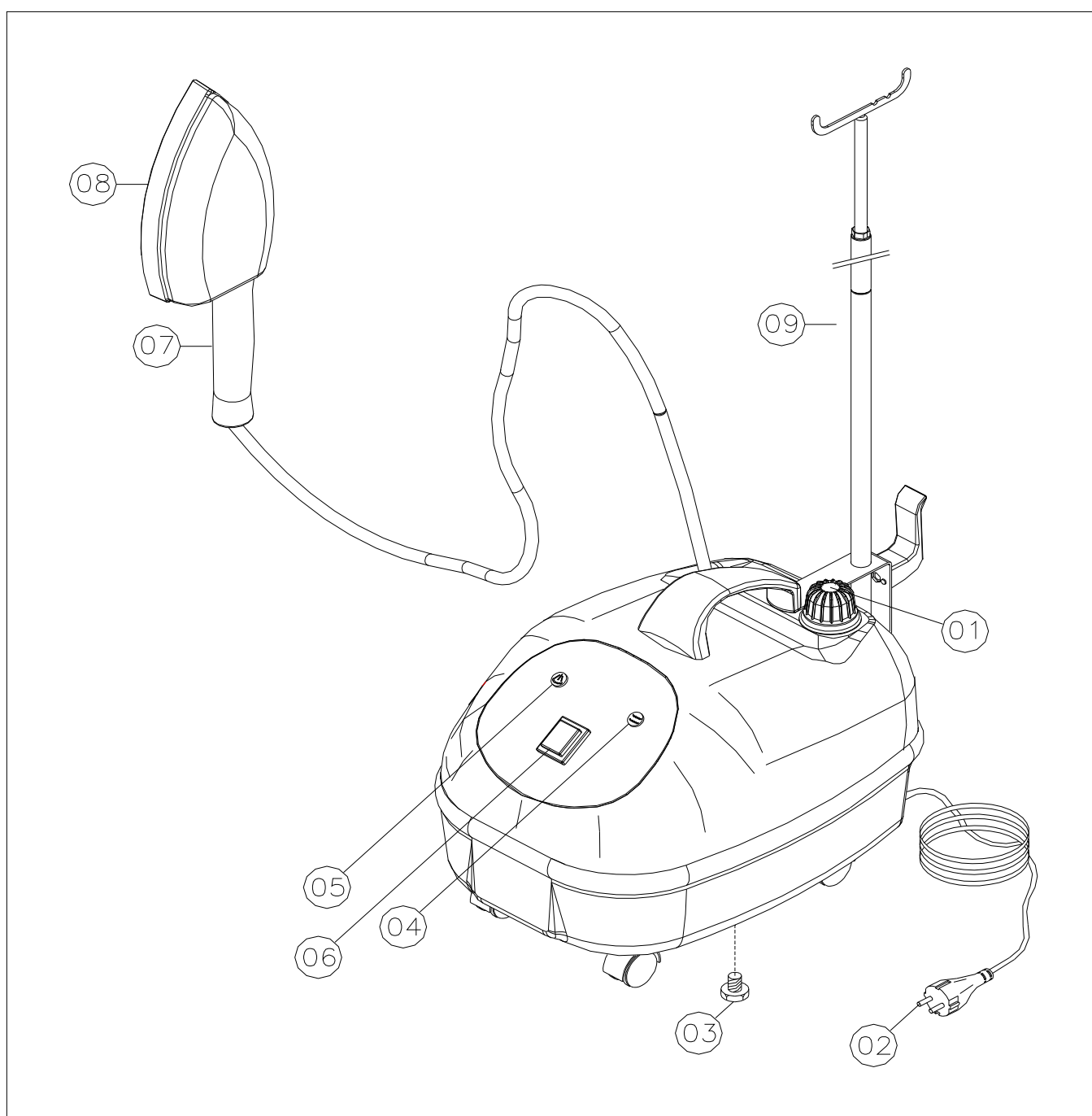
Tecnovap srl, VIA DEI SASSI 1A 37026 PESCONTINA VERONA ITALY

Model		TOSCA SMART
Code		E03003C
Rated Voltage	V	230V
Current type	Hz	50 1~
Rated Power Boiler	kW	2
Rated Power Iron	kW	0,5
Max Rated Power	kW	2,5
Rated Steam Pressure	kPa	300
	bar	3
Permissible Steam Pressure	kPa	600
	bar	6
Max. Steam Rated Flow	g/min	55
Max. Steam Rated Flow	Kg/h	3,3
Max temperature	°C	145
Kickback forces	N	< 20
Vibration hand-arm	m/s ²	< 2,5
Mass	kg	16
Sound pressure level	LpA	< 70 dB(A)

4. NOMENCLATURE

- 01) Boiler cap with safety valve
- 02) Power cord with plug
- 03) Boiler drainage cap
- 04) "Low water" indicator
- 05) Indicator of maximum steam in the boiler
- 06) Main switch
- 07) Steam delivery button
- 08) Brush
- 09) Support for brush

5. TECHNICAL DRAWINGS



6. USER INSTRUCTIONS

Open the packaging and screw the support brush rod.

Open the boiler safety cap (01) and add **maximum 3 liters** of water; **it is recommended to use only softened water, all other liquids can damage the generator or make it unsafe.**

Screw on the safety cap (01) until it completely closes.

ATTENTION

Never unscrew the boiler safety cap during usage, IT MAY CAUSE SERIOUS BURNS.

Insert the plug (02) into an electrical outlet, making sure that the voltage and the amperage correspond to those printed on the plate located under the machine.

Activate the “main switch” ☐ on the front side of the unit to switch it on. The heating elements of the boiler and the iron for vertical ironing will be activated.

Wait until the “indicator of maximum steam” in the  boiler comes on, indicating that the appliance is ready for use. Iron by pressing at short intervals the red button (07) located on the handgrip of the brush.

ATTENTION: Add water only when the machine has cooled down (switched off for at least 5 hours) or fill water into the boiler during use, when the “low water” indicator  lights on, as follows:

ATTENTION

Do never completely unscrew the cap without having read the instructions, IT MAY CAUSE SERIOUS BURNS.

Switch the unit off through the “main switch” ☐. Remove the plug (04) from the power supply, **unscrew the cap (01) a turn and wait until the steam generator has no pressure (all the steam has to come out).**

Only after having verified the absence of pressure it is possible to completely unscrew it. Refill the boiler with water and screw again the boiler safety cap (01) until it completely closes.

Switch the unit on again as above described. Activate again the “main switch” ☐ on the front side of the appliance.

7. MAINTENANCE

7.1 DISCHARGE OF SLUDGE AND SCALE DEPOSITS FROM THE BOILER

Even if the scale buildup in our boiler is limited, we recommend to clean the boiler every 100 hours of work.

WARNING: IT IS RECOMMENDED TO CLEAN THE BOILER ONLY WHEN THE MACHINE HAS COOLED DOWN (SWITCHED OFF FOR AT LEAST 5 HOURS). THE MACHINE SHOULD BE DISCONNECTED FROM THE ELECTRICAL POWER SUPPLY AT LEAST 5 HOURS BEFORE CARRYING OUT THE MAINTENANCE AND FOR ALL THE DURATION OF THE MAINTENANCE PHASE.

It is recommended to follow the procedure indicated above as to make sure that no pressure is left inside the equipment.

Place an adequate recipient under the machine to collect the water drained from the boiler, use the supplied special key in order to remove the boiler drainage cap (03) and then wait until the boiler is completely emptied.

Clean eventual incrustations from the cap (03), check that the seal on the bottom of the cap is in good conditions and replace if necessary (contact your supplier for spare parts).

Properly close the boiler's drain cap and carefully check that it is correctly screwed.

Open the boiler safety cap (01), add **maximum 3 liters** of water and screw on the safety cap until it completely closes.

Insert again the power cord (02) into the electric power outlet and switch the unit on by activating the "main switch" ☐ located on the front side of the unit.

The maintenance of the boiler is finished.

8. BEFORE REFERRING TO THE TECHNICAL SERVICE

PROBLEM	POSSIBLE CAUSE	REMEDY
A few drops of water leak out from the brush.	When starting work condensation forms due to the difference in temperature between the steam and the brush. Too much water in the boiler (more than 3 liters).	After using for a few minutes the problem disappears. If it persists, clean the boiler. Discharge the exceeding steam.
Steam leaks from the valve cap.	The valve cap is not correctly screwed. The rubber seal on the valve cap is damaged.	Screw on the safety cap correctly. Substitute the seal.
Noise inside the generator.	As it cools, after 6 – 7 hours the boiler creates an internal depression, which when switched back on cause vibrations.	Wait for pressure to stabilize (2 – 3 minutes) and the noise stops.

IMPORTANT

- REPAIRS SHOULD BE CARRIED OUT EXCLUSIVELY BY AUTHORIZED PERSONNEL.
- EVENTUAL REPAIRS DONE BY NON QUALIFIED PERSONS COULD BE HAZARDOUS FOR THE USER.
- THE MANUFACTURER DOES NOT ASSUME ANY RESPONSABILITY IN CASE OF NON COMPLIANCE OF THE MAINTENANCE PROCEDURES.

9. EC DECLARATION OF CONFORMITY



DICHIARAZIONE DI CONFORMITA' CE ***(EC DECLARATION OF CONFORMITY)***

TECNOVAP S.R.L. con la presente dichiara che:

Le macchine per pulizia a vapore modello:

(Certifies that the steam cleaning machine model :)

Tosca Smart

Risulta conforme alle specifiche delle direttive

(conforms to the specifications of directives)

2006/95/CE 2004/108/CE 2002/95/CE

Per il controllo della conformità alle sopraindicate direttive, sono stati seguiti i seguenti standard:

(For the checking of conformity to the above directives, the following standards have been used):

Riferimento alle norme armonizzate:

(Reference to harmonized standards):

EN 60335-1

EN 60335-2-3

EN 55014-2

EN 61000-3-2

EN 61000-3-3


Franchini Giuseppe
(Managing Director)

PESCANTINA – VERONA (ITALY) 20-06-2019

Routine maintenance

[illegible]

Extraordinary Maintenance

[illegible]

NOTES

[illegible]



THE MANUFACTURER RESERVES THE RIGHT TO INTRODUCE TECHNICAL AND
STRUCTURAL MODIFICATIONS AND IMPROVEMENTS WITHOUT NOTICE.

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