

INSTRUCTIONS AND MAINTENANCE

VULCANO

**Read the directions carefully before operating.
Don't use the machine differently from following description.**

1. SPECIFICATIONS

MODEL:	VULCANO	VULCANO MAXI	VULCANO RECTANGULAR
POWER SUPPLY:	230 V - 50 Hz	230 V - 50 Hz	230 V - 50 Hz
TOTAL INSTALLED POWER:	3173 W	3373 W	3830 W
IRON POWER:	800 W	800 W	800 W
BOARD POWER:	600 W	800 W	1200 W
VACUUM POWER:	73 W	73 W	130 W
BOILER POWER:	1700 W	1700 W	1700 W
ARM POWER (optional):	150 W	150 W	150 W
BOILER CAPACITY:	3,8 L	3,8 L	3,8 L.
IRONING ENDURANCE:	about 4 hours	about 4 hours	about 4 hours
OPERATING STEAM PRESSURE:	2,8 BAR	2,8 BAR	2,8 BAR
MAXIMUM PRESSURE:	5 BAR	5 BAR	5 BAR
WEIGHT:	39 kg.	42 kg.	44 kg.
OVERALL DIMENSIONS:	140x41x98 h. cm	147x48x98 h. cm	145x58x98 h. cm

MADE IN ITALY

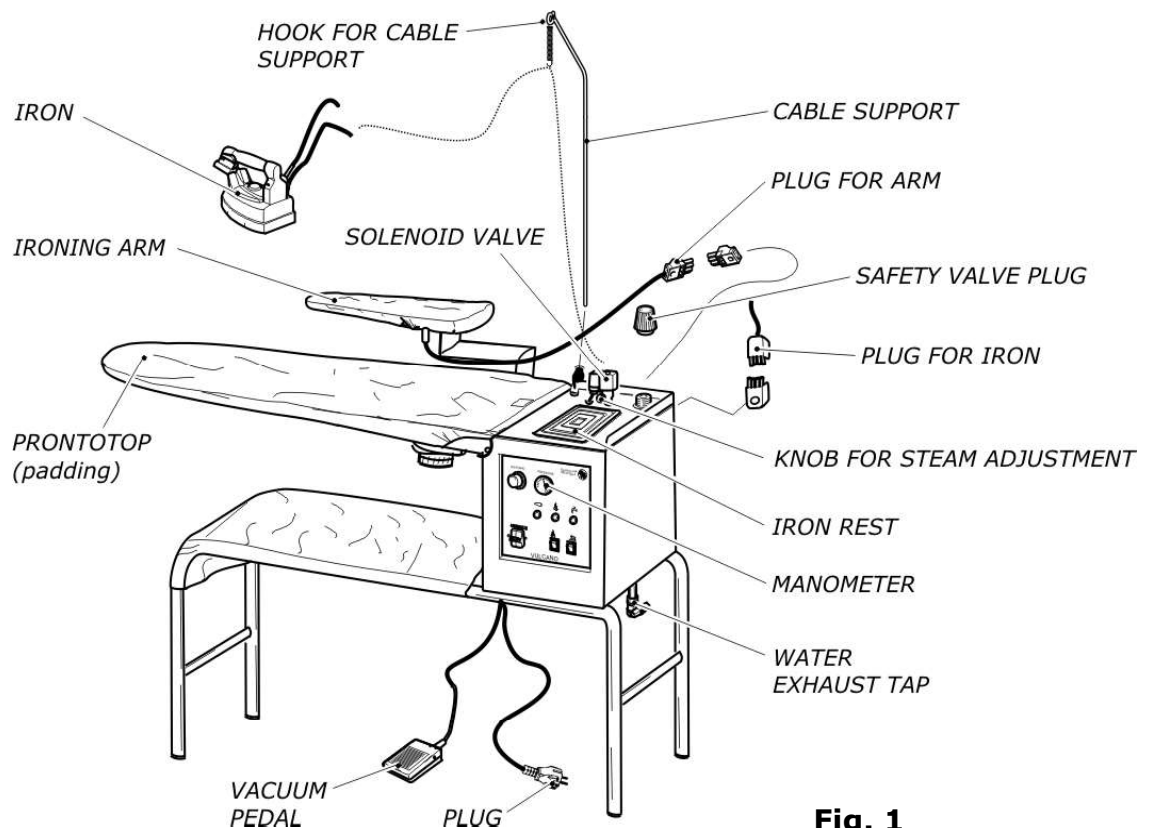


Fig. 1

2. IMPORTANT

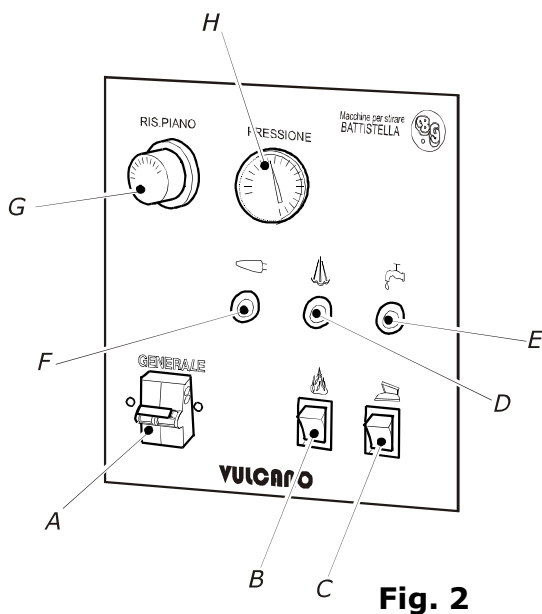
Before installing VULCANO, it is necessary to set up a protected electrical socket suitable to its power.

This ironing board is not suitable for people (children included) with physical or mental handicaps or inexperienced persons, unless they are instructed by a person who takes the responsibility for their safety. Children must not play with the ironing board.

3. OPENING OF PACKAGE

1. Open the box containing VULCANO (ALTO ↑), take out the manual of instructions and read it carefully.
2. Remove VULCANO from the box, insert the cable support deep into the special hole (fig. 1).
3. Fix the spring to the support hook, paying attention in order to avoid entwining (fig. 1).
4. Place the iron on the rubber iron rest supplied with the machine (fig. 1).

4. CONNECTION AND STARTING



With VULCANO switched off and disconnected plug:

1. Unscrew the safety valve plug (fig. 1) and fill the boiler with water to the desired level by using a funnel, paying attention not to overfill it. Take the plug by the plastic part and screw it again: do not tighten too much or its gasket might get ruined (see section 7). **N.B. make sure the exhaust tap of the boiler is closed (fig. 1).**
2. Insert the plug into a 230 V 16 A socket.
3. Switch on the main switch and the boiler (fig. 2 A e B) and set board thermostat on 80/90° (fig. 2 G), when the lamp F switches off the board has reached the preset temperature. Five minutes later switch on the iron (fig. 2 C) and adjust the thermostat on "cotton" (fig. 3).
4. Wait for the boiler lamp to switch off (fig. 2 D). Seize the iron by cork handle and press the red micro-switch for 4 or 5 times (fig. 4), so that steam comes out. It is important to make sure it is a saturated steam (by pressing the micro switch with the iron pointed downwards). You can adjust steam flux by turning the knob placed on the solenoid valve (fig. 1). Now everything is ready for ironing. During ironing operation, the boiler lamp switches on and off (fig. 2 D).

5. GENERAL WARNINGS

1. Connect VULCANO to suitable protected socket (avoid connecting the device to multiple sockets or extensions which are not suitable to its power).
2. Keep out of reach of children, both when it is on or off.
3. Always place equipment on a sturdy surface, whether it is being used or not.
4. Never leave garments on the board when it is on because they might get spoilt or even burnt.
5. Never use the machine if the cover (Prontotop) is not properly positioned.
6. The operator must never leave the ironing board unattended when it is plugged in.
7. Use only normal water coming from the aqueduct.
8. Never add any sort of additives to water.
9. Never empty the boiler when the machine is being used. (see section 8).
10. The safety valve plug must never be opened while the machine is being used.
11. **Never replace the security valve plug (fig. 1) with other types of plug. N.B. the security valve plug is set at 4,5 BAR and it has the function of a security valve.**
12. When switched on, never leave the iron on the board or on the garments.
13. Do not place the iron directly on the metal part of the iron rest (always use proper rubber rest).
14. Do not iron garments directly on persons or things.
15. Do not mount the linen support, do not sit on the board, nor lean against the sleeve arm: the ironing board VULCANO has been specifically designed for ironing of garments.
16. When in use, do not bring it near inflammable or thermo-labile parts.
17. Pay attention when handling the vacuum pedal. In order not to damage it place it on top of the ironing board once ironing is finished, or upon moving the board (VULCANO must be cold).

6. IRONING

The ironing board is equipped with vacuum which helps keep the garments stretched and eliminates any humidity.

1. Run the iron on garments, pressing the iron micro-switch for steam and the vacuum pedal at the same time (fig. 1). We suggest you to press the pedal a bit longer than the micro-switch in order to dry the garment.
2. For delicate, black and blue garments, we advise you to use the anti-sheen shoe.
3. During ironing, always put the iron on its rubber rest (fig. 1).
4. For dry ironing it is possible to adjust the thermostat (fig. 3) on different positions according to the type of fabric (look at garment label). For steam ironing, set the thermostat on "cotton" or "linen".

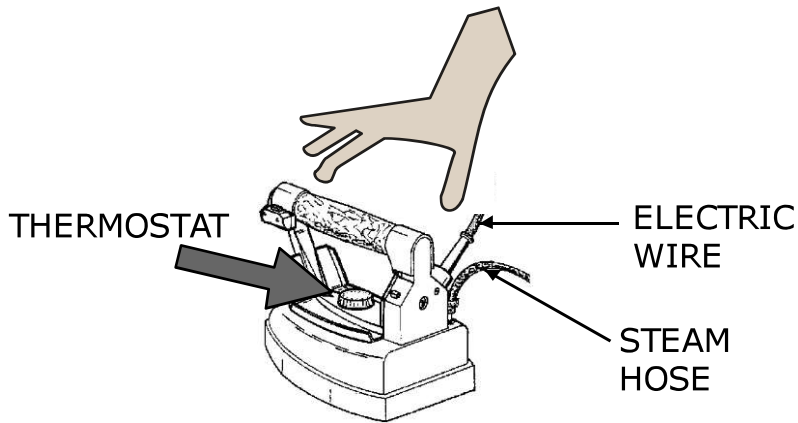


Fig. 3

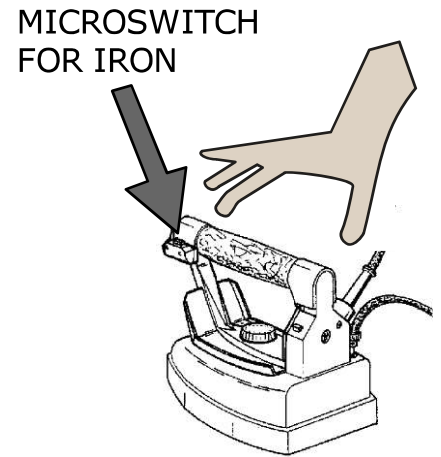


Fig. 4

7. WATER FILLING

When the water in the boiler is finished, the "water missing" pilot lamp switches on (fig. 2 E). Unplug the machine, unscrew the safety valve plug just slightly (360°) (fig. 1) so that all the steam comes out (manometer at 0 BAR). Completely unscrew the valve plug with care and wait at least 5/10 minutes.

Then fill the boiler with water (fig. 5) paying attention not to overfill it (section 4.1). Screw the valve plug again (fig. 1), turn on the machine and wait for the boiler lamp to switch off (fig. 2 D). Now the iron is ready again.

While refilling the boiler, do not spill water onto the machine. In the event this should happen, dry immediately in order to avoid electrical risks.

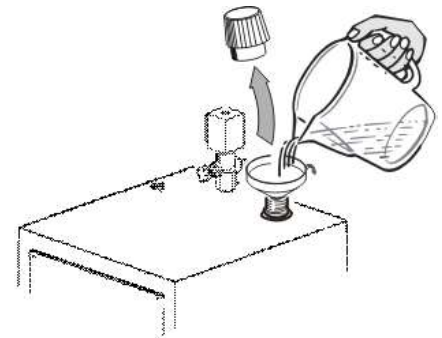


Fig. 5

8. BOILER DISCHARGE

Empty the boiler periodically. Carry out this operation when the ironing board mod. VULCANO is turned off, cold (manometer at 0 BAR) and the plug disconnected.

Wait at least 1 hour after the switching off. During this procedure, wear proper gloves in order to avoid accidental burns.

Unscrew the valve plug and open the discharge tap (fig. 1), wait for all the water to come out and then close the tap again. The tap might get clogged: in this case, use an iron wire with a diameter of 3-4 mm to unplug it.

9. GOOD FUNCTIONING

The ironing board mod. VULCANO was designed for the ironing of domestic garments. It can be used maximum 20 hrs. per week (subdivided in many times) or 80 hrs. per month.

10. INTERVENTIONS AND SMALL REPAIRS

1. Replace the cover (Prontotop) every 400 hrs. or maximum 6 months. Replace it also if the vacuum of the board is unsatisfactory or if stains appear on it. This operation must be carried out with the machine switched off and cold. Stains may appear if too much steam is used or if vacuum function is not used enough (in this case reduce steam flow and use more vacuum). **N.B.:** the padding can be washed 1 or 2 times.
2. Empty the boiler every 2-3 times you use the machine.
3. Replace the gasket of the safety valve plug every 1200 hrs. of ironing or maximum 2 years (use only original gaskets).
4. Replace the electric wire when it is damaged. The wire is supplied by the manufacturer or authorized service centres.

11. COMPULSORY PERIODICAL MAINTENANCE

(To be carried out exclusively by assistance centres or by the manufacturer)

It is recommended to replace:

1. the internal safety valve every 2100 hrs. of ironing or maximum 3 years;
2. the internal thermostat every 2100 hrs. of ironing or maximum 3 years;
3. steam tube and iron cable once they seem damaged (fig. 3);
4. the safety valve plug every 2500 hrs. of ironing or maximum 3 years (fig.1).

It is recommended also to clean the boiler from limestone every 2500 hrs. of ironing or maximum 3 years.

12. ELECTRICAL RISKS

The following situations are considered dangerous for the operator:

1. earth protector switch is activated when turning on the machine;
2. using ironing board mod. VULCANO during thunderstorms;
3. using ironing board mod. VULCANO without proper protection for feet (without shoes...) or with wet feet;
4. damaged electrical wires;
5. when the electric wire or pedal wire touch hot parts of the machine;
6. iron overheating or loss of water from the iron (fig. 3);
7. washing or cleaning the iron using water (fig. 3);
8. loss of water from the machine;
9. filling the boiler when the machine is switched on.

13. MECHANICAL RISKS

The following situations are considered dangerous for the operator:

1. using ironing board mod. VULCANO for different purposes other than ironing;
2. replacing the gasket of the safety valve plug with non-original gaskets.

14. THERMIC RISKS

The machine can become extremely hot: use it very carefully and disconnect the plug when not in use.

The following situations are considered dangerous for the operator:

1. touching the iron base when it is hot;
2. touching the solenoid valve while VUCANO is under pressure;
3. emptying the boiler or touching the discharge tap while there is pressure inside the boiler;
4. touching the safety valve plug when VULCANO is under pressure;
5. directing the steam jet towards people or animals.



- ❑ **Do not iron garments directly on persons.**
- ❑ **Do not leave the iron on garments when it is on.**
- ❑ **After use, always put iron on its rubber rest.**

15. PACKING, STORAGE AND TRANSPORT

The ironing board mod. VULCANO may be packed with cellophane or in a cardboard box which cannot be turned upside down.

It is not a stiff package, therefore it is not shock-resistant (handle with care). We advise you to handle the box with maximum care. Do not use it as stool or support.

For authorized distributors and resellers: Do not store the boxes one on top of another and keep them dry, paying attention to store them with ↑ upwards.

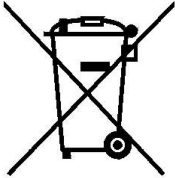
16. WARRANTY

The manufacturer's warranty becomes void:

- in the event of repairs carried out by unauthorized personnel or service centers;
- total or partial failure to follow the instructions contained in this manual;
- for poor storage, lack of maintenance/cleaning or incorrect assembly;
- when there are damages caused by the customer;
- when there are failures or damages that do not derive from a manufacturing defect;
- when there are damages deriving from a fortuitous event (fire, short circuit) or due to third parties (tampering);
- when there are damages caused by limescale;
- when the damage has been caused by the use of water different from that indicated in the instructions (see "WATER CONNECTION" chapter);

- when using the machine for a purpose different than the one specified in this manual;
- when using non-genuine spare parts or accessories, modified or not suitable for the appliance.

17. DISPOSAL



According to the directive 2012/19/UE on waste of electrical and electronic equipment, do not treat this product as household waste.

This appliance is marked according to the directive 2011/65/UE on restriction of use of specific dangerous substances in electrical and electronic equipment.

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and

electronic equipment.

Ensuring this product is disposed of correctly will help prevent potential negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources.

The abusive disposal of the product by the user may lead to administrative sanctions.

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### Every product manufactured by **BATTISTELLA B.G. S.r.l.** is subject to following limitations:

- ❖ **BATTISTELLA B.G. S.r.l.** guarantees that this machine, correctly installed and used, works accordingly to this manual of instructions. Each implicit guarantee is limited by law as from purchase date.
- ❖ **Declination of responsibility for consequential damages: BATTISTELLA B.G. S.r.l.** will never take the responsibility for any damage (included, without any limitation, consequential damages due to loss or no profit, cutback or any other economical loss) deriving from the use of a BATTISTELLA machine, even in case the Company had been previously informed of such kind of possibility.

Should you need **further information** about this manual, please contact **BATTISTELLA B.G. S.r.l.** or the person who sold you the machine.

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