

INSTRUCTIONS AND MAINTENANCE MOD. ARGO / ARGO BLOWING 2011

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

1. SPECIFICATIONS

MODEL:	ARGO – VACUUM (2011)	ARGO - VACUUM + BLOWING (2011)
POWER SUPPLY:	230 V / 50 Hz	230 V / 50 Hz
TOTAL INSTALLED POWER:	4178 W	4308 W
IRON POWER:	800 W	800 W
BOILER POWER:	2600 W	2600 W
BOARD POWER:	600 W	600 W
SUCTION POWER:	0,2 Hp=130 W	0,2 Hp=130 W
BLOWING POWER:	---	0,2 Hp=130 W
PUMP POWER:	48 W	48 W
ARM POWER:	150 W (optional)	150 W (optional)
BOILER CAPACITY:	3 L.	3 L.
IRONING ENDURANCE:	CONTINUOUS	CONTINUOUS
OPERATING STEAM PRESSURE:	4 BAR	4 BAR
WEIGHT:	39 kg.	42 kg.
OVERALL DIMENSIONS:	47x137x93 h. cm.	47x137x93 h. cm
MADE IN ITALY		

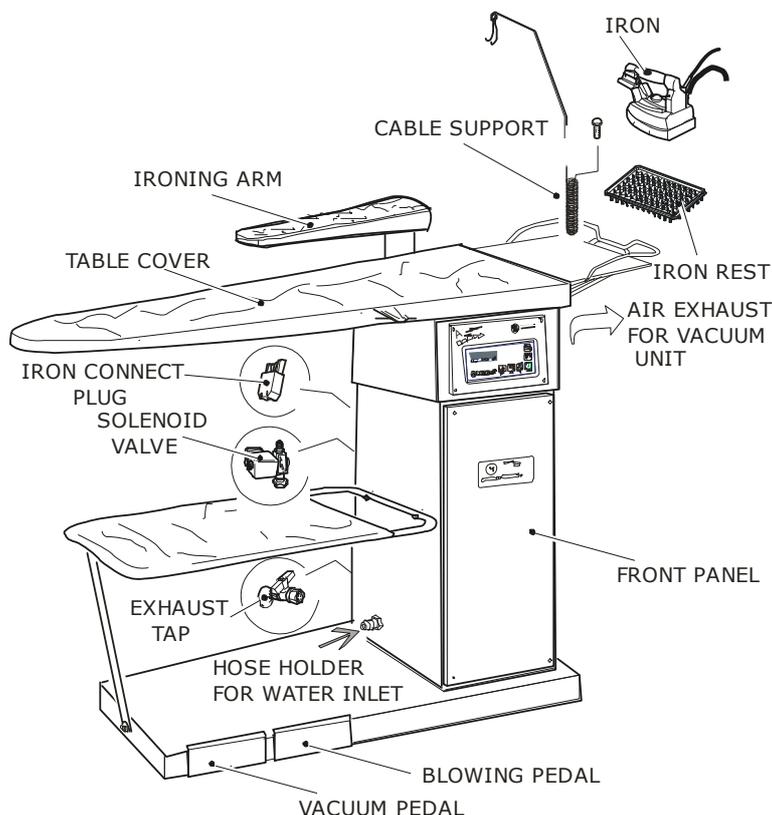


Fig. 1

2. IMPORTANT

Before installing ARGO, it is necessary to set up the following facilities:

1. a water connection (tap with hose holder); ARGO will be connected to the hose holder through the WATER INLET by means of a rubber tube which must have a pressure capacity of at least 10 ATM. (diameter of water inlet 8/13 mm); it must be fixed tightly with 2 hose clamps. **N.B.:** before inserting the rubber tube into ARGO hose holder, you must exhaust a few litres of water in order to clean the conduit;
2. an electrical outlet protected and suitable to ARGO power.

3. OPENING OF PACKAGE

1. Open the box containing ARGO from the upper side marked as ALTO , take the instructions manual and read it carefully.
2. Remove the ARGO from the box, fix the cable support to the ironing board, connect the iron plugs to the steam tubes (**fig. 1**), fix the iron cables to the cable support hook. **ATTENTION:** the irons must be placed on their iron rests on the board.

4. STANDARD MODE



Key to enter the menu and reset the various warnings.



"Pistol/brush" on/off key (optional accessory)



Esc

"Electronic card" on/off key. N.B.: the electronic board will continue to receive power from the mains supply. At the end of each working day it is suggested to always turn the machine off by using the main switch



"Iron 1" on/off key – at the same time of switching on/off the iron the vacuum motor is switched on/off.
(same valid for the version vacuum + **blowing**)



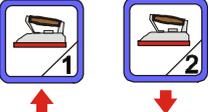
"Iron 2" on/off key. (optional accessory)



Ok

"Boiler" on/off key – at the same time of switching on/off the boiler the table top heating is switched on/off.

5. STAND-BY MODE

SET/RESET		Key which allows access to the menu. To exit the menu wait for 5 seconds or press ESC. This key is used also to reset warnings
OK		Key to confirm the choice made within the menu
ESC		Key to exit the current function or the menu
UP/DOWN		Key to scroll up or down within the menu

6. MEANING OF ICONS

	<p>FIXED LIGHT: indicates that the boiler is on and its pressure is optimum</p> <p>INTERMITTENT LIGHT: indicates that the boiler is on and that the water is being heated to obtain steam</p>
	Light :Indicates that iron 1 is functioning
	Light :Indicates that iron 2 is functioning
	Light : Indicates that the pump is pumping water into the boiler
	Light :Indicates that the pump is blocked due to the fact that it has worked without water for a long time. Check that water comes out of the pipe connected to the water supply. Turn off the main switch, wait for 5 seconds and turn the machine on again. If the problem reoccurs, contact Authorized Service Centre
	Light :Indicates that the maximum number of hours set for the general maintenance of the machine has been exceeded

7. CONNECTION AND STARTING

1. Connect the rubber hose to the hose-holder indicated as WATER INLET placed on the ARGO (**fig. 1**) and turn the water tap on. For ARGO equipped with water tank, you just have to fill it and connect the machine to the mains supply. **N.B.: make sure there is always water inside the water tank.**
2. Connect the power supply cable to a protected outlet with earth protector switch , with observance of the law in force and a voltage suitable to ARGO.
3. Turn on the main switch (**fig. 1**) and select the functions which are to be activated. **N.B.:** the settings of the electronic card are memorized every time the main switch is turned off. Once the machine is turned on again, it will start with the settings memorized before the machine was turned off (e.g. if the boiler was on, it will be on upon switching on the machine). **WARNING:** the electronic card automatically performs a check of the software installed. This is why it takes 2 seconds for the machine to turn on.
If an error or fault is found, the "safety" device blocks the electronic card and does not allow normal functioning. "SOFTWARE ERROR" will be displayed. Contact the Authorized Service Centre to update the software.
4. Wait until the boiler light is fixed (not intermittent). Seize the iron by the cork handle and press the micro-switch 3 or 4 times (**fig. 3**), so that steam comes out: this operation must be carried out in order to heat up the hoses which take steam to the iron. This prevents also the falling of small drops of water on garments (iron must always be held in such a way as not to harm operator, that is with iron always pointed downwards).
5. To adjust the steam flux you must work on the steam adjustment tap (**fig. 1: solenoid valve**).
6. After this, ARGO is ready for use. During ironing the icon of the boiler may remain intermittent (card is raising steam) or fixed (optimum pressure), indicating that ARGO is working properly.

N.B.: during ironing the warning light  will switch on and "WATER PUMPING" will be displayed. This means that the card is automatically pumping water into the boiler.

N.B.: in the event the pump should remain without water for a long time, the "pump saving" device will be activated and the pump will not work. This is shown

by the icon  and the warning "PUMP BLOCKED" will be displayed. An intermittent acoustic alarm is also audible.

If this device is activated, check that there is enough pressure in the water system or that there is water inside the water tank. If one of the previous is the cause of the blockage, turn the card off and on by using the main switch. If the problem remains, do not insist and contact the manufacturer or Authorized Service Centre.

FOR ARGO CONNECTED TO THE WATER SYSTEM:

For ARGO connected to the water system, verify that the water pressure is not more than 2,5 Bar. If so, the pump will be blocked and this will prevent the water from entering the boiler.

FOR ARGO CONNECTED TO THE WATER BOTTLE SUPPLY

In case of missing water completely from the water bottle-refill the bottle.
Release all steam from the boiler-the pressure must be 0 bar.
The pump will restart.

8. MENU



To gain access to the MENU, press the key shown on the left. To exit from the MENU press ESC or wait for 5 seconds.

MENU:

HOURS OF WORK	 Ok	 ↑ ↓	TOTAL HOURS :	Cannot be zeroed	 Esc
			PARTIAL HOURS :	 Ok	

TOTAL HOURS: computation of the total hours the machine has worked for. This data cannot be zeroed.

PARTIAL HOURS: computation of the hours the machine has worked for since last zeroing. This data can be zeroed (see table). To zero the data, follow instructions as per table and press reset for 5 seconds.

RESET OF WARNINGS	 Ok	 ↑ ↓	FILTER	 Ok	 Esc
			PROBE		

Reset is necessary in order to delete the warnings from the display once maintenance has been done.

Example: WARNING: PROBE CLEANING NEEDED is displayed.

1. Gain access to MENU
2. Find RESET WARNINGS, press OK and find PROBE.
3. Press OK, then press RESET for 5 seconds.
4. ESC to exit the SET menu (or wait for 5 seconds).

Warnings are memorandums set by the manufacturer. According to the type of water and the use of the machine, maintenance may be required even earlier.

KEY TONE	 Ok	 ↑ ↓	KEY TONE ON	 Ok	 Esc
			KEY TONE OFF		

Used to activate or deactivate the acoustic signal when keys are pressed.

If you wish the acoustic signal to be activated, press KEY TONE ON.

SERVICE ENGINEER	Password needed. Service Centre authorized access only
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MANUFACTURER	Password needed. Manufacturer authorized access only.
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WARNING: AFTER 10 ATTEMPTS TO ACCESS THE "MAINTENANCE" OR "MANUFACTURER" MENU WITHOUT TYPING IN THE PASSWORD, OR EVERY TIME THE WRONG PASSWORD IS TYPED, THE MENU WILL BE BLOCKED. "PASSWORD BLOCKED" will be displayed. To unblock the menu, contact the Authorized Service Centre or the manufacturer.

LANGUAGE	 Ok	 ↑  ↓	ITALIAN	To confirm language	 Ok	To exit
			ENGLISH			

This menu allows the setting of the language (see table). Languages may be different according to the country of destination.

9. COMPULSORY

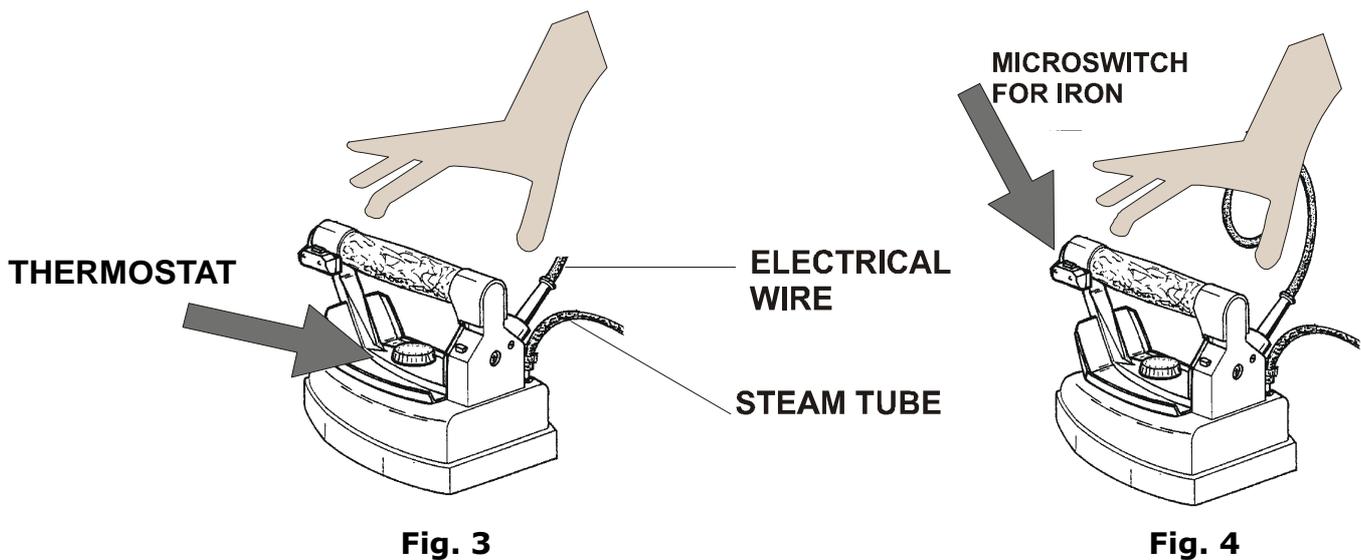


1. Use only tap water:
2. Never add additives to water.
3. Empty the boiler once a week, making sure the boiler pressure is not over 0 BAR (**fig.2H**). For carrying out this operation, turn the exhaust tap slowly: we advise you to wear gauntlets against possible burns.
4. Never leave hot iron on board.
5. Connect ARGO to suitable protected outlet.
6. After ironing is over, switch ARGO off and close the water; remember to open the water before switching on the machine again (for ARGO connected to the water system).
7. Always keep children away from ARGO, both when it is on and off.
8. Make sure that during the cold season tubes connecting ARGO to water supply do not freeze.

10. IRONING OPERATION

1. Run the iron on the garments, pressing both the red steam button (**fig. 4**) and the suction pedal at regular intervals (**fig. 1**). In order to dry the garments, we advise to keep the foot on the suction pedal a bit longer.
2. For delicate, black and blue garments, we advise you to use an anti-sheen shoe.
3. During the ironing operation, always put the iron on its iron rest and pay attention to the position of the cables: if they twine or get in touch with ironing board, they might cause short circuits.
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).
5. On the other hand, for steam ironing you should adjust the thermostat on "cotton" position (this one is good for all kinds of fabric).

6. ARGO is equipped also with a pedal for blowing device: it is used to blow air from the board to garments.



11. ELECTRICAL RISKS

The following situations are considered dangerous for the operator:

1. damage of iron cables (**fig. 3**),
2. loss of water from iron (**fig. 4**),
3. loss of water from solenoid valve (**fig. 1**),
4. iron overheating,
5. earth protector switch is activated when turning on the switches,
6. using ARGO during thunderstorms,
7. using ARGO without proper protection for feet (without shoes) or with wet feet,
8. cleaning or washing the iron using water (**fig. 4**),
9. loss of water from ARGO base (**fig. 1**),
10. loss of steam from inner part of ARGO.

12. MECHANICAL RISKS

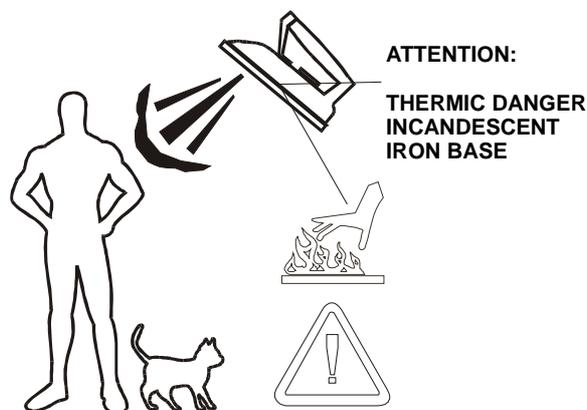
The following situations are considered dangerous for the operator:

1. using ARGO for different purposes other than ironing,
2. using ARGO without turning the water tap or when aqueduct cannot supply water,
3. using ARGO while the pump is activated but no water enters the boiler because of limestone obstruction,
4. using ARGO when the boiler pressure is too high and internal security valve is activated. Pressure can be visibly controlled thanks to the manometer (**fig. 2**).

13. THERMIC RISKS

The following situations are considered dangerous for the operator:

1. touching the iron base when working,
2. emptying the boiler when under pressure,
3. leaving garments on the heated ironing board: they might be damaged or even burnt.



- **Do not iron garments directly on persons.**
- **Do not leave hot iron on garments.**
- **After use, always put iron on its iron rest.**

14. INTERVENTIONS AND SMALL REPAIRS

The following procedures **MUST** be carried out **ONLY** when the boiler is cold and the plug is disconnected from the mains.

1. replace the padding (**fig. 1: table cover**) every 320 hrs. of operation or maximum every 3 months. **N.B.:** the padding can be washed.
2. replacement of the iron;
3. replacement of the coil: to be done when boiler is turned off and is cold (**fig. 1 : solenoid valve**);
4. replacement of the steam hose: to be done when iron and boiler are turned off and are cold (**fig. 2**),
5. cleaning of the water inlet filter (**fig. 4**) and cleaning of the foot valve filter (ARGO with water tank – **fig. 1**).

15. CLEANING OF WATER FILTER

The cleaning of the filter is to be done whenever the warning is displayed. If the water is full of impurities, cleaning should be done more often.

To clean the water filter:

1. turn off the main water supply tap;
2. open the front panel
3. unscrew the filter plug by using a wrench as shown in fig. 4;
4. take out the filter;
5. by using running water, clean the filter in order to eliminate all impurities;
6. re-assemble the filter, fix with the wrench and turn on the main water supply tap, checking at the same time if there are any leakages.
7. close the front panel

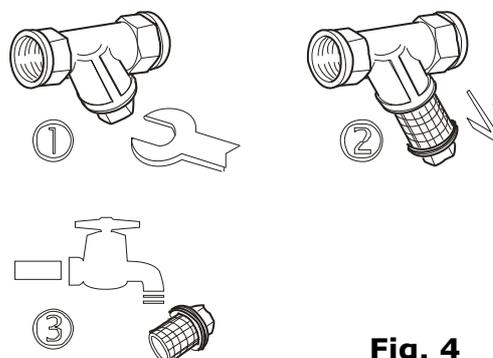
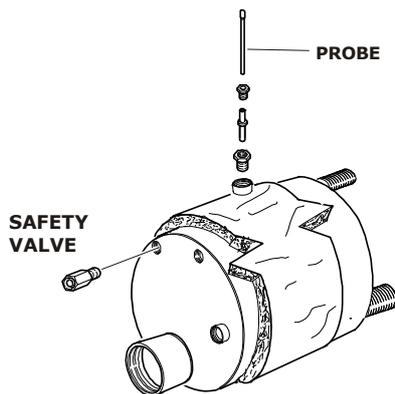


Fig. 4

(To reset warning, see chapter 8)

16. CLEANING OF THE BOILER PROBE



To clean the probe of the boiler, do as follows:

1. open the cover with the display and panel;
2. behind find the boiler and the probe;
3. unscrew the probe by using a wrench and take it out;
4. clean the probe with fine grain scrubbing paper in order to eliminate all encrustation;
5. re-assemble the probe and check that there are no leakages when the boiler is under pressure.

17. COMPULSORY PERIODICAL MAINTENANCE

(TO BE CARRIED OUT EXCLUSIVELY BY AUTHORIZED SERVICE CENTRES, QUALIFIED TECHNICIANS OR BY THE MANUFACTURER.)

Compulsory maintenance is signalled by the icon  - GENERAL MAINTENANCE will be displayed. Contact **only** your reseller, Authorized Service Centres or the manufacturer in order to carry out the necessary maintenance. Once the check has been completed, the authorized personnel will reset the "general maintenance" icon which is shown on the display.

This machine was designed to work maximum 8 hrs. per day, 5 days a week. In these conditions the machine is expected to function for 7 years.

18. PACKING, STORAGE AND TRANSPORT

ARGO can be packed with cellophane, on a pallet or in a cardboard box (never turn it upside down!). It is not a stiff package, therefore it is not shock-resistant. We advise you to handle the box with the maximum care. Do not use it as a stool or support. ARGO cannot be piled one on the top of another (HANDLE WITH CARE).

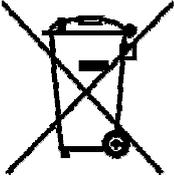
19. WARRANTY

Warranty does not apply to damage resulting from:

- Tampering with the machine or repairs carried out by non-authorized personnel;
- Total or partial inobservance of the instructions contained in this manual;

- Improper maintenance or wrong assembly/connection;
- Use of non original spare parts;
- Use of the machine for purposes other than those written in this manual.

20. DISPOSAL



Information for the correct disposal in accordance with EC directive 2002/96/EC and 2003/108/EC.

ARGO is mainly made of iron material and must therefore not be disposed of as urban waste but in proper waste collection centres. The crossed dustbin symbol indicates that the product must be disposed of separately from other refuse in order to avoid negative consequences for the environment and health.

The correct disposal and recycling of the machine's components assures protection of the natural environment.

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### **Every product manufactured by BATTISTELLA Co. is subject to the 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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