

## INSTRUCTIONS AND MAINTENANCE

### MOD.MINI 4

**Read these directions carefully before operating.**

**Don't use the machine differently from the following description.**

#### 1. SPECIFICATIONS

MODEL:	MINI 4
POWER SUPPLY:	230 V
TOTAL INSTALLED POWER:	W 2300
IRON POWER:	W 800
BOILER POWER:	W 1500
BOILER CAPACITY:	L. 2,7 ( INOX)
IRONING ENDURANCE:	about 3/4 hours
OPERATING STEAM PRESSURE:	2,7-2,8 BAR
MAXIMUM PRESSURE:	5 BAR
WEIGHT:	KG. 15
OVERALL DIMENSIONS:	cm 25x29x89 h.
MADE IN ITALY	

#### 2. IMPORTANT

Before installing MINI 4, it is necessary to set up the following facilities:

- electrical plug protected and suitable to MINI 4 power (it is better to use an earth protector thermo magnetic switch 16 A Id 30mA).

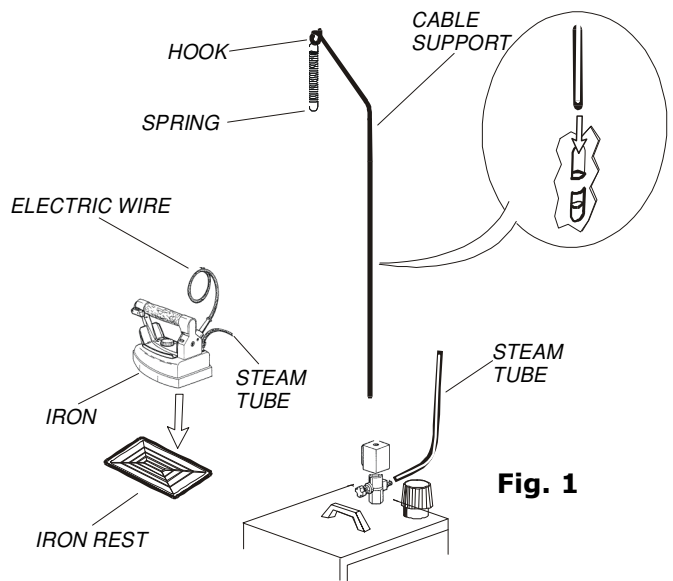
#### 3. OPENING OF PACKAGE

1. Open the box containing MINI 4, take the manual of instructions and read it carefully.
2. Remove MINI 4 from the box, insert the cable support deep into the special hole (fig. 1) placed on the back side of the generator.
3. Fix the spring to the support hook, place the iron rest on the table and put the iron over it (fig. 1).

#### 4. CONNECTION AND STARTING

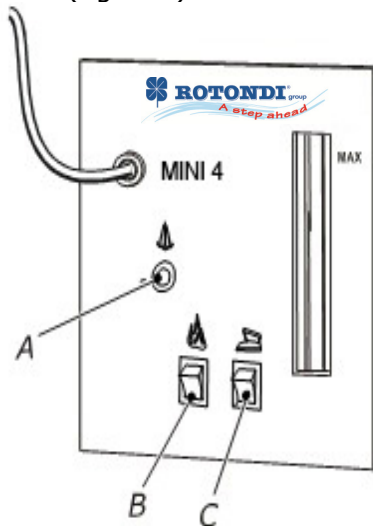
With MINI 4 switched off and disconnected plug:

1. Unscrew the security valve plug (fig. 1), fill the boiler with water till MAX level (fig. 2-4). Take the plug by the plastic part and screw it again: do not tighten too much or its gasket might get spoilt. **N.B.** make sure the exhaust tap of the boiler is closed.
2. Insert the plug into a 220 V 16 A socket.

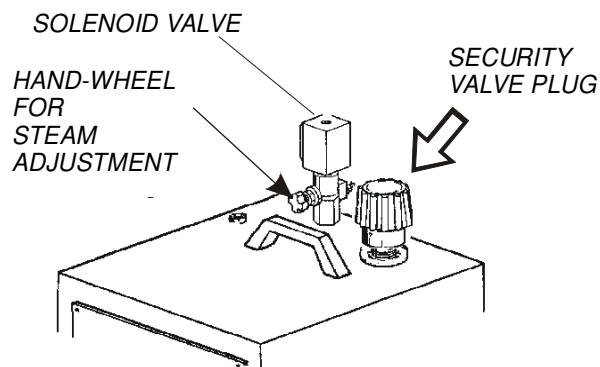


**In case the boiler is too much filled,** the iron might leak water. So unscrew the plug a bit, let all the steam come out of the boiler and turn the exhaust tap in such a way that some water goes out.

3. Switch on the boiler (fig. 2 B). Five minutes later switch on the iron (fig. 2 C) and adjust the thermostat (fig. 5) on "cotton".
4. Wait for the boiler lamp to switch off (fig. 2 A). Seize the iron by cork handle and press red button 3 or 4 times (fig. 6), 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 hand-wheel placed on the solenoid valve (fig. 3). Now everything is ready for ironing. During ironing operation, the boiler lamp switches on and off (fig. 2 A).



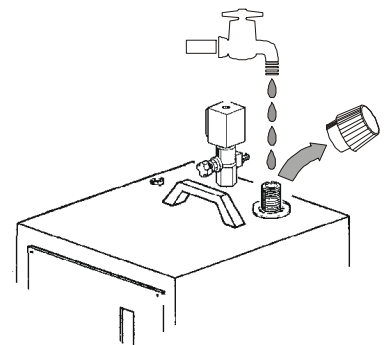
**Fig. 2**



**Fig. 3**

## 5. COMPULSORY

1. Use only normal water coming from the aqueduct.
2. Never add additives to water.
3. Empty the boiler only when it is switched off and cold (not under pressure) taking care to open the exhaust tap slowly (fig. 7). For carrying out this operation, wear gauntlets against possible burns.
4. **Never replace the security valve plug (fig. 3) with other types of plug. N.B. the security valve plug is set on 4,5 BAR and it has the function of a security valve.**
5. Connect MINI 4 to suitable protected socket.
6. Always keep children away from MINI 4, both when it is on and off.
7. Do not iron garments directly on persons or things.
8. Do not empty the boiler during the ironing operation, wait at least 1 hour after the switching off.



**Fig. 4**

## 6. IRONING OPERATION

1. Run the iron on garments, pressing the iron micro switch for steam. For a better result, set the thermostat (fig. 5) on "cotton".
2. For delicate, blue and black garments, we advise you to use the anti-sheen shoe.
3. During ironing operation, always put the iron on its rubber rest (fig. 1) and pay attention to the position of the wires: 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. 5) on different positions according to the type of fabric (look at garment label). For steam ironing, set the thermostat on "cotton" or "flax".
5. If you work on a non-vacuum board, some circular water spots might form because of condensed steam. To get round this problem, put a felt under the usual padding and adjust the hand-wheel for steam regulation on minimum (fig. 3).

## 7. WATER FILLING

During the ironing, if steam flux decreases considerably and then ends definitely, it means that there is no more water in the boiler. So MINI 4 has to be switched off by disconnecting the plug; rotate the valve plug (fig. 3) of 360° and wait for steam to go out completely. Unscrew the valve plug with care and wait some minutes. Then fill the boiler with water (fig. 4). Screw the valve plug again, connect the plug and wait for the boiler lamp to switch off (fig. 2 A). Now the iron is ready again.

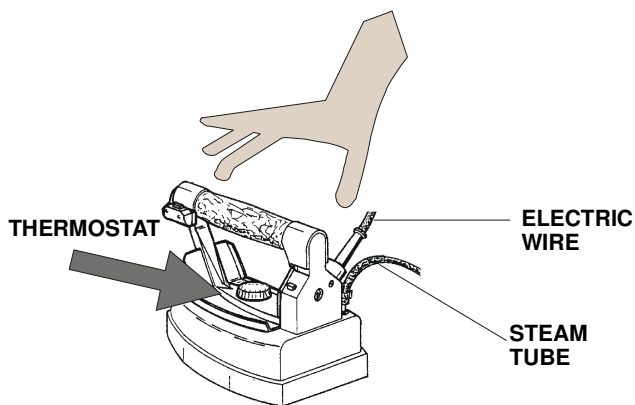


Fig. 5

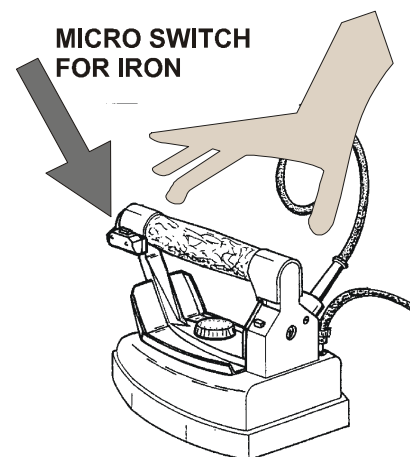


Fig. 6

## 8. BOILER DISCHARGE

Carry out this operation when the machine is off and the plug disconnected.

Unscrew the valve plug (fig. 4). Open the front panel and empty the boiler by means of the special tap (fig. 7). Once all the water has come out, remember to turn the tap off and to close the panel. The tap might get blocked up: in this case, take an iron wire with a diameter of 3-4 mm or similar and put it into the conduit in order get it unblocked.

## 9. GOOD FUNCTIONING

MINI 4 was projected for the ironing of domestic garments. It can be used maximum 20 hrs. per week or 80 hrs. per month (subdivided in many times).

## 10. INTERVENTIONS AND SMALL REPAIRS

1. Empty the boiler every 2-3 times you work.
2. Replace the gasket of security valve plug (use only original gaskets) every 1200 hrs. of lighting or maximum 2 years. For carrying out this operation, the machine has to be switched off and cold.
3. Replace the security valve plug every 2500 hrs. of lighting or maximum 3 years (fig. 3).

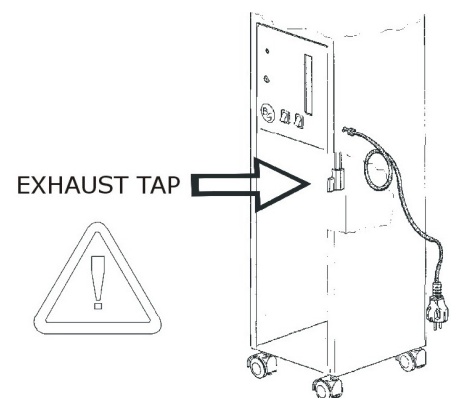


Fig. 7

## 11. COMPULSORY PERIODICAL MAINTENANCE

**(To be carried out exclusively by Assistance Centres or by the Constructor)**

It is recommended to replace:

1. the internal security valve every 2100 hrs. of ironing or maximum 3 years;
2. the internal thermostats every 2100 hrs. of ironing or maximum 3 years;
3. steam tube and iron cable once they seem spoilt (fig. 5).

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 main switch,
2. using MINI 4 during thunderstorms,
3. using MINI 4 without proper protection for feet (without shoes) or with wet feet,
4. damage of electric wires,
5. loss of water from iron,
6. iron overheating,
7. cleaning or washing the iron using water,
8. filling the boiler when the machine is on.

## 13. MECHANICAL RISKS

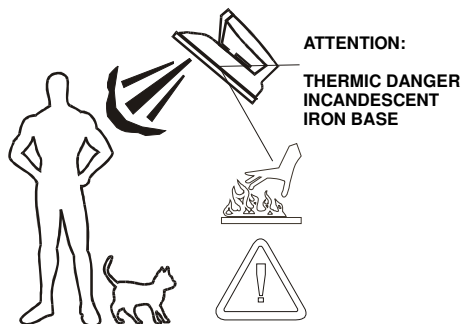
The following situations are considered dangerous for the operator:

1. using MINI 4 for different purposes other than ironing,
2. replacing the valve plug gasket with non-original gaskets.

## 14. THERMIC RISKS

The following situations are considered dangerous for the operator:

1. touching iron base when working,
2. touching the solenoid valve when the machine is under pressure,
3. emptying the boiler under pressure or touching the exhaust tap,
4. touching the valve plug when MINI 4 is under pressure.



**- Do not iron garments directly on persons.**

**- Do not leave hot iron on garments.**

**- After use, always put iron on its iron rest.**

## 15. PACKING, STORAGE AND TRANSPORT

MINI 4 can be packed with cellophane and cardboard boxes. It is not a stiff package, therefore it is not shock-resistant. We advise you to handle the box with maximum care. Do not use it as stool or support. MINI 4 cannot be piled one on top of another (HANDLE WITH CARE).

## 16. WASTE

MINI 4 is mainly made of iron and aluminium materials, therefore it must be discharged in proper warehouses for used iron recovery. A smaller part consisting in gaskets and rubber screws may be discharged in urban litterbins.

***Every product manufactured by ROTONDI GROUP S.r.l. is subject to the following limitations:***

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