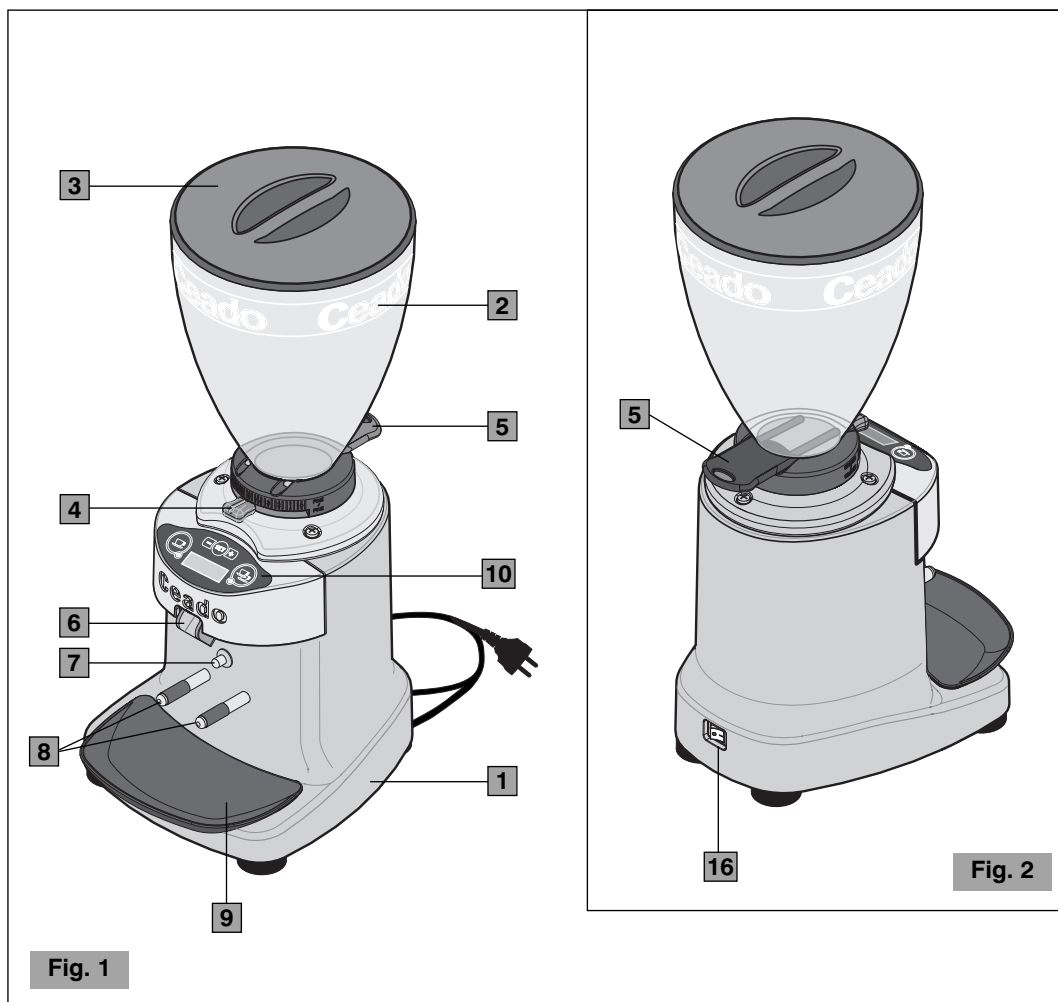


## COFFEE GRINDER

### Main parts (Fig. 1, Fig. 2, Fig. 3)

- |          |                        |           |                       |
|----------|------------------------|-----------|-----------------------|
| <b>1</b> | Motor housing          | <b>10</b> | Dosing buttons        |
| <b>2</b> | Bean hopper            | <b>11</b> | Dosing display        |
| <b>3</b> | Hopper lid             | <b>12</b> | Button + Button -     |
| <b>4</b> | Grind regulating lever | <b>13</b> | Button SET            |
| <b>5</b> | Bean hopper shutter    | <b>14</b> | Single shot selection |
| <b>6</b> | Discharge opening      | <b>15</b> | Double shot selection |
| <b>7</b> | Start button           | <b>16</b> | ON-OFF (I-O) switch   |
| <b>8</b> | Filter-holder rest     |           |                       |
| <b>9</b> | Tray                   |           |                       |



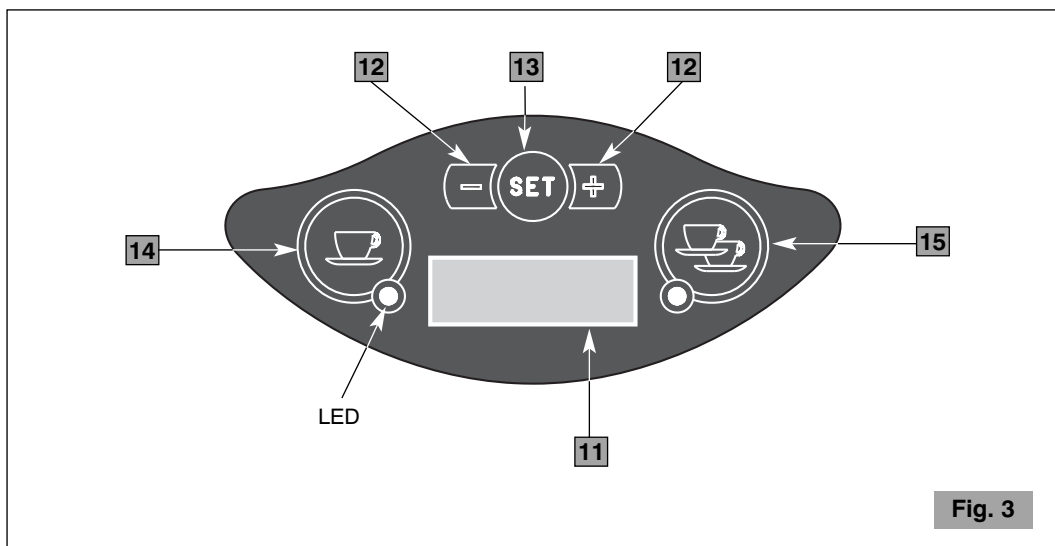


Fig. 3

## SAFETY RECOMMENDATIONS

### GENERAL INSTRUCTIONS

1. Read the following instructions carefully before using the appliance.
2. Installation and maintenance should be carried out by qualified personnel only.
3. This appliance is intended for professional use, and should therefore be used by adults and qualified personnel only.  
**CLOSE ADULT SUPERVISION IS NECESSARY WHEN CHILDREN ARE NEAR THE APPLIANCE.**
4. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental abilities, or without experience and knowledge, unless they have been instructed in the use of the appliance and are under the supervision of a person who is responsible for their safety. Children must be supervised to ensure that they do not play with the appliance.
5. **Never** use this appliance for purposes other than grinding coffee beans. Any other use is dangerous. **Do not** operate without hopper and lid in place.
6. Always work under safe conditions: do not use the appliance with wet hands or feet. Do not use outdoors.
7. Keep the original package for possible future use. It is the most suitable protection against damage during transport.
8. In case of fire use CO<sub>2</sub> extinguishers. Do not use water or powder extinguishers.
9. **Never** place the appliance in water!
10. Do not disassemble the appliance or attempt to perform any repairs inside it.
11. Always unplug the appliance before performing any maintenance or cleaning and when it is not in use.

12. **Never** pull the appliance by the cord to move it. **Never** unplug it by pulling the cord or touching it with wet hands.



**If the power cable is damaged it must be replaced by the manufacturer or by the technical assistance service, or at any rate by a person with similar qualifications, so as to prevent all risks.**

13. **WARNING:** Never place any utensils, metal or other hard materials, in the bean hopper. This is dangerous and could cause damage.
14. **Do not** use the appliance if it is damaged or has loose parts. Immediately contact an authorized Service Center.

**The appliance complies with European regulation CE 1935/2004.**

*Note:* Due to statistical tests on the product in the factory, some coffee grounds may be found in the appliance.

## **SAVE THESE INSTRUCTIONS!**



The EC declaration of conformity for this appliance is available in the *Products* section of our website [www.ceado.com](http://www.ceado.com).

## **INSTALLATION**

Comply with the **safety recommendations** indicated above and hereafter when installing the appliance.

For the installation of the appliance, qualified personnel must be present who are able to check the fineness of the grind.

1. Make sure that the mains voltage is as indicated on the rating label of the appliance and that the electrical system is grounded and equipped with a switch.
2. Install the appliance in a **DRY, PROTECTED place**, far from water sprays or splashes, heat sources, open flames and inflammable substances.  
Place the appliance on a **flat, horizontal, stable surface** where it cannot tip over.
3. Put the tray in its housing to keep the work area as clean as possible.



Before connecting the plug to the power socket, make sure that the ON-OFF switch (16 Fig. 2) is in position "O" (OFF).

4. Plug the power cable into a socket protected by a suitably rated circuit breaker (MCB) or fuses.  
**Do not use an adaptor plug.**
5. Stretch the power cable out to full length. **Do not** let it pass over sharp edges or hot surfaces.  
**Do not** let oil spill on it. **Do not** let the power cable hang loose from the counter on which the appliance stands.
6. Make sure that the bean hopper is correctly positioned and that its shutter (5 Fig. 2) is completely open (to the last click).

## PREPARATION AND USE


### Switching ON

- 1 Fill the hopper with coffee beans and close the lid.
- 2 Turn the ON-OFF switch (16 Fig. 2) to position "1".  
When the appliance is switched on the display will show:

Coffee Grinder  
CEADO E37


**Note:** After being unused for 10 seconds the rear lighting of the display goes out. It lights up again automatically when any button is pressed.

### Automatic operation

- 3 To grind the amount of coffee for a single shot press the button . The respective LED will light up and the display will show:

Single shot 2.2  
READY



meaning that the appliance is ready to grind for 2.2 seconds: this is the factory setting for distributing about 7 grams of medium grain ground coffee. Whenever the grinding coarseness is regulated you must set a new operating time so as to distribute the right amount of coffee required (see paragraph "Setting grinding times").

To grind the amount of coffee for a double shot press the button . In this case too the respective LED will light up and the display will show:

Double shot 4.2  
READY

The time necessary to distribute about 14 grams of medium grain ground coffee is 4,2 seconds. This too is a factory setting which may be modified on request (see paragraph "Setting grinding times").

### Manual operation

- 3 To grind coffee continuously, without any time setting, press the buttons  and  simultaneously.

Both LEDs will light up and the display will show:

Manual dose  
READY

## Taking out the coffee

- 4** When the appliance is READY, to start grinding press the start button (7 Fig. 1) with the filter holder and keep the filter holder in position until distribution is ended. During operation the respective LED flashes and the message *WORKING* appears on the display.

**Note:** Only in automatic operation, the display will also show the time remaining to complete distribution.

At the end of distribution the appliance returns to its initial READY status, waiting to grind a new shot the same as the last one set.


**Note:** When the motor is running without grinding coffee beans, it may happen that a metallic noise is heard coming from the spout. It is normal and it is due to the vibration of the inside flap, and it will stop when starting grinding coffee beans.

## DISTRIBUTED SHOT COUNTERS



The coffee grinder has a **general counter** in which it stores the number of shots distributed since it left the factory (this value cannot be reset) and a **partial counter** for the number of shots distributed since it was last reset by the user. For each type of counter, a distinction is made between the number of single and double shots.

**Note:** Due to statistical tests on the product in the factory, some of the counters may be different from zero.

### ● Reading the counters

Press the button . The display will show first the partial counter of the total shots (single shots + double shots + manual doses):

Total shots from  
reset      XXX

By pressing the button  or  you can also distinguish between the single or double shots distributed since the last reset:


Sing. shots from  
reset      XXX

or

Doub. shots from  
reset      XXX

**Note:** The value of the total shots may be different from the sum of the value of the single shots plus double the value of the double shots, because it also allows for the shots distributed with manual operation.

To **reset a counter**, hold down the button  for 3 seconds until you hear a double beep.

To read the main counter, press the button  again. The display will show:

Total shots  
ground XXX

In this case too, by pressing the button  or  can also distinguish between the single or double shots distributed since the last reset:

Single shots  
ground XXX

or


Double shots  
ground XXX

**Note:** After 5 seconds without being used the system automatically leaves the counter screen and returns to normal operation.

## SETTING THE GRINDING TIMES

**Note:** In order to obtain the right dose weight, it is advisable to change the grinding time settings after the grinder has ground at least  $\frac{1}{2}$  kg of coffee beans.




### ● Single shot

To change the grinding time for both the single and the double shot, you have to enter the settings menu by holding down the button  for 3 seconds until you hear a beep and the display will show:

Set time  
single shot

To set the time for the single shot press . The display will show the currently set time:

Use button + -  
t. single 2.2


Press the button  or  to change this time with a precision of 0.1 seconds, then confirm your choice with the button . If no button is pressed for 10 seconds, no change will be made.

**Note:** The minimum settable time is 0.1 second while the maximum, for the single shot, is 9.9 seconds.


## ●● Double shot

To change the grinding time for the double shot, you have to enter the settings menu and, when the display shows:

Set time  
single shot

Press the button  once. The display will show:

Set time  
double shot

At this point, by pressing the button  you can set the grinding time for the double shot, in the same way as explained above for the single shot.

**Note:** The minimum settable time is still 0.1 second while the maximum, for the double shot, is 19.9 seconds.

## ● Leaving the settings menu

To leave the settings menu and return to READY status, when you are on one of the two screens for setting the shot time:

Set time  
single shot

or

Set time  
double shot


press the button  until you see:

Exit

Press the button  to confirm.

---

## OTHER SETTINGS


Hold down the button  for 3 seconds to enter the settings menu, as described in the previous paragraph. The display will show the first screen:

Set time  
single shot


**Starting from this screen, you can perform the following operations:**

---




### ● Selecting the menu language

Press the button  twice to display the page:

Set  
Language


Press the  to confirm. The display will show the screen:

Use buttons + -  
Language English


Press the button  or  to select one of the 5 languages: Italian, English, Spanish, German and French. Press the button  to confirm.

### ● Setting the worn burrs alert

The coffee grinder is programmed to warn the user when the burrs are worn (so it is advisable to recalibrate the shot because it could be different from the one set at the beginning), or completely finished and so they have to be replaced. These alerts, set in the factory as deactivated, may be activated as follows:

Press the button  three times to display the page:

Worn burrs  
alert


Press  to confirm. The display will show:

Worn burrs  
alert OFF

Press the button  or  to set the function ON or OFF.


### ● Resetting the worn burrs alerts

When the burrs are changed you must programme the appliance so that it restarts the count of the amount of ground coffee from zero, in order to give the next worn burr alerts (see previous paragraph).




Press the button  four times to display the page:

Reset alerts  
worn burrs



Press  to confirm. The display will show:

Press button + -  
to delete

By pressing the buttons  and  simultaneously, followed by button  to confirm, a complete reset will be made.

**Note:** *If you no longer wish to perform the reset operation, wait 5 seconds without pressing any button and the system will return to the settings menu.*

## ● Start button setting

According to the factory setting, the appliance distributes coffee only as long as the start button (7 Fig. 1) is held down.

If this button is released during distribution of a shot, the motor stops, the system goes into pause status and the display shows the time remaining to complete the shot and the message "WORKING". In addition, to highlight the fact that the distributed shot has not been completed, the LED for the shot selected flashes. At this point, to complete the dose just press the start button (7 Fig. 1) again with the filter-holder and keep it pressed until the shot is completed.

Instead, if you no longer wish to complete the dose, press one of the two shot buttons




or

to cancel the current shot and return the system to READY position.

However it is possible to change this function by programming the start button (7 Fig. 1) in **pulse mode**. With this setting the distribution of coffee will begin with the simple pressing of the start button (7 Fig. 1) and will end only at the end of the time set for the distribution of the required shot.

To **change the operating mode of the start button**, press the button  five times until this screen is displayed:


Set  
start button

Press  to confirm. The display will show:

Use buttons + -  
pulse OFF

Press the button  or  to set the function ON or OFF.

## ● Leaving the settings menu

To leave the settings menu and return to READY status, press the button  six times until this screen is displayed:

Exit

Press the button  to confirm.

## REGULATING GRINDING

When it leaves the factory the machine has a standard setting, but it may be necessary to adjust grinding further due to various external factors such as the type of mixture used, the humidity, temperature, or the particular distribution requirements of the espresso coffee machine.

The degree of grinding may be further corrected by shifting the special lever (4 Fig. 1) at the base of the hopper (see Fig. 4).



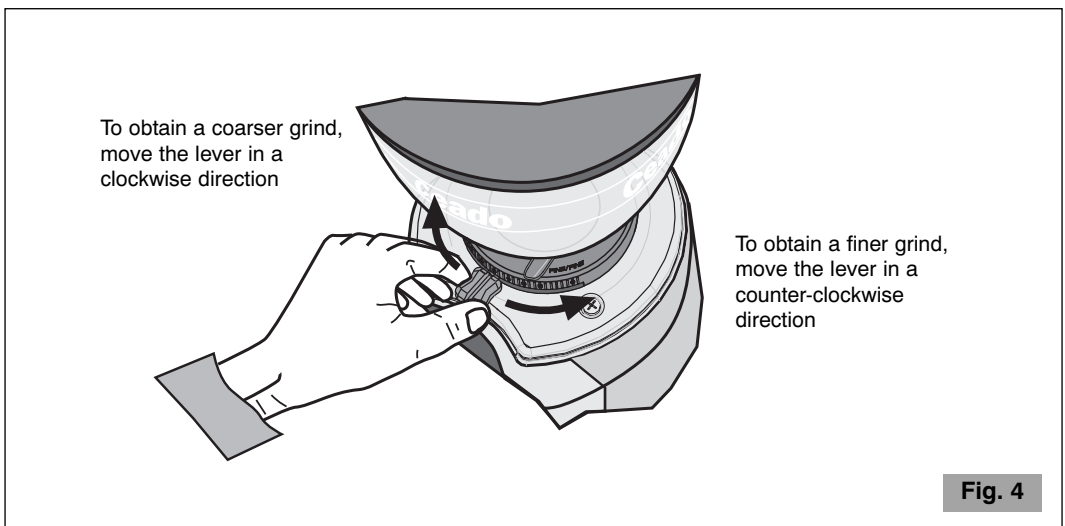
Always take care to move the lever with the motor turning and empty (without coffee between the burrs).

To do this you can operate the shutter (5 Fig. 2) at the base of the hopper to stop or resume the dropping of the coffee beans into the grinding mechanism.

- To obtain a finer grind, move the lever in a counter-clockwise direction.
- To obtain a coarser grind, move the lever in a clockwise direction.

Remember that the grind is related to the coffee extraction time which must be 25-30 seconds for a cup of 25-30 ml. If the extraction time is too long, the grind must be coarser; if it is too short, the grind must be finer.

**NOTE!** It is recommended to grind small amounts of coffee, letting the burrs empty with every regulating attempt, by opening and closing the shutter each time.



## WARNINGS AND SUGGESTIONS

**⚠** **Never operate without hopper and lid in place.**

**⚠** **Make sure that shutter is completely open (to the last click) (see Fig. 5).**

Do not let the coffee grinder run long without coffee beans in the hopper; if this were to happen it would cause tripping of the motor thermal overload protection. In that case it is necessary to wait until the overload protection is reset before starting to grind coffee again.

For this reason, never leave the pack of coffee beans sitting in the hopper as this prevents you seeing how many coffee beans are left.

When the coffee grinder is not to be used during the time when the business is closed, it should always be switched off with the main switch.

**⚠** **Put only coffee beans in the hopper, not ready-ground coffee or other substances.**



## CLEANING

It is important to keep the appliance clean and in good working order to ensure optimum quality of the products and long life of the appliance.

**⚠** **Always disconnect the plug of the appliance from the power socket before cleaning it.**

- **Clean the motor housing and the tray** with a cloth dampened with water or alcohol or with a spray neutral solution.

Wipe with a dry cloth.

**⚠** **Never put the appliance under running water and never immerse in water.**

Once the hopper has been removed it can be washed with lukewarm water and neutral soap, then rinse it and dry well.

- Always clean the discharge opening with the brush provided (Fig. 6).

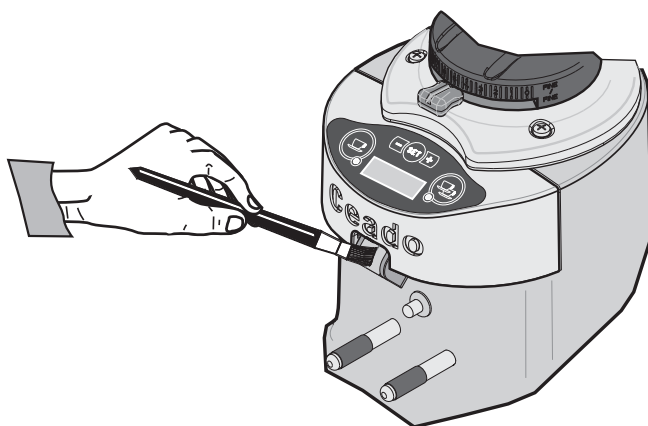


Fig. 6

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## MAINTENANCE



**Maintenance must be carried out exclusively by qualified technical personnel.**

Care for the mechanical and electrical parts of the appliance is indispensable in order to guarantee their safety and efficiency. If any parts need replaced, authentic spare parts must always be used.

The burrs are subject to normal wear and the manufacturer recommends replacing them roughly every 400 kg of coffee; the amount may vary depending on the hardness of the coffee beans and on the coarseness of the grind set.

The efficiency of the burrs is important in order to guarantee the quality of the grind as regards size and the temperature of the ground product; these parameters may have a considerable influence on the success of a good espresso coffee.

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## TROUBLESHOOTING

(See Table on the next page)

In case of any malfunction, defect of the appliance or if you suspect any breakage after a fall, unplug the appliance immediately.

If you are unable to solve the problem referring to the table below, contact an Authorized Service Centre.

**Only qualified experts should repair the appliance.**

We are not liable for any damage caused by repairs not made correctly and/or by unauthorized personnel. In these cases the warranty does not apply.

---

Problem	Solution
The appliance does not turn on.	<ul style="list-style-type: none"><li>• Make sure it is plugged in.</li><li>• Make sure the safety circuit breaker is closed.</li><li>• Check that the main switch of the appliance is ON.</li><li>• If the problem occurs itself after a long period of intensive use or overfilling, the motor could be in thermal protection lock! Wait at least 20 minutes and try again. The waiting time can be reduced by putting the appliance in a cool place.</li></ul>
The coarseness of the grind is not uniform.	<ul style="list-style-type: none"><li>• Try grinding very coarsely for a few seconds, then return to the correct setting.</li><li>• Call the Technical Assistance Service to check and change the burrs.</li></ul>
The coffee is not coming out of the discharge opening correctly.	<ul style="list-style-type: none"><li>• Check that the coffee discharge opening is free.</li></ul>
The motor gets blocked.	<ul style="list-style-type: none"><li>• If the motor gets blocked due to incorrect regulation of grinding or to the presence of a foreign body in the burrs, try increasing to the coarsest grain size by turning the regulating lever clockwise (4 Fig. 1). If this is not enough, switch off the appliance, disconnect the plug from the socket and consult technically qualified personnel.</li></ul>

## DISPOSAL

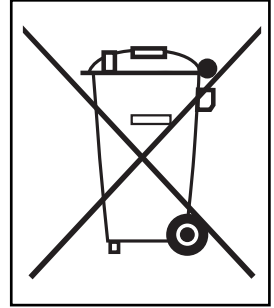
### Correct disposal of this product (waste electrical and electronic equipment)

(Applicable in the European Union and other countries with separate collection systems in conformity with European Directive 2002/96/EC)

This product has been made from high-quality parts and materials, which can be re-used and recycled.

Therefore, do not throw the product away with normal household waste at the end of its working life. Take it to a collection point for recycling electrical and electronic devices. This is indicated by this symbol on the product and in the operating manual.

Please contact your local government office for information about the exact location of the closer collection point.



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## WARRANTY

This product has been manufactured to a high quality standard.

This product is guaranteed against faulty materials and workmanship for a period of three years from the date of purchase when it is used according to the instructions in this instruction and maintenance manual.

Please retain any receipt as proof of purchase.

During the warranty period, this product can either be repaired or replaced, at the manufacturer's discretion, at no additional cost.

If the products needs maintenance or repairs during the warranty period, contact your retailer for shipping instructions. The product should be shipped in its original package or other suitable packing.

The warranty does not apply in case of neglect, misuse, abuse or unauthorized repairs. This warranty does not apply to parts subject to deterioration through normal use such as the burrs. This warranty does not apply to damage caused by foreign objects, substances or accident.

The warranty is limited to the costs of repair or replacement of the product or its defective parts, or an amount equivalent to the price paid for its purchase. No additional requests of damages will be available to the purchaser.

This guarantee is in addition to and does not affect your statutory rights.

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The manufacturer will not accept any liability and the warranty will be invalidated if there is a failure to follow these instructions and the technical and/or safety standards in the country where the appliance is to be used.

In any case these instructions cannot cover every possible event and the user is recommended to use the appliance responsibly.

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**THE MANUFACTURER RESERVES THE RIGHT TO MAKE ANY ALTERATIONS TO  
THE APPLIANCE WITHOUT NOTICE**

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