

**PRO 250-G**



**174303**

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**Read this instruction manual before using and keep it available at all times!**

This instruction manual contains information about installation, operation and maintenance of the appliance and constitutes an important source of information and reference guide. The knowledge of all operational and safety instructions included in this manual is a prerequisite for safe and proper handling of the appliance. Additionally, accident prevention, occupational health and safety, and legal regulations in force in the area the appliance is used apply.

Before you start using the appliance, especially before turning it on, read this instruction manual in order to avoid personal injuries and property damages. Improper use may cause damage.

This instruction manual forms an integral part of the product and must be stored in an immediate vicinity of the appliance and be available at all times. The instruction manual should be transferred together with the appliance.

## 1 Safety

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This appliance has been manufactured in accordance with technical standards currently in force. However, the appliance may be a source of hazards if used improperly or contrary to its intended purpose. All persons using the appliance must consider information included in this instruction manual and observe safety instructions.

### 1.1 Explanation of signal words

Important safety instructions and warning information are indicated in this instruction manual with appropriate signal words. You must strictly follow the instructions, to prevent accidents, personal injuries and property damages.



**DANGER!**

The signal word **DANGER** warns against hazards that lead to severe injuries or death if the hazards are not avoided.



**WARNING!**

The signal word **WARNING** warns against hazards that may lead to moderate or severe injuries or death if the hazards are not avoided.

**CAUTION!**

The signal word **CAUTION** warns against hazards that may lead to light or moderate injuries if the hazards are not avoided.

**IMPORTANT!**

The signal word **IMPORTANT** indicates possible property damages, which may occur if safety instructions are not observed.

**NOTE!**

The symbol **NOTE** indicates subsequent information and guidelines for the user on usage of the appliance.

## 1.2 Safety instructions

### Electrical current

- Too high a mains voltage or incorrect installation may cause electric shock.
- The appliance may be connected only if data on the rating plate correspond with the mains voltage.
- To avoid short-circuit, the appliance should be kept dry.
- If there are malfunctions during operation, disconnect the appliance from the power supply.
- Do not touch the appliance's plug with wet hands.
- Never take hold of the appliance if it has fallen into water. Immediately disconnect the appliance from the power supply.
- Any repairs or housing opening may be carried out by professionals and relevant workshops only.
- Do not transport the appliance, holding it by the power cord.
- Do not allow the power cord to come into contact with heat sources or sharp edges.
- Do not bend, pinch nor knot the power cord.
- Always completely unwind the power cord.
- Never place the appliance or other objects on the power cord.
- Always take hold of the plug to disconnect the appliance from the power supply.

## Supervised usage only

- Only supervised appliance may be used.
- Always remain in an immediate vicinity of the appliance.

## Operating Personnel

- The appliance may only be operated by qualified personnel and trained specialist personnel.
- This appliance may not be operated by persons (including children) with limited physical, sensory or mental capabilities, nor by persons with limited experience and/or limited knowledge.
- Children should be supervised to ensure that they are not playing with or switching on the appliance.

## Safety During Operation of the Slicer

- Never put hands between the pusher handle and the blade or the movable slice thickness partition until they are completely secured (slice thickness adjustment knob set to "0" position).
- During slicing operation keep hands away from the blade in order to avoid cuts and accidents. In order to avoid accidents, always use the pusher handle to push the product to be sliced to the movable slice thickness partition.
- The blade is very sharp; caution is advised when checking the blade sharpness. During operation wear cut protection gloves class 5 of DIN EN 388 standard!
- During operation, the operator should wear safety clothing that meets local sanitary standards.

### Improper Use

- Unintended or prohibited use may cause damage to the appliance.
- The appliance may only be used when its technical condition is flawless and allows for safe operation.
- The appliance may only be used when all connections are executed according to rules of law in force.
- The appliance may only be used when it is clean.
- Use only original spare parts. Never attempt to repair the appliance on your own.
- Do not introduce any changes in the appliance nor modify it.

### 1.3 Intended use

As described below, every use of the appliance for a purpose differing and/or diverging from its intended standard use, is prohibited and considered to be an unintended use.

The following is an intended use:

- Cutting of cold meats and cheese.

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### 1.4 Unintended Use

An unintended use may lead to personal injuries or property damages caused by hazardous voltage, fire or high temperature. The appliance may only be used to perform tasks described in this instruction manual.

The following is an unintended use:

- Cutting of products that are not food products.
- Cutting products with bones.
- Cutting frozen products.

## 2 General information

### 2.1 Liability and warranty

All information and instructions in this instruction manual account for legal regulations in force, current level of technical engineering knowledge as well as our expertise and experience, developed over the years. If special models or additional options are ordered, or state-of-the-art technical solutions were implemented, the actual scope of delivery of the appliance may, in some circumstances, differ from descriptions and numerous drawings in this instruction manual.

The manufacturer is not liable for any damages nor faults stemming from:

- failure to observe instructions,
- unintended use,
- technical alterations introduced by the user,
- usage of unapproved spare parts.

We reserve the right to introduce technical modifications to the product, intended for improvement of the appliance and its performance.

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### 2.2 Copyright protection

This instruction manual, and texts, drawings and images included in it, as well as its other components are copyright protected. It is prohibited to reproduce this instruction manual (including its excerpts), in any form and by any means, and to use and/or transfer its content to third parties without manufacturer's written permission. Violation of the above results in obligation to pay compensation. We reserve the right to claim further damages.

### 2.3 Declaration of conformity

The appliance meets the currently applicable standards and guidelines of the European Union. We confirm the above in the EC Declaration of Conformity. We may provide relevant Declaration of Conformity upon request.



## 3 Transport, packaging and storage

### 3.1 Delivery Check

Immediately upon reception, check the delivery for completeness and possible shipping damage. In the case of visible transport damage refuse to accept the appliance or accept it conditionally. Mark and note the scope of damage in shipping documents/consignment list of the shipping company and lodge a complaint. Concealed damage must be reported immediately upon its discovery, as compensation claims may only be filed within applicable time limits.

If you find that parts or accessories missing, please contact our Customer Service Department.

### 3.2 Packaging

Do not dispose of the appliance cardboard box. It may be used to store the appliance when relocating or when shipping the appliance to our service point in the case of any damages.

The packaging and its elements are made of recyclable materials. Particularly, these are: plastic films and bags, cardboard box.

When disposing of the packaging, observe applicable domestic regulations. Recyclable packaging materials should be recycled.

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### 3.3 Storage

Leave the packaging closed until installation of the appliance; observe external indications concerning method of placing and storage. Store the packaging in the following conditions only:

- in closed rooms;
- in dry and dust-free surrounding;
- away from aggressive agents;
- in a location protected against sunlight;
- in a location protected against mechanical shocks.

In the case of extended storage (over three months), make sure you check the condition of the packaging and the parts regularly. If needed, replace the packaging with a new one.

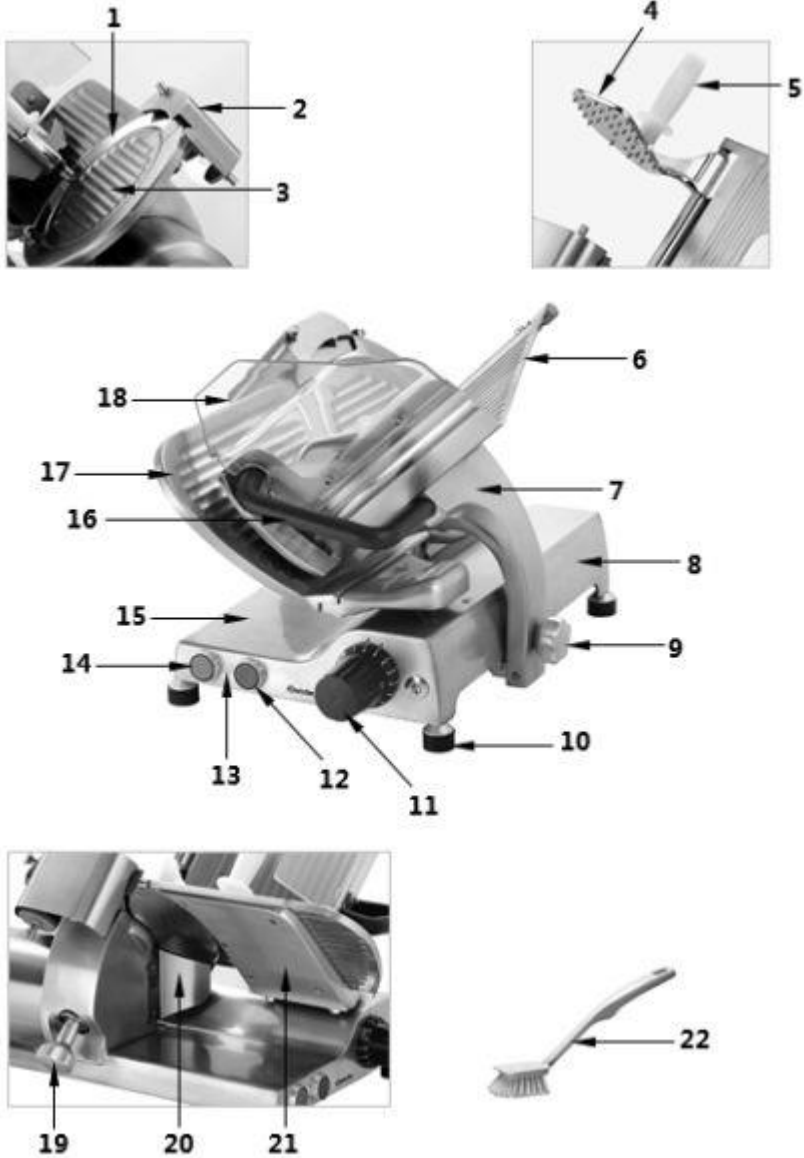
## 4 Technical data

### 4.1 List of components of the appliance

#### Key to Figure 1

- |   |                              |
|---|------------------------------|
| 1. Blade                                    | 2. Sharpener                 |
| 3. Blade protective cover                   | 4. Pusher handle with pusher |
| 5. Pusher grip                              | 6. Food tray                 |
| 7. Carriage with handle                     | 8. Base                      |
| 9. Carriage locking knob                    | 10. Adjustable feet (4x)     |
| 11. Slice thickness adjustment knob         | 12. STOP button (red)        |
| 13. Operation indicator light (orange)      | 14. START button (green)     |
| 15. Slice tray                              | 16. Carriage handle          |
| 17. Movable slice thickness partition       | 18. Pusher handle guard      |
| 19. Blade protective cover retaining screw  | 20. Slice guide              |
| 21. Movable slice thickness partition guard | 22. Cleaning brush           |

## Technical data



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Fig. 1

## 4.2 Technical specifications

<b>Name:</b>	<b>Slicer PRO 250-G</b>
Item No.:	<b>174303</b>
Material:	Aluminium
Blade diameter in mm:	250
Maximum rotational speed in RPMs:	300
Cutting thickness range in mm:	0 - 15
Cutting length in mm:	200
Cutting height in mm:	160
Degree of protection:	IP33
Power supply:	0.16 kW / 230 V 50 Hz
Dimensions (W x D x H) in mm:	410 x 560 x 400
Cable length in mm:	2
Weight in kg:	22,25

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We reserve the right to implement technical modifications!

### Version / Characteristics

- Design: oblique blade / gravity blade, gear appliance
- Carriage design: 1 handle, detachable
- Designed for: cold meats, cheese
- Sharpener
- Pusher
- Slice guide
- Blade protective cover
- Control: button
- ON/OFF button
- Indicator light: ready for operation

### 4.3 Functions of the appliance

The slicer is an appliance, which makes it possible to rapidly slice different kinds of cold meats, meat and cheese.

### 4.4 Protective Elements of the Appliance

#### Mechanical Protective Elements

No. (Fig. 1)	Name	Safety measures to eliminate risk
2	Sharpener	Serves as a top blade protective cover during operation; protects against cut wounds. When the sharpener is removed during operation the appliance stops. After correct fitting of the sharpener, the appliance does not start automatically, but must be re-started with the START button.
3	Blade protective cover	Blade protective cover is equipped with locking system, which makes it impossible to start the appliance if the protective cover is removed or fitted incorrectly.
17	Movable slice thickness partition	Protective measure against unintended starting of blade drive.
7	Carriage	Locking system renders it impossible to start the blade drive with the carriage dismounted. The carriage may be dismounted, for example, for cleaning, only when the slice thickness adjustment knob is set back to "0" position and the carriage is completely pulled towards the slice thickness adjustment knob.

No. (Fig. 1)	Name	Safety measures to eliminate risk
18	Pusher handle guard	The guard is fitted permanently and renders it difficult to grab the sliced product with hands and protects against possible chip-offs.
4	Pusher handle with pusher	Prevents cut wounds stemming from contact with the blade.
5	Pusher grip	Prevents hands from slipping.

### Electric Protective Elements

No. Fig. 1	Name	Safety measures to eliminate risk
12+ 14	Switches	After power cut the appliance may be switched on only by pressing the START button.
	Protective cover of electrical installation compartment (under the appliance)	Prevents indirect contact with live components.
	Electrical protection (see electrical diagram)	Central protective contact. Motor near the motor housing.

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### Residual Risks

Despite all mechanical and electrical protective means the appliance is equipped with according to the regulations (both in the operational phase and during cleaning and maintenance), residual risks exist that cannot be completely precluded. In this instruction manual they are indicated by the warning word **WARNING**. Observe also warning indications on warning stickers placed on the appliance.

Residual risks (e.g. danger of injury) may be present also when slicing smaller pieces or pushing residues. To this end, the appliance is equipped with the pusher handle with pusher.

After disassembly of the appliance for cleaning, pay particular attention to the blade, as with the sharpener removed, part of the blade is exposed.

## 5 Installation and operation

### 5.1 Installation

#### Unpacking / Positioning

- Unpack the appliance, remove all external and internal packaging elements and shipment safeguards.



#### CAUTION!

##### Choking hazard!

Prevent children from accessing package materials, for instance: plastic bags and EPS.

- If the appliance is covered with a protective film, remove it. Remove the film slowly, so no glue residues are left. Remove any glue residues with the use of a suitable solvent.
- Be careful not to damage the rating plate and warning labels fixed on the appliance.
- **Never** place the appliance in humid or wet environment.
- Place the appliance in a way making the connections easily accessible, so that they may be quickly disconnected if such a need arises.
- The appliance should be placed on surfaces that are:
  - even, with sufficient bearing capacity, resistant to water, dry and resistant to high temperatures;
  - sufficiently large, and thus enabling usage of the appliance with no problems;
  - easily accessible;
  - well ventilated.
- Maintain sufficient clearance from table edges. The appliance might turn over and fall down.
- When selecting the place to set the appliance in, consider the dimensions of the appliance (section “Technical Specification”). Provide enough space to securely operate the appliance.
- Operation location must be well lit.
- Place the appliance in a way making the operator be constantly able to see the ON/OFF switch and slice thickness adjustment knob.

To securely use the slicer, keep at least 20 cm distance from the slicer and walls, objects, cupboards, etc.

- The distance from the floor should be approx. 80 cm.

### Power supply connection

- Verify if technical data of the appliance (see rating plate) correspond with the local electric power grid specification.
- Connect the appliance to a single, properly grounded mains socket with protective contact. Do not connect the appliance to a multi-socket.
- The power cord should be laid in a way preventing anyone from threading on it or tripping against it.
- Do not use the appliance with an external timer or remote control.

## 5.2 Operation

### Before the First Use

1. Remove transport protection means from the appliance:
  - plastic blade cover;
  - preserving film.
2. Before use, clean the appliance according to the instructions set out in point 6 “**Cleaning**”.
3. Check before starting:
  - if the parts removed for cleaning are refitted correctly;
  - if the carriage is fitted with the carriage locking knob;
  - if the sharpener is correctly fitted;
  - opening of the movable slice thickness partition with the slice thickness adjustment knob by rotating it clockwise and counter-clockwise;
  - if the food tray is sliding freely by moving it with the handle;
  - if the pusher handle moves freely by raising and lowering it with the pusher grip.



### Slicing Process



#### WARNING!

#### Danger of injury inflicted by sharp blade!

Never assume the position in which hands, fingers or other parts of the body may come into contact with the blade.

Never put hands between the pusher handle (4) and the blade (1) or the movable slice thickness partition (17) until they are completely closed (slice thickness adjustment knob (11) set to "0" position).

Keep hands away from the blade (1) during operation. Use the pusher grip with pusher (4).

1. Prior to loading the slicer with food products for slicing, the slice thickness adjustment knob should be set to "0" position (red point) and start the appliance.
2. Lift the pusher handle (4) and put the food product to be sliced on the food tray (6) so that it is between the movable slice thickness partition (17) and the pusher handle with pusher (4).
3. Assume correct position: make sure to stand in a vertical position in relation to the working table.
4. Set the desired slice thickness with the slice thickness adjustment knob (11) in the range of 1–15 mm.
5. Start the appliance through pushing of the green START button (14).  
The orange operational control lamp lights (13).
6. Hold the pusher grip (5) with the right hand and place the left hand ready next to the slice guide (20) in order to remove the slices (do not touch the blade).
7. Slowly move the carriage (7) (carriage tray + pusher handle + grip) by slightly pressing the product towards the blade (1).

The product to be sliced comes into contact with the blade; the slice slides via the slice guide (20) and falls on the slice tray (15) positioned behind the movable slice thickness partition (17).

7. When the slicing operations are finished, switch the slicer off with the red STOP button (12) and set the slice thickness adjustment knob (11) to "0" position. Do not allow the appliance to run idle.

8. The sliced product may now be removed from the slice tray (15).
9. When the surface of a sliced product becomes frayed or coarse and the cutting operations become cumbersome, the blade must be sharpened.

### Blade Sharpening

The slicer's blade is sharpened with the appliance's sharpener.



Fig. 2: The sharpener mounted



Fig. 3: Removal of the sharpener

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Fig. 4: Preparation for sharpening



Fig. 5: Blade sharpening

1. Disconnect the appliance from the socket (pull the plug).
2. Prior to sharpening, the blade must be cleaned.
3. Before sharpening, carefully clean the edge of the blade with denatured alcohol to degrease it.
4. Dry the blade thoroughly.
5. Carry out the sharpening process as indicated below:
  - remove the sharpener from the appliance (Fig. 2);
  - rotate the sharpener by 180° and set it onto the mandrel, until you feel resistance (Fig. 3).

## Installation and operation

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The sharpener is now ready for blade sharpening (Fig. 4).

Prior to blade sharpening, make sure the slicer is prepared the same way as for the slicing process. Proceed in the following way:

1. Connect the appliance to the power supply.
2. Turn the appliance on by pressing the START button (14).
3. For 5 – 10 seconds, keep the rear wall grinding button pressed (Fig. 4).
4. Then, for the same period of time, press the front smoothing button.
5. At the end of the sharpening process keep both buttons — rear wall button and front wall smoothing button — pressed for 2 – 3 seconds in order to deburr the blade (Fig. 4).

**ATTENTION: Deburring should not take longer than 2 – 3 seconds to avoid the cutting edge deformation.**

6. Turn the appliance off by pressing the STOP button (12).
7. Check if the blade is sharp enough.

Blade sharpness may be checked with the use of slice of paper, running it through blade edge. Sharp blade will cut the paper instantly.

8. Clean the grinding stones after sharpening. They should always be kept clean, to have them operate correctly. Follow the instructions in section 6 “Cleaning”.
9. In order to clean the blade (1), remove the blade protective cover (3). Follow the instructions in section 6 “Cleaning”.
10. To finish with, refit the blade protective cover (3).
11. Set the sharpener (2) back in its initial position (Fig. 1), proceeding in reverse order.

**NOTE: Sharpening process gradually diminishes the blade diameter. Diameter of a new blade is 250 mm. If the blade diameter is smaller than 240 mm, further sharpening is no longer possible and the blade must be exchanged with a new one.**

## 6 Cleaning

### 6.1 Safety Instructions for cleaning

- Before cleaning, disconnect the appliance from the power supply.
- Leave the appliance to cool down completely.
- Make sure water does not enter the appliance. Do not immerse the appliance in water or other liquids during cleaning. Do not clean the appliance with a pressurized water jet.
- Do not use any sharp or pointed, nor metal implements (knife, fork, etc.). Sharp or pointed implements may damage the appliance, and when in contact with live parts, they may cause electric shock.
- For cleaning, do not use any scouring agents that contain solvents nor corrosive cleaning agents. They may damage the surface.

### 6.2 Cleaning

1. At the end of each working day, and more frequently if needed, thoroughly clean all parts of the appliance that come into contact with food products.
2. Perform the following prior to cleaning:
  - disconnect the appliance from power supply (pull the plug)
  - set the slice thickness adjustment knob (11) in “0” position
  - move the carriage (7) towards the slice thickness adjustment knob (11), until you hear clear the sound of clicking.

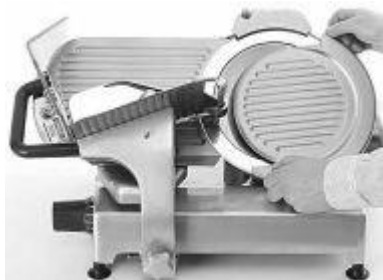


Fig. 6



Fig. 7



Fig. 8

3. Turn off the carriage locking knob (9) (Fig. 7).
4. Remove the complete carriage assembly from the appliance, together with food tray (6), pusher handle (4) with pusher and guard (18).
5. Loosen the blade protective cover retaining screw (19) at the rear wall of the appliance.
6. Remove the blade protective cover (3) with the help of both handles (Fig. 6).
7. Remove the slice guide (20) from the appliance, by raising and removing it from screws (Fig. 8).
8. Wash the removed parts thoroughly in warm water with gentle cleaning agent.
9. Rinse with clean water to remove remains of the cleaning agent.
10. Thoroughly dry the cleaned elements before re-attaching.

**WARNING! The blade of the appliance is extremely sharp — do not touch any blade edges! During cleaning of the blade wear cut protection gloves of class 5 of DIN EN 388.**

11. Remove the sharpener (2) from the appliance.
12. Clean the blade (1) of the appliance with a sponge or a wet cloth.
13. Clean the permanently fixed central blade safety cover (under the blade protective cover (3)). Remove food products left-overs that accumulated on the blade protective cover, using the enclosed cleaning brush (22).
14. Clean the sharpener's grinding stones (2) thoroughly with the enclosed cleaning brush; to end with, use denatured alcohol. Keep them clean at all times.
15. All other sharpener's elements should be cleaned in warm water with mild cleaning agent.
16. Clean the slice tray (15) and base (8) with wet cloth. Wipe with a cloth moistened in clean water.
17. Dry all cleaned surfaces thoroughly.
18. Refit the removed parts back in the appliance:

- fit the blade protective cover (3) with two handles back onto the opening of central safety cover; at the end, screw on the blade protective cover retaining screw (19) at the rear wall of the appliance;
- fit the sharpener (2) on top, as a protective element;
- refit the appliance with a complete carriage assembly and screw it in with the carriage locking knob (9).

### Maintenance

The slicer must be regularly lubricated with a precision mechanics oil in locations (A, B, C, D) presented in Fig. 9 and 10. The appliance and oiling nipples should be thoroughly cleaned as per the above indications.

**NOTE: Do not use edible oil for lubrication.**

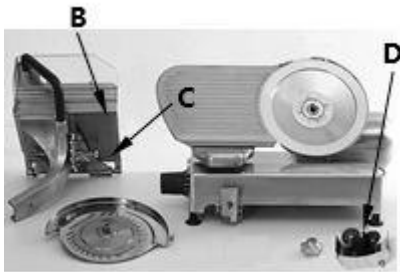


Fig. 9



Fig. 10

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### Daily Maintenance

[A] — Oiling of the carriage guide

[B] — Oiling of the carriage

Indicated locations should be oiled daily or when slight resistance may be sensed. Use the enclosed precision mechanics oil.

## Possible Malfunctions

### Monthly Maintenance

[C] — Oiling of the food tray with a few drops of oil

### Quarterly Maintenance

[D] — Once per three months grease rotational elements of the sharpener (mandrel and sleeves)

## 7 Possible Malfunctions

Malfunction	Possible reason	Solution
The machine does not work	No power	Check the electric power supply
	Damaged electrical installation	Contact the supplier
	Blade protective cover fitted incorrectly	Screw in the blade protective cover retaining screw
	Damaged condenser	Contact the supplier
	Damaged switch	Contact the supplier
	Damaged motor	Contact the supplier
Noises after starting	Damaged spiral gear	Contact the supplier
	Damaged ball bearing	Contact the supplier
	Damaged blade retaining element	Contact the supplier
Unsatisfactory slicing results	Blunt blade	Contact the supplier
	The appliance is soiled	Clean the soiled parts
	The carriage runs with difficulties	Lubricate the carriage

### 8 Disposal

#### Electrical appliance



Electric appliances are marked with this symbol. Electrical appliances must be disposed of and recycled in a correct and environmentally friendly manner. You must not dispose of electric appliances with household waste. Disconnect the appliance from the power supply and remove power cord from the appliance.

Electrical appliances should be returned to designated collection points.