GRAVITA' PLD 300-330-350 AUT



USE AND MAINTENANCE MANUAL

FOREWORD

This manual is meant to provide Customers with information on the machine and its specifications, and provides all the necessary operating and maintenance instructions in order to ensure machine performance and longevity.

This manual must be kept until the machine is disposed of. This manual should be accessible to all maintenance and operating personnel.

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CHAP. 1 - RECEIVING THE MACHINE

1.1 - PACKAGING

The slicer is shipped (Fig. n°1) on wooden pallets and packed in a cardboard box and covered in protective nylon. Packaging materials must be disposed of separately and in conformity with waste treatment legislation of the country of destination.

	Dimensions AxBxC (mm)	Gross weight (Kg)
PLD 300	870x840x750	53
PLD 330	870x840x750	54
PLD 350	870x840x750	55





Do not stack more than one machine on top of another (*Fig.* n° 3).





Do not expose the package to humidity or rain (*Fig.* $n^{\circ}4$).



\triangle

Heavyweight package. Do not manually lift without the help of at least three people (*Fig.* n° 5).

To handle and move the package use suitable manual or electric material handling equipment fitted with suitable lifting accessories (*Fig.* $n^{\circ}6$).



As the centre of gravity of the package is off -centre do not to use lifting slings (Fig. 7) to move the package (*Fig.* n° 7).

1.2 - CHECKING PACKAGING UPON DELIVERY

lf packaging shows signs damage of caused during transport, the carrier must be informed immediately; moreover a detailed report on the extent of the damage caused to the machine must be notified to the carrier within three days from the delivery date documents. shipping If there on the are no signs of damage, open packaging and check that all parts are included. Do not



overturn the package!! When handling the packed slicer, make sure the box is lifted by the 4 corners (parallel to the ground).

CHAP. 2 - INSTALLATION



All operations must be carried out by specialized personnel (*Fig.* n°9).

2.1 - UNPACKING

Remove the straps from the package (*Fig.* $n^{\circ}10$) and lift the cardboard (*h*). The package should be:

- a) the machine on the pallet (*Fig. n°11 detail a*);
- b) blade extractor (*Fig. n°11 detail e*);
- c) 4 feet (*Fig. n°11 detail f*);
- d) Case, if present (Fig. n°11 detail b).

If it present, check inside the suitcase and find the following components: (*Fig.* $n^{\circ}11$)

- 1. Instruction booklet (detail d);
- 2. **CE** compliance certificate (*detail c*);
- 3. Audio-visual cassette;
- 4. Liquid detergent with sprayer;
- 5. Oil tube;
- 6. Sharpening and burring grinders;
- 7. Socket wrench to remove grinders;
- 8. Grinder brush;
- 9. Large and small screwdrivers;
- 10. Pliers.



2.2 - POSITIONING

Position the pallet, with the slicer, on a flat surface and remove (a) the cap from the slicer (Fig. n°12).

Turn the machine on its side (Fig. n°13) and utilising the correct wrench provided unscrew the 4 nuts which secure the slicer to the pallet. Remove the 4 washers and unscrew the 4 fastening tie rods on the wooden pallet. Remove the pallet and fasten the 4 feet provided to the slicer. Finally, replace cap in its original position. Position the slicer in its final operating location.

The dimensions indicated in Tab. 1 (which vary depending on model) must always be considered and taken into account for when deciding on the final location of the slicer. Slicer location must be sufficiently wide enough to accommodate the slicer, level, dry, smooth, robust, stable and at a height of approximately 80 cm from the ground and at least 20 cm from walls, objects, shelves, etc. (Fig. n°14) to allow for sufficient room to operate the slicer respecting and safeguarding operator safety.

Furthermore, the machine must be located in an environment with a maximum humidity of 75%, non-saline and with a temperature ranging between +5°C and +35°C; and in any event in environments which conform to the above specifications.

Make sure the graduated hand grip is in position "0".

Check alignment of the blade-thickness gauge by running a finger (Fig. n°16) from the blade towards the thickness gauge (never in the opposite direction). Unscrew the feet on the operator's side until the slicer is correctly aligned and level. (Fig. n°17).





2.3 - ELECTRICAL CONNECTION

Check that the specifications provided in the rating plate -serial number (Fig. n°18) and in the consignment and delivery documents, correspond; if not contact the supplier immediately.

Check power supply cable and slicer earthing.



Fig. n°18

2.3.1 - Slicer with single-phase motor

The slicer is fitted with a power supply cable having a cross section of $3x1mm^2$; approximate length 1.5m and a "SHUKO" plug. Connect the 230 V - 50 Hz slicer, interposing a 10 A ΔI = 0.03A thermomagnetic differential switch.

2.3.2 - Slicer with 400 V. three-phase motor

The slicer is fitted with a power supply cable having a cross section area of $5x1mm^2$, approximate length 1.5m and a red 15A 3F + T CEI plug. Connect the slicer to the 400 V - 50Hz three phase supply mains, interposing a 10 A Δ I= 0.03A thermomagnetic differential switch.

2.3.3 - Slicer with 230 V. three-phase motor

The slicer is fitted with a power supply cable having a cross section area of $5x1mm^2$, approximate length 1.5m and a blue 15A 3F + T CEI plug. Connect the slicer to the 230 V - 50Hz three phase supply mains, interposing a 10 A ΔI = 0.03A thermomagnetic differential switch. Check blade rotation is anti-clockwise looking at the slicer from blade cover side. If not proceed as in 2.3.4.

2.3.4 - Blade rotation direction

To check direction of blade rotation press the "I" pushbutton (ON), and then immediately press the "0" pushbutton OFF. Blade rotation must be anticlockwise when looking at the slicer from blade cover side (Fig. n°19).

In the event rotation is incorrect , invert (Fig. n °20) two of the three-phase wires (black, grey or brown) in the plug.





2.5 - CONTROL PANEL

- 1. "ON" pushbutton
- 2. "OFF" pushbutton
- 3. Hopper speed setting fast
- 4. Hopper speed setting, medium
- 5. Hopper speed setting, slow
- 6. Food product to slice small
- 7. Food product to slice medium
- 8. Food product to slice large

9. Enables/disables the automatic advancement of the hopper: on the basis of the chosen mode the AUTO or MAN LED lights up

10. Enables/disables counting of the slices to be cut. LED lit on position "0 -> ∞ ": the display will show the number of slices cut. LED lit on position "99 -> 0": the number of slices to be cut must be set using the "+" and "-" buttons (ref.

11–12); the display (ref. 13) will show the countdown of set number of slices

- 11. Reduce the number of slices to cut.
- 12. Increase the number of slices to cut
- 13. Display



2.6 - PRELIMINARY CHECK(see FIG.n°22)

Before testing the slicer make sure the product hopper is secured in place, and then proceed with testing as follows :

Manual slicing

- button ref. 10: LED lit on position "99 -> ∞";
- button ref. 9: LED lit on position "MAN";
- press the ON (ref.1) OFF (ref.2) pushbuttons;
- check that slicer stops working when the bladeguard tie-rod is unscrewed (Fig. n°30); with the
- machine running, unplug it and then plug it in again to check that it does not start-up automatically .

Automatic slicing

- button ref. 10: LED lit on position "99 -> ∞";
- button ref. 9: LED lit on position "MAN";
- press the ON (ref.1) OFF (ref.2) pushbuttons;
- press the three carriage travel buttons (ref.6-7-8);
- press the three speed buttons (ref.3-4-5);
- check that slicer stops working when the bladeguard tie-rod is unscrewed (Fig. n°30); with the
- machine running, unplug it and then plug it in again to check that it does not start-up automatically.

CHAP. 3 - INFORMATION ON THE MACHINE

3.1 - GENERAL SAFETY PRECAUTIONS

The general precautions, although they appear obvious, are fundamental and must be respected when installing, using and servicing the machine and for dealing with possible malfunctions.

- The slicer is designed for cutting fresh, seasoned and cooked meats, cured meats and vegetables, non-frozen and boneless, up to maximum 20°C (*Fig. 23*). Any other use must be regarded as improper and thus dangerous.
- The Manufacturer shall not be held responsible for :
- the machine is tampered with by unauthorised personnel;

- components are replaced with nonoriginal parts;

- the instructions in this manual are not followed carefully;

- machine surfaces are treated with unsuitable products.

- Keep this manual in a safe and accessible place for future reference (*Fig. n°24*).
- The slicer must only be used by trained personnel who have knowledge of the safety standards











provided in this manual.

- In the event of staff turnover, new operators must be properly trained .
- Do not allow the slicer to be used by children or by untrained people (*Fig. n*°25).
- Before performing cleaning or maintenance operations, disconnect the machine from the mains power supply.
 When performing routine maintenance or cleaning the slicer (the guards are removed),
- carefully evaluate all residual risks.
- During maintenance or cleaning it is of utmost importance that the operator is fully concentrated on the operations being performed.
- Do not use corrosive or flammable substances to clean the slicer (Fig. n°26); only use the cleaning product provided (*Fig. n°26*);
- To clean the slicer carefully follow the instructions in the chapter: "Routine cleaning".
- Do not wash the slicer in a dishwasher (Fig. n° 27) or with water jets, do not submerge it in water or in other liquids.

Do not leave the slicer exposed to damaging agents such as sun, rain, liquid sprays,

• humidity, ice (*Fig. n°28*).







- Do not pull the slicer or the power supply cable (Fig. n°29) to unplug it.
- Regularly check the state of the power supply cable; a worn out cable or in any case not intact represents a serious electrical hazard.
- If the machine remains unused for long periods of time, before using it again have it overhauled and checked by a "Service Centre".
- If the slicer show signs of malfunctioning, it is recommended to turn it off not to use it, do not repair, but contact the "Service Centre", details are provided on the back cover of this manual.
- Do not leave the slicer plugged in if not in use. Always unplug the machine when it is not being used.
- Although safety devices are fitted to protect hazardous points on the machine, do not place hands near the blade and other moving parts.
- Never slice the product without utilising the product pusher.
- Do not assume positions that cause parts of the body to come into direct contact with the blade.



Fig. n°29

CHAP. 4 - GETTING FAMILIAR WITH THE SLICER

4.1 - CONSTRUCTION FEATURES

The slicer is made of an anodized aluminium alloy (AIMg3) a food grade material (hygienic) which is acid and salt resistant as well as being highly resistant to oxidation.

The blade is in 100 Cr6, rectified chrome-plated and hardened steel ensuring slicing precision even after sharpening. Most of the other components present are made of:

- ABS pla tic suitable for contact with foodstuffs
- AISI teel
- alumin um.

4.1.2 - Slicer components



LEGEND:

- 1 Cap knob
- 2 Cap
- 3 Thickness gauge hopper
- 4 Handguard
- 5 Foot
- 6 Graduated hand grip
- 7 Stem grip
- 8 Stem
- 9 Manopola bloccaggio gambo
- 10 Product hopper
- 11 Base
- 12 Knob for adjustable product holder

- 13 Adjustable product holder
- 14 Blade protection ring
- 15 Blade
- 16 Blade cover
- 17 Product pusher
- 18 Product pusher grip
- 19 Control panel
- 20 Blade cover tie rod hand grip
- 21 Slice guard
- 22 Knob for thickness gauge cover
- 23 Thickness gauge cover

4.2 - SAFETY DEVICES INSTALLED ON THE MACHINE

4.2.1 - Mechanical safety

Concerning mechanical safety, the slicer described in this manual responds to: - **EEC 2006/42** machine directives.

Safety is ensured by: (*Fig. n*°31)

- Gauge plane (ref. n°1);
- Ring (*ref.* n°2);
- Cap (*ref.* n°3);
- Product pusher (*ref. n°4*);
- Product pusher grip (ref. n°5);
- Handguard (*ref.* n°6);
- Trolley transported only when thick-ness gauge plane is at "0", at the end of the run and towards operator side.





4.2.2 - Electrical safety

Concerning electrical safety, the slicer described in this manual responds to:

- EEC 2014/35/UE low tension directive;
- Directive 2014/30/UE electromagnetic compatibility.

The slicer is fitted with:

 a microswitch on the blade cover causes the machine to stop if the blade cover tie-rod is removed, and prevents the slicer from being turned on if the blade cover is not properly closed (*Fig. n°32*);



Fig. n°32

- A relay in the control circuit, that requires the machine to start up again in case of an accidental loss of electricity (*Fig. n*°33).

Relay in the circuit



Although the professional CE slicers are equipped with standard measures for electrical and mechanical protection (for slicing and for cleaning and maintenance operations), **RESIDUAL RISKS** exist and cannot be completely eliminated. These risks are highlighted in this manual under the form of <u>WARNING</u>. They concern hazards related to cutting, bruising and other injuries caused by the blade or by other machine parts.

4.3 - DESCRIPTION OF THE MACHINE

Professional CE slicers have been designed and manufactured by our company with the precise purpose of slicing food products (cold meats, meat products and vegetables) and they guarantee:

- maximum safety in use, cleaning and maintenance operations;
- maximum hygiene thanks to a meticulous selection of materials that come into contact with the food products, and by eliminating sharp edges which come into contact with the product facilitating cleaning and part removal;
- maximum slicing precision thanks to a cam mechanism;
- all components are of robust and stable construction;
- maximum silence thanks to the choice of belt transmissions;
- easy to handle.

WARNING:

The electrical specifications for the slicer are provided on the rating plate affixed to the rear of the machine.

4.4 - OVERALL DIMENSIONS, WEIGHT, FEATURES ...









Fig. n°35

TAB. n°1 - DIMENSION MEASUREMENTS AND TECHNICAL FEATURES

Model	U.	mod. 300 - 330 - 350		
Blade diameter	mm	300	330	350
AxB	mm	465x340	465x340	465x340
CxDxE	mm	622x620x513	649x611x515	659x610x515
FxDxG		647x620x528	665x620x530	675x610x530
Hopper	mm	305x270	305x270	305x270
Run of carriage	mm	310	310	310
хүнw	mm	270 190 240 220	270 210 260 240	270 225 275 250
Cut thickness	mm	23	23	23
Motor	Watt Hp	275 + 200 0,37 + 0,27	275 + 200 0,37 + 0,27	275 + 200 0,37 + 0,27
Net weight	Kg	38	39	40
Power source	1ph 3ph	230 V. / 50 Hz 230-400 V. / 50 Hz		
Noise level	dB	60≤		

CHAP. 5 - USING THE MACHINE

5.1 - OPERATIONAL CHECK

Before every use, please follow these instructions:

- check the slicer is correctly installed refer to **chap. 2**;
- make sure the hand guard has been installed correctly and tightened;
- check that the hopper is securely fastened utilising the lock knob (*Fig. n°36 ref.1*);
- check the hopper travels freely and there are no obstacles on the counter (*Fig. n°37 ref.a*);
- check the product pusher can be raised and lowered easily and movement is not impeded in any way;
- check that the goods pressing arm easily rises and lowers so that it is not impeded in all its movement (Fig. n°36 ref.b1-2-3);







Fig. n°37

 check the thickness gauge opens and closes correctly by turning the thickness selection knob clockwise and anti-clockwise (*Fig. n°38 ref.c*);



Fig. n°38

- check the sharpener is securely fastened to the machine and can be easily removed and free of obstacles (*Fig. n°39 ref.d*).



Manual slicing

- 1. To disable automatic slicing press pushbutton (ref.9) led acceso su posizione "MAN".
- 2. Press the "ON" pushbutton (*ref.1*)
- 3. Proceed with slicing the product by guiding the hopper assembly.



Automatic slicing with slice counter programmed:

- 1. To enable automatic slicing press pushbutton (ref.9) LED lit on position "AUTO".
- 2. Press pushbutton (ref. 10) LED lit on position (99 0).
- 3. Set the required number of slices to cut utilising the "+" (ref.12) and "-" (ref.11) pushbuttons .
- 4. Press the "ON" pushbutton (*ref.1*).
- 5. Set hopper assembly travel to the required size of the product to slice small-medium-large (ref.6-7-8).
- 6. Set hopper assembly speed to the required slicing speed depending on the product to slice slow-medium-fast (ref. 5-4-3).

Automatic slicing without programming slicer counter:

- 1. Press pushbutton (ref. 9) LED lit on position "0 -> ∞".
- 2. Press pushbutton (ref. 10) LED lit on position "AUTO".
- 3. Press the "ON" pushbutton (ref.1).
- 4. The number of slices cut is viewed on the display (ref.13).
- 5. Set hopper assembly speed to the required slicing speed (ref. 3-4-5).
- 6. Set hopper assembly travel to the required size of the product to slice (ref.6-7-8).
- 7. At the end of work, press pushbutton "OFF".

WARNING!

When the "OFF" pushbutton is pressed, the hopper assembly returns to its loading position and the blade stops rotating.

5.2 - LOADING AND CUTTING THE PRODUCT

WARNING: The goods to be cut are loaded on the hopper only with the graduated hand grip at "0" and the motor stopped, being careful with the blade and the points.

Proceed as follows:

- position the adjustable product holder (1) so as to leave sufficient space for loading the food product;
- 2. move the product pusher (2) to the right so as to leave sufficient space for loading the food product.
- 3. load the food product;
- 4. move the adjustable product holder (1) up against the food product and secure in place utilising the purpose knob (3)(this prevents the product from moving when being sliced);
- 5. position the product pusher (2) on the product (this product pusher is fairly heavy which facilitates slicing operations).
- 6. in the event there are several small sized food products to slice, it is possible to slice several products simultaneously.
- 7. utilising the thickness selection knob select required slicing thickness.

MANUAL SLICING

9. stand in a correct position to prevent accident and injury; grip the product pusher with your right hand and position your left hand near the slice guard to retrieve the slices (do not touch the blade). Your body must always be vertical in respect to the counter top (*Fig. n°42*). <u>WARNING</u>: Always stand in a position so as to prevent parts of your body coming

as to prevent parts of your body coming into contact with the blade (e.g. *Fig. n°43*);

- 10. push the "ON" pushbutton;
- 11. push the hopper assembly (hopper + product pusher + stem) gently towards the blade, without applying excessive pressure on the product with the product pusher. The product pushed up against the blade is cut into slices which then pass through the slice guard (*Fig. n°44*);









- 12. do not use the slicer without a food product ;
- 13. after slicing the required amount of food product, stop the slicer by pressing the "OFF" pushbutton and turn the thickness selection knob to "0";
- 14. after slicing, do not leave the food lying on the product. Store the food that has just been sliced in a place suitable for its preservation.
- 15. If the sliced product has a threaded or rough appearance, sharpen the blade to prevent creating excessive pressure in the blade (chap. 5.3).

AUTOMATIC SLICING

- Always stand in a correct position to prevent accident or injury. Press the "ON" pushbutton and position your left hand near the slice guard to retrieve the slices (do not touch the blade). Your body must always be vertical in respect to the counter top (*Fig. n°42*). WARNING: Always stand in a position so as to prevent parts of your body coming into contact with the blade (e.g. *Fig. n°43*);
- 10. do not use the slicer without a food product;
- 11. after slicing the required amount of food product, stop the slicer by pressing the "OFF" pushbutton and turn the thickness selection knob to "0";
- 12. after slicing, do not leave the food lying on the product. Store the food that has just been sliced in a place suitable for its preservation.
- 13. If the sliced product has a threaded or rough appearance, sharpen the blade to prevent creating excessive pressure in the blade (chapter 5.3).

5.3 - SHARPENING THE BLADE

<u>WARNING</u>: Before proceeding with blade sharpening, evaluate **RESIDUAL RISKS** (chapter 4.2.2) concerning hazard of injury if the below instructions are not respected. The slicer blade should be sharpened periodically the moment slicing precision and performance diminishes. To sharpen slicer blade follow and respect the below instructions:

- 1. disconnect the plug from the socket and carefully clean the blade with denatured alcohol to remove any grease build-up;
- 2. lift (a) the sharpener cap (1) and turn it 180° (ref.b *Fig. n°45*);
- 3. release the cap (c) so that it fits onto the locator pins (ref.d *Fig.* n°46);
- 4. check that the blade is in between the two grinders;
- 5. connect the plug and press the "ON" pushbutton to start up the slicer.
- press pushbutton ref.2 Fig.n°47 the blade should come into contact with the two grinders. Leave the blade to rotate for about 30/40 sec. so that a slight burr forms on the blade edge;
- 7. press the 2 pushbuttons 2 and 3-simultaneously for 1-2 sec. to dress the blade and then release (*Fig. n°48*);
- 8. after sharpening it is recommended to clean grinders and blade (chap. 6.2.3);
- 9. Once sharpening is completed, replace the sharpening device in its original position inverting the above procedure.

N.B.: Blade dressing should not exceed more than 1-2 sec. to prevent damaging the blade edge.

Fig. n°46







Fig. n°48

CHAP. 6 - ROUTINE CLEANING 6.1 - FOREWORD

The slicer must be cleaned at least once a day and if necessary, more frequently. All the parts of the slicer that come into direct or indirect contact with the food product must be scrupulously cleaned.

The slicer must not be cleaned with water cleaning machines or water jets, but with the <u>product</u> <u>provided</u> and/or with neutral detergents (pH 7). The use of any other detergent is prohibited. Utensils, brushes and or other tools must not be used which could damage machine surface.

Before cleaning always :

- 1. disconnect the plug from the mains power supply to completely isolate the machine from the mains network;
- 2. Turn the thickness selection knob to "0".

WARNING: evaluate residual risks due to sharp parts which could cause injury.

6.2 - CLEANING THE MACHINE 6.2.1 - Cleaning the hopper

see Fig. n°49

The hopper assembly (hopper + pusher + stem) is easy to remove:

- turn the thickness selection knob to
 "0" (1);
- move the h pper assembly (2) to end of travel
 (a) towards the controls; partially unscrew the hopper lock knob (3), pull the assembly towards the operator; completely unscrew the hopper lock knob, and then lift the assembly (4) (b);
- once the assembly is removed, the hopper can be cleaned with warm water and the detergent provided or with a warm water and neutral detergent (pH 7) solution Fig. n°50





6.2.2 - Cleaning the blade, the blade cover and the ring (see FIG.n°51-52-53)

<u>WARNING:</u> a pair of metal gloves must be worn when cleaning the blade (1) (Fig. n°51) and use a damp cloth.

Unscrew the hand grip from the blade cover tie rod (1) and extract the blade cover (2) using the proper grip to hold it (Fig. n°51). At this point it is possible to clean the blade Fig. n°52.

To clean the surfaces opposite the blade and the ring, the blade must be extracted in the following way:

1.unhook the blade cover (*Fig. n°51*);

- 2.remove the sharpening device (Fig. n°53 ref.
 a) and open, utilising the thickness selection knob, the thickness gauge so that the jig (Fig. n°53 ref. b) adheres to the blade; unscrew the three or four screws (Fig. n°53
- 3.ref. f), depending on the model, which fasten the blade in position;
- 4.position the jig (b) on the blade so that the split in the jig fits in the ring (Fig. n°51 ref. c); match the axes of the two holes (*Fig. n°53*
- 5.*ref.d*) on the blade with the two knobs (*Fig. n*°53 *ref.e*) on the jig, simply making the blade turn to the desired position;
- 6.screw the two knobs (e) without excessively tightening them.

N.B. The blade cover must be cleaned with warm water and the detergent provided or with a warm water and neutral detergent (pH 7) solution.







Fig. n°53

6.2.3 - Cleaning the sliceguard

(Fig. n°54)

To remove the sliceguard simply grasp the hand grip (1) and pull up so that the two pins unhook (2), and then extract the sliceguard. At this point clean the sliceguard with warm water,

the equipped detergent or with neutral detergent (pH 7).



(a)

6.2.4 - Cleaning the sharpener

To clean the sharpener proceed as follows, Fig. n° 55-56:

- 1. lift (a) the cap up to end of travel;
- 2. loosen the knob (1);
- 3. lift (b) the casing (2) and remove (1). Make sure the knob passes through the largest opening in the casing (2);
- 4. rub the grinders with a brush. All other slicer components must be cleaned with warm water and the detergent provided or with a warm water and neutral detergent (pH 7) solution.



Fig. n°56

6.3 - SLIDE GUIDES LUBRICATION

The slide guides on the hopper assembly (1 -2) must be lubricated periodically with the oil (a) provided in the kit (a).



Fig. n°57

CHAP. 7 - MAINTENANCE

7.1 - FOREWORD

Before performing any maintenance operation:

- a) Disconnect the plug from the mains to isolate the slicer from the mains power supply.
- b) Turn the thickness selection knob to "0".

7.2 - BELT

The belt does not require adjustment. Generally after 3/4 years it must be replaced. Contact your local "SERVICE CENTRE" for replacement".

7.3 - FEET

The support feet can deteriorate in time and lose their elasticity, causing loss in stability. To replace contact your local "SERVICE CENTER".

7.4 - POWER SUPPLY CABLE

Periodically check for wear in the power supply cable. If the power supply cable shows signs of wear or damage contact you local "SERVICE CENTRE" for a replacement.

7.5 - BLADE

After numerous sharpening and dressing operations check blade diameter. The diameter must not exceed more than a 10 mm reduction tolerance in respect to the original diameter. Contact you local "SERVICE CENTRE" for a replacement.

7.6 - GRINDERS

Check that the grinders maintain their abrasive property during sharpening. Grinders that are no longer abrasive must be replaced to prevent damaging the blade. Contact you local "SERVICE CENTRE" for a replacement.

7.7 - SLIDING GUIDES LUBRICATION

Occasionally put a few drops of oil (from the tube provided) on the round bar the hopper assembly slides back and forth on, through the hole (OIL) located on the side of the thickness selection knob.

7.8 - PUSHBUTTON PANEL LABEL

The pushbutton panel label can be damaged in time. Contact you local "SERVICE CENTRE" for a replacement.

7.9 - ERROR CODES

If one of the following error codes comes up on the display proceed with the instructions provided to remedy the fault. In the event it is not possible to remedy the fault, contact your local "Authorised Service Centre".

Error code	Cause	Solution
E1	High mechanical load	- Decrease the quantity/weight of the product loaded.
E2	<i>"Slices" value set to "0" with the slice counter enabled</i>	- Set the number of slices.
E3	Home search failed	 Check the encoder connection. Check the motor connection. Check the hopper assembly end-of- stroke magnet.
E4	Hardware error	- Check the communication between the keyboard and the power supply.
E5	Hardware error	- Check the encoder connection.
E6	Motor overheating	- Switch the machine off then on again. - Replace the power board
E7	Bus voltage too low	- Check the power supply voltage
E8	Bus voltage too high	- Check the power supply voltage
E9	Requested speed too high	- Decrease the quantity/weight of the product loaded.

CHAP. 8 - SCRAPPING

8.1 - PUTTING THE MACHINE OUT OF SERVICE

For whatever reason, you decide to put the slicer out of service, make sure nobody can use it: disconnect it from the mains and eliminate electrical connections .

8.2 - WEEE Waste of Electric and Electronic Equipment



Directive 2002/95/EC, 2002/96/EC and 2003/108/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment, and waste electrical and electronic equipment.

This symbol, crossed out wheelie bin, on the product or on its packaging indicates that this product must not be disposed of with your other household waste.

Separate waste collection of this appliance is organised and managed by the manufacturer. It is the user's responsibility to contact the manufacturer and follow the waste treatment system the manufacturer has adopted for separate waste collection.

The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

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