

VERCELLA FABIO

Sede Legale: Via Burolo, 27 - 10015 IVREA - TORINO - ITALIA

Sede Operativa: Via Mulini, 2 - Via Borgo, 30 - 10010 MERCENASCO - TORINO - ITALIA

Codice Fiscale VRCFBA70E11E379Z - Partita I.V.A. IT11849410011

Iscrizione Registro Nazionale Produttori AEE: IT1806000010447

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GENERAL NOTICES

USER MANUAL

EQUIPMENT DESCRIPTION:

Electric mills to grind cereals and legumes for animal husbandry.

SPECIFIC EQUIPMENT APPLICATIONS:

Livestock feeding.



TECHNICAL DATA

MODEL	ETS
MOTOR 230V. 50Hz.	HP 1,5
SUPPLIED GRID Ø mm.	1,5 – 2,5 – 5 – 7
HOURLY OUTPUT (1) kg.	25 – 50 – 110 – 200
PACKING SIZE in mm.	460X460X660
GROSS WEIGHT Kg.	11
BIN Lt.	50

(1) Hourly production is indicative and can change according to the type and moisture content of the cereals.



INSTRUCTIONS FOR USE



THIS MANUAL IS INTENDED FOR THE USER

- Please read carefully the directions of this manual as they provide important safety information for installation, use and maintenance.

KEEP THIS MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE

- Before connecting the mill, check power supply for compliance to technical specifications.
- If plug and socket are not compatible, the socket must be replaced by qualified personnel to suit the requirements. Also check cable size at the socket for compliance to the electrical input of the mill. The use of multiple socket adapters and/or extensions should be avoided.
- However, if required by the circumstances, only use simple or multiple adapters and extensions with capacity and quality compliant to applicable safety regulations.
- This equipment must be used only for the applications for which it has been explicitly designed. Any other use must be considered improper, and therefore dangerous. The manufacturer shall not be held responsible for any damage resulting from improper, incorrect and negligent use of the equipment.
- The use of any electric equipment is subject to the observance of some fundamental directions, and in particular::

- REPLACING THE PLUG WILL VOID THE MANUFACTURE'S WARRANTY.
- DO NOT TOUCH THE EQUIPMENT WITH WET HANDS OR BAREFOOT.
- DO NOT PULL THE POWER CORD, OR THE EQUIPMENT, TO UNPLUG THE EQUIPMENT.
- FOR SAFETY REASONS, OPERATION AFTER POWER FAILURE IS RESUMED ONLY AFTER PRESSING SWITCH "1".
- THE EQUIPMENT CANNOT BE USED BY CHILDREN, OR INCAPABLES, WITHOUT DIRECT SURVEILLANCE.
- DO NOT USE LIQUIDS (WATER, OILS, ETC.) ON LIVE EQUIPMENT AS THIS MAY CAUSE ELECTROCUTION.
- DO NOT OVERTURN OR REMOVE THE MILL FROM ITS BIN DURING OPERATION.
- DO NOT REMOVE ANY PARTS OF THE MILL DURING OPERATION.
- THE SOCKET TO WHICH THE MILL IS CONNECTED MUST BE PROVIDED WITH EARTH CONNECTION TO PREVENT ACCIDENTS.
- DO NOT USE GAS OR WATER PIPES AS ELECTRIC GROUNDS.
- DO NOT PLACE THE MILL AND ITS POWER CORDS ON WET FLOORS.
- Do not operate the mill in areas with poor ventilation and do not cover it during operation.
- Do not operate the mill in the rain.
- Disconnect the mill from mains power before attempting cleaning before replacing the grid, or any other maintenance works.
- Do not use the mill if the power cord or any important part of the equipment shows signs of damage.
- Switch the mill off if faulty or malfunctioning. Contact an authorized service centre for repairs and ask for original spare parts for replacement. Failure to meet the directions above may impair the safety of the equipment and cause immediate forfeiture of the warranty.
- Make sure that no foreign parts (e.g. screws, bolts, stones, etc.) penetrate through the hopper feeding opening during mill operation, and cause the rupture of the knife.
- For prolonged downtime, disconnect the equipment from power supply.

USE OF THE MILL

The performance and user-friendly operation of the mill makes it suitable for non-professional use. Its construction technology is designed to ensure high reliability and safety, and long operative life. Do not use the mill in areas that are classified as potentially explosive environments. Do not install unauthorized protections or modify the mill. The mill is designed to operate for the purpose of milling dry cereals and legumes in animal husbandry only.

Do not use the mill for human food.

Any other use other than those for which it is intended shall be considered improper use and cause the forfeiture of any responsibility of the manufacturer towards the user.



PROPER USE OF THE MILL



The mill must be placed in vertical position on a safe and stable surface.



EQUIPMENT START-UP



Before starting up the electric mill, make sure that the grinding grid is placed in position and tightened by the washers and lock nuts provided, the motor body is fitted on the bin, the plug is inserted in the power socket, the hopper is full with cereals. Start the motor by pressing the "I" switch. Grind the cereals as needed and switch the motor off by pressing the "O" switch. Unplug the equipment by pulling the plug from the socket. It is not necessary to remove the remaining cereals from the hopper. The hopper must be emptied only to change the type of cereal or to change the grinding grid. After grinding the cereals, close the cereal feeding opening with the special plug for protection against released dust or residues of ground cereals. Leave the motor running idle until the grinding chamber is completely empty, then turn it off and open the feeding opening.

CONNECTION TO MAINS, MOTOR, SWITCH AND POWER CORD

The mill works with 230V 50Hz normalized voltage and is fitted with a thermal overload that stops the motor if overheated. In this case, wait 5 – 10 minutes before restarting. If the problem is recurrent, contact an Authorized Service Centre. We recommend that the equipment be safely grounded through a suitable power socket. The switch is a two-pole safety switch preventing automatic restart when power is resumed after power failure. Avoid damaging the power cord and replace it with original equipment cord if damaged. The power cord must be replaced by qualified personnel only.



MAINTENANCE, REPAIRS AND SPARES



The mill is a maintenance free equipment. If necessary, repairs must be carried out by authorized personnel using original spare parts.

If the knife breaks, unplug the equipment, separate the mill body from the bin, and turn it over. Remove the grinding grid, undo the knife nut by turning it anticlockwise using a 13 mm wrench. Pull the knife out of the motor shaft, and fit a an original spare part purchased from an authorized retailer. If any faults not specifically reported in this manual should occur, contact an Authorized Service Centre for the repair or replacement of faulty parts with original spare parts. The manufacturer disclaims all responsibility for any failure of the user to comply with the directions supplied and to use original spare parts for replacement.

PROBLEM	CAUSE	ACTION
The mill will not start after pressing the start switch	The plug is not inserted correctly. The mains voltage is too low. Motor thermal overload operated. Unsuitable size of power cord extension.	Check the plug and insert it correctly. Check mains voltage specifications. Allow motor to cool. Change the extension cord with one with suitable size.
Excessive noise	Worn-out motor bearings. Foreign materials in the grinding chamber.	Check bearings, and replace them if necessary Stop the mill and clean the grinding chamber. Replace any damaged parts if necessary.
The engine stops.	Mains power failure. Motor thermal overload operated.	Check supply voltage. Switch power switch off and allow cooling for a few minutes.



UNPACKING

After removing the packaging, check the equipment for any evidence of damage.

- If in doubt, do not use the equipment and contact an Authorized Service Centre or the Retailer.
- For transportation requirements and to reduce packing size, some auxiliary parts of the mill can be removed for shipping. Follow the directions in this user manual for reassembly.
- The parts of the packing (plastic bags, expanded polystyrene, cardboard, etc.) must be kept out of the reach of children, since potentially dangerous.

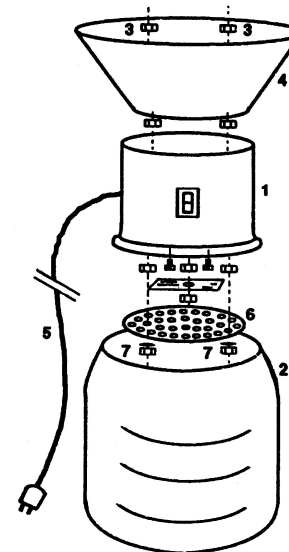
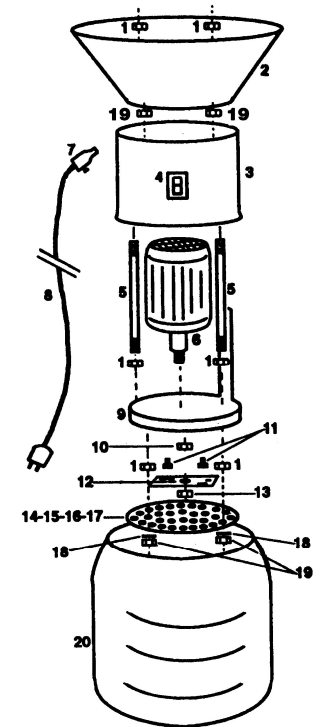


DISPOSAL OF THE EQUIPMENT AT END OF LIFE CYCLE If the equipment is no longer in use, we recommend that

- the equipment is made inoperative by removing the power cord
- the equipment is stored out of the reach of children
- no scrapped parts of the equipment are used as spare parts
- the different parts of the equipment are disassembled and collected for separate disposal in compliance with the law
- Read carefully the **INFORMATION TO HOUSEHOLD AEE USERS**

ORIGINAL EQUIPMENT AND SPARE PARTS

1. NUT M6 INOX.
2. HOPPER.
3. CASING.
4. SWITCH.
5. TIE ROD INOX.
6. MOTOR D96H40 230V. 50Hz.
7. CORD LOCK TERMINAL.
8. POWER CORD.
9. MOTOR CARRIER PLATE.
10. NUT M8 INOX.
11. SCREW M5X10 mm. INOX.
12. KNIFE 120 mm. INOX.
13. LOW HEX NUT M8 INOX.
14. GRINDING GRID Ø 1,5 mm.
15. GRINDING GRID Ø 2,5 mm.
16. GRINDING GRID Ø 5 mm.
17. GRINDING GRID Ø 7 mm.
18. WASHER Ø6X24 mm. INOX.
19. LOCK NUT M6 INOX.
20. BIN Lt. 50.



ASSEMBLY

Use the number associated to the original equipment part before ordering spare parts.

ASSEMBLY AND PART REMOVAL

The central mill body (1) is shipped already assembled and comprises: motor, switch, power cord, motor casing, tie-rods, nuts, knife and grid.

To complete assembly: Place central mill body (1) on the plastic bin (2) and apply a light pressure with your hands to fit in position. Loosen the two nuts (3) on the tie-rods, place the hopper (4) matching the holes with the tie rods, and retighten the nuts.

Grid replacement: unplug (5) the equipment, separate the mill body (1 and 4) from the plastic bin, and turn it over. Remove the grid (6) by loosening lock nuts (7), and replace it by tightening the same lock nuts. Fit the mill on the plastic bin.

DECLARATION OF CONFORMITY



Manufacturer: VERCELLA FABIO – Via Burolo, 27 – 10015 IVREA (TO) - ITALIA

Equipment description: Electric mills to grind cereals and dry legumes

Model: ETS

Year of manufacture: 2020

Name and address of technical document editor:

Fabio VERCELLA, – Via Burolo, 27 – 10015 IVREA (TO) – ITALIA

The undersigned Fabio Vercella, Legal representative of VERCELLA FABIO, hereby declares under his own responsibility that the equipment referenced in this manual is designed and manufactured in compliance with the provisions of the following Directives:

- **Directive 2006/42/CE** of the European Parliament and of the European Council of 17.05.2006 on the machines that modifies Directives 95/16/CE (re-melting)
- **Directive 2014/35/UE** of the European Parliament and of the European Council of 26.02.2014 on the harmonization of the laws of Member States on electrical materials for use within a specified voltage limit
- **Directive 2014/30/UE** of the European Parliament and of the European Council of 26.02.2014 on the harmonization of the laws of Member States concerning electromagnetic compatibility (re-melting).

The machine is manufactured in compliance with the following harmonized standards, published in the Official Journal of the European Union, and deemed compliant to the basic requirements for safety and health protection provided in these harmonized standards (Art. 7, para. 2, Directive 2006/42/CE):

- EN ISO 12100:2010
- EN 60204-1:2006
- EN 1037:2008
- EN ISO 11202:2010

Ivrea (TO), li 10 July 2018

Fabio VERCELLA

Legal representative

VERCELLA FABIO

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WARRANTY CONDITIONS

Our mills have been subjected to accurate tests and are covered by a guarantee of 24 months for defects of manufacture. The guarantee commences on the date of purchase indicated on the invoice or on the fiscal receipt issued at the delivery by the Retailer on condition that the coupon has been filled out in all its parts. The manufacturer is bound to repair or replace free of charge those parts that show manufacturing defects during the period of guarantee. Defects that cannot be clearly ascribed to the material or manufacture shall be investigated at one of our technical service centres or at our head office and repaired or replaced with or without charge according to the results of the investigation. The warranty does not cover: accidental damage due to the transport, or to negligence of improper handling, use and installation not in compliance with the directions of the user manual, and however any damage not associated to the normal operation or use of the equipment.

The warranty is forfeited if the equipment is tampered or repaired by unauthorized persons. Under no circumstances, the equipment shall be replaced or the warranty extended.

The normal consumption of the parts subject to continuous wear (e.g. bearings, brushes, knife, grids, etc.), or any faults resulting from improper use or handling, are not considered a defect of the equipment and shall be at the charge of the user. The manufacturer shall not be held responsible for any damage to people and properties resulting from incorrect installation or improper use of the equipment. In particular, correct earthing of the equipment is recommended. **Any tampering of the motor shall cause immediate forfeiture of the warranty.**

Caution: Unplug the equipment and make sure that the motor has stopped before replacing the grid or the knife. Do not remove the hopper when containing cereals or with motor on.

Repairs shall be carried out by our authorized retailers or by the manufacturer and the cost for transportation shall be at the charge of the user. The warranty does not include the cleaning of other parts of the equipment that are not involved in the repairs. Any service intervention at the site of installation of the equipment shall be at the charge of the purchaser.

To the purpose of this warranty, both the invoice or fiscal receipt of the purchase and the warranty certificated duly filled in must be produced to the Authorized Service Centre that carries out the repairs.

All descriptions and illustrations provided here are indicative only, and the manufacturer reserves the rights to make any changes and improvement as necessary.

Model: ETS

Date of purchase _____ Serial Number _____ Year of manufacture _____
(from invoice or fiscal receipt) (from the sticker on hopper)

Customer's full name _____

Address _____

City _____ Country _____

Telephone _____

The Retailer

INFORMATION TO HOUSEHOLD AEE USERS

(in conformity to Decree Law 49/2014)

Following the directions of the regulation on the disposal and recycling of **Weee** (Waste from Electrical and Electronic Equipment), the users are required to collect **Weee** separately and deliver **the equipment that has reached the end of its life cycle** to special collection centres or to the selling point in case of a new purchase, following the directions below.

1. At the end of its useful life, if it cannot be reused, the equipment shall be collected separately as **Weee** and shall not be disposed as urban waste. Therefore, it is forbidden to leave **Weee** in the vicinity of community urban waste collection bins. **Weee** must be delivered to local recycling collection centres or differentiated refuse collection centres for environmentally compatible disposal.
2. In case of the purchase of a new product similar to the equipment to be discarded, the latter can be returned to the retailer-distributor who is compelled to collect a number of appliances equivalent to the number of new appliances purchased. The returned equipment shall be dismantled and dispatched for recycling and suitable disposal (see item 1).
3. Due to the potentially negative effects on the environment and on human health associated to the presence of hazardous and/or harmful substances in the **Weee** (2002/95/CE **RoHS** - Restriction of Hazardous Substances Directive), it is strictly forbidden:
 - to abandon the equipment in the environment
 - to make an improper use of the equipment, and however different from the intended use for which it was intended
 - to re-use parts of the equipment.
4. Illicit disposal of **Weee** by the user will lead to the application of the penalties provided for by the law.

This symbol indicates that Aee electric and electronic appliances must be collected and disposed as separate waste.



NOTE: all stickers are an integral part of the equipment. In case of damage or loss of any sticker, you are requested to obtain a new sticker from the manufacturer. If the lost sticker is that attached to the hopper - containing manufacturer's name, machine model, serial number and year of manufacturer – please include these data in your application to enable the manufacturer to enter original data in the new sticker.

NOISE MEASUREMENT

MEASUREMENT No.	CONDITION	POSITION		
		1 Lcpd db(A)	2 Lcpd db(A)	3 Lcpd db(A)
1	No-load idling	78,0	75,1	70,5
2	Regular working cycle	76,6	72,2	68,4
3	Background noise with machine off	56,5	56,5	56,5

DIAGRAM

