



Electric Fruit Crusher

EFC-2

ELETRIC FRUIT CRUSHER

INTENDED USE

The electric crusher is designed for crushing fruits (e.g. apples, pears, grapes, berries) and vegetables before pressing. It is not intended for crushing stone fruits, such as plums, apricots, etc. It is an invaluable help, especially with a large amount of fruit / vegetables, which saves a lot of time and work. The crusher, including the crushing device, is made of stainless steel.

- overload protection
- safety brake

Use the device only for prescribed purposes. Any other use is considered as an instance of misuse. The user/operator and not the manufacturer will be responsible for any damage or injury caused by such misuse.

Remember that this device has not been designed for commercial or industrial use. The warranty will not apply if the device is used for commercial, industrial or similar purposes.

TECHNICAL PARAMETERS

VOLTAGE / FREQUENCY	230 V / 50 Hz
INPUT	550 W
OPERATING SPEED	1 400 min ⁻¹
CRUSHING SPEED	80-150 kg/h
DEGREE OF PROTECTION	IPX1
POWER CABLE LENGTH	1,6 m
DIMENSIONS	43 x 22 x 33 cm
WEIGHT	11.2 kg

Noise emission

Sound power level LWA	98.17 dB(A)
Sound pressure level LPA	83.40 dB(A)
Measurement uncertainty K	2.5 dB(A)

The above noise emission values have been obtained according to ISO 11201, ISO 3744 & ISO 4871.



Hygiene requirements

- The machine operator is obliged to observe hygiene regulations relating to the handling of foodstuffs.
- Following maintenance and repairs of the machine during which hands or tools came into contact with machine components that come into direct contact with foodstuffs, it is necessary to carry out cleaning as per Chapter 9 of this manual!

Hygienic hazards:

- The operator has the duty to use ear protectors when working with the crusher!



Caution! Never place the machine in an outdoor environment and work with it in rain; the machine's electrical equipment is not resistant to the adverse effects of water considering the ingress protection used. There is danger of electric shock and of the machine being damaged.



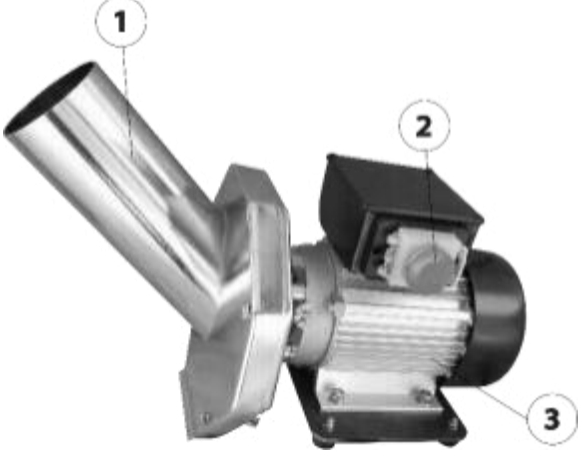
Caution: If the crusher stops owing to overloading, it is prohibited to take the contents out of the working space of the crusher by hand and put hands into the internal space if the machine is not entirely at standstill and its off-state is not ensured by pulling the plug of the flexible cord out of the mains socket!









Caution: When working with the crusher, the operator has the duty to use ear protectors to protect his/her hearing organs!

Notice: Frequent overloading of the electric motor may cause its excessive warming and damage.

PARTS OF THE PRODUCT

1	HOPPER	
2	SWITCH	
3	EQUIPMENT BODY	

EXPLANATIONS OF SYMBOLS

	Read the instructions manual.
	Do not throw away with the normal household waste. Instead, turn to recycling centers in an environmentally friendly way. Please take care to protect the environment .
	The product complies with the applicable European directives and the method of assessing the conformity of these directives has been performed.
	Safe material for food.
	Protection class I.
	Guaranteed sound power level Lwa in dB.

GENERAL POWER TOOLS SAFETY INSTRUCTIONS

- **WARNING! Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

1) WORK AREA SAFETY:

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Before the commencement of work with the machine, the machine must be placed on a flat firm base so as not to disrupt its stability.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) ELECTRICAL SAFETY:

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock

3) PERSONAL SAFETY:

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) POWER TOOL USE AND CARE:

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) SERVIS:

- Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tools is maintained.

SAFETY INSTRUCTIONS FOR ELECTRIC FRUIT CRUSHER

- **WARNING!** Read these operating instructions carefully before using the device. Familiarize yourself with the device controls and the proper way to use it.
- The machine may be operated separately only by physically and mentally fit workers, over eighteen years of age, demonstrably trained to operate it and acquainted with the instructions for use, which must be kept in a place accessible to the operators.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- The electric fruit crusher can be operated by one person only.
- Make sure that other people and animals are at a safe distance from the crusher during its use. The operator is responsible for other persons in his area of work.
- Only use the electric fruit crusher in daylight or under good artificial lighting.
- Do not operate the electric fruit crusher if you are tired or under the influence of drugs, alcohol or medication. Even a moment of inattention during use can lead to serious injury to the user.
- **WARNING!** The electric fruit crusher must be connected to a single-phase mains with a residual current device for leakage current ≥ 30 mA, overload and short-circuit protection (residual current device 6 -10 A) and protective earthing.
- Before working with the electric fruit crusher, secure it if necessary to prevent it from tipping over during operation.
- Do not connect the electric fruit crusher to the power supply until all fastenings and installation reliability of all components have been checked.
- Make sure that your hair, clothes, gloves or other part of your body do not get too close to the rotating parts of the electric fruit crusher.
- Only use the electric fruit crusher as instructed (for crushing fruit, berries and vegetables). The crusher is not intended for crushing frozen fruit, berries and vegetables, or for crushing ice cubes.
If the crusher gets blocked, switch off the crusher immediately and remove the plug from the electrical socket. Eliminate the cause that caused the crusher to jam and continue working.
- Always check the condition of the power cord before starting work and use the crusher only if the power cord is not damaged. If the power cord is damaged, have it replaced by an authorized service center* to avoid danger.
- In the event of a fault or damage that could endanger the safety of operation, it is forbidden to use the electric fruit crusher.
- Be careful when handling the crusher. There is a risk of injury.
- In the event of a short circuit in the motor, disconnect the electric fruit crusher from the power supply by pulling the plug out of the electrical socket and contact an authorized service center.
- If water splashes on the electric fruit crusher, switch it off with the on / off switch and remove the plug from the electric socket. Wipe and dry the crusher with a cloth and contact an authorized service center.

- In the event of mechanical instability (increased vibrations, etc.), switch off the electric fruit crusher with the on / off switch. Remove the plug from the electrical socket and check the tightening of all screws. If the fault persists, contact an authorized service center.

When the electric fruit crusher is not in use, it must be disconnected from the power supply.

(*) Authorized service: The service department of the manufacturer or importer or another person who is qualified, authorized and capable to perform this type of repair. The electric fruit crusher must be handed over to such a service in the event of a needed repair.

IT IS FORBIDDEN TO:

- Touch the rotating parts of the electric fruit crusher with your hands during operation.
- During operation of the electric fruit crusher, place any tools or objects in the hopper, except for the material intended for crushing.
- Place your hands close to the hopper opening during operation of the electric fruit crusher.
- Use an electric fruit crusher with a damaged power cord.
- Use the electric fruit crusher during bad weather (e.g. when it is raining or snowing) and outdoors.
- Pour fruit, berries or vegetables into the hopper from a height of more than 0.5 m.
- Repair the electric fruit crusher yourself or modify it in any way.
- Immerse the electric fruit crusher in water or wash it under running water.

Fixing of appliance

Fixed mode 1
Using special
instruments to fix the
appliance.



Fixed mode 2
Using screws to fix the
appliance to table.



USE

BEFORE FIRST USE

- Remove the electric fruit crusher from the packaging material.
- Keep packaging materials (e.g. plastic bags) out of the reach of children. Otherwise, there is a risk of suffocation.
- Thoroughly wash all parts that come in contact with food with warm water using a neutral kitchen detergent. Then rinse them under clean running water and wipe dry thoroughly with a soft cloth, or let them dry freely.
- Place the electric fruit crusher on a flat surface and place a container for crushed material under the output.

APPLIANCE OPERATION

- Wash fruits, berries or vegetables first.
- Connect the electric crusher to the power supply by inserting the plug into an electrical socket with a protective earthing, and switch on the crusher using the switch.
- Pour the prepared fruits, berries or vegetables into the hopper and crush them.
- Empty the crushed material container on time. Otherwise, the crushed material may clog the crushing device.
- When you have finished working, switch off the electric crusher with the on / off switch and disconnect it from the power supply by pulling the plug out of the electrical socket.

MAINTENANCE AND STORAGE

- Proper maintenance is the basis for maintaining the original efficiency and operational safety of the equipment.
- **WARNING!** Before beginning any inspection or maintenance, switch off the electric fruit crusher and remove the plug from the electrical socket.
- Clean the electric fruit crusher after every use.
- If the crusher is blunt, have it sharpened.
- Never clean or spray water on the device. Clean the cover of the device with a soft damp cloth. Never use cleaning agents or solvents such as petrol, alcohol, ammonia, etc. ! These solvents can damage the plastic parts of the product.
- Store the electric fruit crusher in a dry place, protected from the weather.

Caution! All activities stated in this chapter need to be performed only after the machine has been disconnected from the mains and an off-state of the electrical equipment of the machine has been secured by



pulling the plug of the flexible cord from the mains socket.

Notice: Pressure water or steam must not be used for cleaning the crusher!
The appliance is not to be cleaned with a water jet

Notice: When the machine is being cleaned, the crusher must not be turned “upside down” as water or juice may leak into the vent holes in the motor housing and subsequently into the motor brake. Pressure water or steam must not be used for cleaning the crusher!

Dismantling the machine

To gain access to the working mechanism of the machine, proceed according to the following instructions:

As shown in the figure, unscrew the three screws shown by the circle, and then clean them as requirements.



Procedure for cleaning the machine

- Thoroughly wash all parts that come in contact with food with warm water using a neutral kitchen detergent. Then rinse them under clean running water and wipe dry thoroughly with a soft cloth, or let them dry freely.
- First of all remove carefully all solid remains after crushing. Wash the removed upper part of the crusher as well as the removed bearing plate including the blade and ejection blades and airscrew properly with warm water with a bit of washing-up liquid. The said parts are made of stainless steel; to clean them you can also use a small amount of a preparation intended specially for stainless dishes (pots, cutlery etc). Be careful when handling the parts; in particular, the airscrew and blade have sharp edges. After washing the parts, rinse them properly with clean water and dry them up. Finally polish them with a dry cloth.
- Wipe the flap - tongue of the crusher. Do not use pressure water to clean the flap or the lower part to prevent water from leaking into the motor. Clean the parts **ONLY** with a slightly moistened cloth with a minimal amount of washing-up liquid. Then remove the preparation properly by repeatedly wiping the product with a moist cloth, wipe it dry and polish it with a dry cloth.

PROTECTION OF THE ENVIRONMENT



The symbol of crossed out waste bin on the products or accompanying documents indicates that used electrical and electronic products must not be added to the household waste. For proper disposal, recovery and recycling, please take these products to designated collection points for free shipment. Alternatively, in some countries, you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help prevent potential negative consequences for the environment and human health, which could be caused by inappropriate waste handling. Contact your local authority or nearest collection point for further details. Penalties may be imposed for incorrect disposal of this type of waste in accordance with national regulations.