

Energizer®



MINI MULTIFUNCTION TOOL

EZMO160-210

USER GUIDE

CAUTION Read the instructions before using the machine.

Energizer®

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Let's get started.

You're excited to power up, so we'll keep this brief!

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1. INTENDED USE

This machine is intended for grinding, sanding, polishing, wire brushing or cutting on metals, glass, wood and ceramics with the appropriate attachments. Do not use machine attachments for works other than those for which they are designed for! All other applications are expressly ruled out.

2. SAFETY INSTRUCTIONS

1.1 GENERAL POWER TOOL SAFETY WARNINGS

 **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.*

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **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.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **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.*
- b) **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.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **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.*
- e) **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.*
- f) **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.*
NOTE: The term "residual current device (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".

3) Personal safety

- a) **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.*
- b) **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.

- c) **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.*
- d) **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.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **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.*
- g) **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

- a) **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.*
- b) **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.*
- c) **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.*
- d) **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.*
- e) **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.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **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) Service

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

1.2 SAFETY INSTRUCTIONS FOR ALL OPERATIONS

Safety warnings common for grinding, sanding, wire brushing, polishing, carving or abrasive cutting-off operations:

- a) **This power tool is intended to function as a grinder, sander, wire brush, polisher, carving or cut-off tool. Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*
- b) **Do not use accessories which are not specifically designed and recommended by the**

tool manufacturer. *Just because the accessory can be attached to your power tool, it does not assure safe operation.*

- c) **The rated speed of the grinding accessories must be at least equal to the maximum speed marked on the power tool.** *Grinding accessories running faster than their rated speed can break and fly apart.*
- d) **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** *Incorrectly sized accessories cannot be adequately controlled.*
- e) **The arbour size of wheels, sanding drums or any other accessory must properly fit the spindle or collet of the power tool.** *Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.*
- f) **Mandrel mounted wheels, sanding drums, cutters or other accessories must be fully inserted into the collet or chuck.** *If the mandrel is insufficiently held and/or the overhang of the wheel is too long, the mounted wheel may become loose and be ejected at high velocity.*
- g) **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, sanding drum for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.**
- h) **Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.**
- i) **Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.**
- j) **Hold power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.**
- k) **Always hold the tool firmly in your hand(s) during the start-up.** *The reaction torque of the motor, as it accelerates to full speed, can cause the tool to twist.*
- l) **Use clamps to support workpiece whenever practical. Never hold a small workpiece in one hand and the tool in the other hand while in use. Clamping a small workpiece allows you to use your hand(s) to control the tool. Round material such as dowel rods, pipes or tubing have a tendency to roll while being cut, and may cause the bit to bind or jump toward you.**
- m) **Position the cord clear of the spinning accessory.** *If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.*
- n) **Never lay the power tool down until the accessory has come to a complete stop.** *The spinning accessory may grab the surface and pull the power tool out of your control.*
- o) **After changing the bits or making any adjustments, make sure the collet nut, chuck or any other adjustment devices are securely tightened. Loose adjustment devices can unexpectedly shift, causing loss of control, loose rotating components will be violently thrown.**
- p) **Do not run the power tool while carrying it at your side.** *Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.*
- q) **Regularly clean the power tool's air vents.** *The motor's fan will draw the dust inside the*

housing and excessive accumulation of powdered metal may cause electrical hazards.

- r) **Do not operate the power tool near flammable materials.** *Sparks could ignite these materials.*
- s) **Do not use accessories that require liquid coolants.** *Using water or other liquid coolants may result in electrocution or shock.*

1.3 FURTHER SAFETY INSTRUCTIONS FOR ALL OPERATIONS

Kickback and related warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, sanding band, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- a) **Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces.** *The operator can control kickback forces, if proper precautions are taken.*
- b) **Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory.** *Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.*
- c) **Do not attach a toothed saw blade.** *Such blades create frequent kickback and loss of control.*
- d) **Always feed the bit into the material in the same direction as the cutting edge is exiting from the material (which is the same direction as the chips are thrown).** *Feeding the tool in the wrong direction causes the cutting edge of the bit to climb out of the work and pull the tool in the direction of this feed.*
- e) **When using rotary files, cut-off wheels, high-speed cutters or tungsten carbide cutters, always have the work securely clamped.** *These wheels will grab if they become slightly canted in the groove, and can kickback. When a cut-off wheel grabs, the wheel itself usually breaks. When a rotary file, high-speed cutter or tungsten carbide cutter grabs, it may jump from the groove and you could lose control of the tool.*

1.4 ADDITIONAL SAFETY INSTRUCTIONS FOR GRINDING AND CUTTING-OFF OPERATIONS

Safety warnings specific for grinding and abrasive cutting-off operations:

- a) **Use only wheel types that are recommended for your power tool and only for recommended applications.** *For example: do not grind with the side of a cut-off wheel. Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.*
- b) **For threaded abrasive cones and plugs use only undamaged wheel mandrels with an unrelieved shoulder flange that are of correct size and length.** *Proper mandrels will reduce the possibility of breakage.*
- c) **Do not "jam" a cut-off wheel or apply excessive pressure. Do not attempt to make an excessive depth of cut.** *Overstressing the wheel increases the loading and susceptibility to twisting or snagging of the wheel in the cut and the possibility of kickback or wheel breakage.*

- d) **Do not position your hand in line with and behind the rotating wheel.** *When the wheel, at the point of operation, is moving away from your hand, the possible kickback may propel the spinning wheel and the power tool directly at you.*
- e) **When wheel is pinched, snagged or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop. Never attempt to remove the cut-off wheel from the cut while the wheel is in motion otherwise kickback may occur.** *Investigate and take corrective action to eliminate the cause of wheel pinching or snagging.*
- f) **Do not restart the cutting operation in the workpiece. Let the wheel reach full speed and carefully re-enter the cut.** *The wheel may bind, walk up or kickback if the power tool is restarted in the workpiece.*
- g) **Support panels or any oversized workpiece to minimize the risk of wheel pinching and kickback.** *Large workpieces tend to sag under their own weight. Supports must be placed under the workpiece near the line of cut and near the edge of the workpiece on both sides of the wheel.*
- h) **Use extra caution when making a “pocket cut” into existing walls or other blind areas.** *The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.*



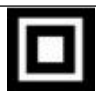

1.5 ADDITIONAL SAFETY INSTRUCTIONS FOR WIRE BRUSHING OPERATIONS

Safety warnings specific for wire brushing operations:

- a) **Be aware that wire bristles are thrown by the brush even during ordinary operation. Do not overstress the wires by applying excessive load to the brush.** *The wire bristles can easily penetrate light clothing and/or skin.*
- b) **Allow brushes to run at operating speed for at least one minute before using them. During this time no one is to stand in front or in line with the brush. Loose bristles or wires will be discharged during the run-in time.**
- c) **Direct the discharge of the spinning wire brush away from you.** *Small particles and tiny wire fragments may be discharged at high velocity during the use of these brushes and may become imbedded in your skin.*

The maximum recommended diameter of mounted wheels, threaded cones and plugs shall not exceed 55 mm and the maximum recommended diameter of sanding accessories shall not exceed 80 mm.

1.6. SYMBOLS

	WARNING! To reduce the risk of injury, user must read instruction manual.
	Always wear goggles and ear protection.
	Class II product.
	In accordance with essential applicable safety standards of European directives.

3. DESCRIPTION

1. On/Off switch
2. Speed selector
3. Collet nut
4. Spindle lock button
5. Carbon brush cap



4. CONTENTS OF PACKING

Picture	Name	Quantity
	Grinding Stones with shank	10
	Diamond bit	5
	Wood Carving Bit	2
	Collets	4
	Sanding bands	10
	Sanding bands	10

	Mandrel for cut-off wheel	3
	Mandrel for felt wheel	1
	Sanding shanks	2
	Grinding wheels	12
	Wet stone	1
	Cut off wheels	65
	Rubber emery wheel	1
	Wrench	1
	Polishing compound	1

	Cut off wheels	5
	Sanding paper	60
	Felt wheels	1
	Felt wheels	4
	Felt wheel pointed	1
	Drill bits	6
	Nylon brush	3
	Wire brush	3
	Flapwheel Grit	1
	L pin	1

5. TECHNICAL DETAILS

Model	EZMO160-210
Power supply	230V~, 50Hz
Power input	160W
No load speed	8000-35000/min
Collet capacity	Max. Ø3.2mm
Sound pressure level	L _{PA} : 80.4 dB(A) K=3 dB(A)
Sound power level	L _{WA} : 91.4 dB(A) K=3 dB(A)
Vibration level	a _h : 3.819 m/s ² K=1.5m/s ²
Weight	2.0kg

Information

- The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another;
- The declared vibration total value may also be used in a preliminary assessment of exposure.



Warning!

- The vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used.
- There is a need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

Suggestion:

- Wear glove during operation.
- Wear hearing protection.
- Limit operating time and shorten trigger time.

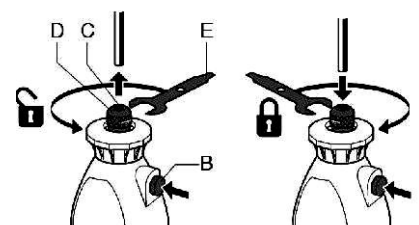
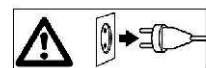
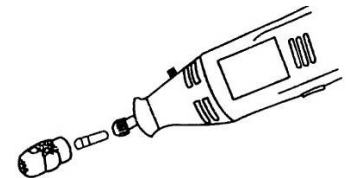
6. ASSEMBLY

6.1 INSTALLING AND CHANGING A TOOL

NOTE: the tool must not be plugged to a power socket during this operation.

Wear glove during this operation to avoid injury which is caused by accessories.

- Press and maintain the spindle lock button (B); rotate the collet nut (D) slowly until it is loosen. You can use the wrench (E) to do this operation.
- Insert the shaft of the accessory into the collet (C). Always select the appropriate sized collet for the bit being inserted. Ensure all tools are fully inserted and the mandrels do not exceed the collet more than 25mm, to reduce the risk of bending an accessory, or excessive vibrations.
- Press and maintain the locking button (B); turn it clockwise to lightly tighten the collet nut (D).

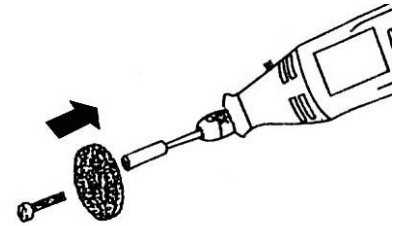


NOTE: Never press the locking pin while the tool is running.

6.2 INSTALLING DISC/WHEELS ACCESSORIES

NOTE:

- The tool must not be plugged to a power socket during this operation.
- Wear gloves during this operation to avoid injury which is caused by accessories.
- Press and maintain the spindle lock button (B); rotate the collet nut (D) slowly until it is loosen. You can use the wrench (E) to do this operation.
- Use the corresponding mandrel supplied. Unscrew the mandrel and remove the small screw. Install the wished disc on the mandrel and then screw it.
- Insert the mandrel (Ensure all tools are fully inserted and the mandrels do not exceed the collet more than 25mm.) into the collet (C).
- Press the locking button (B), and turn clockwise to lightly tighten the collet nut (D).



NOTE:

- If you want to use the sanding band, this accessory shall be inserted on the sanding shank. Ensure that the size of the band corresponds to the shank.

Flexible shaft

NOTE: The tool must not be plugged to a power socket during this operation.

Wear glove during this operation to avoid injury which is caused by accessories.

- Unscrew the big bolt (localized on the head of the tool) to remove it.
- Press and maintain the spindle lock button. Rotate the collet nut slowly until it is loosen. You can use the wrench to do this operation.
- Place the flexible shaft on the tool: the pin must be inserted into the collet; and then screw the collet nut.
- screw the flexible shaft in place
- You can install an accessory on the flexible shaft by following the same procedure than explained above. Before use, be sure that the accessory is well installed and fixed on the flexible shaft.

Collet












- Collets with various sizes are provided with this tool. They can be used according the size of the accessory which will be used.
- To change the collet, switch off and unplug the tool. Unscrew the collet nut (on the tool or on the flexible shaft), remove the current collet and install another one. Then, reinstall the collet nut on it.








7. OPERATION





- a) Before using the tool, ensure the work area is clean and well lit.
- b) Before switching on, set the speed dial to the slowest setting.
- c) Best performance is achieved by using the correct speed and not high pressure. As a guide use slow speeds for the larger tools, and high speeds for the small tools. Use slow speeds on wood and plastics, or when using polishing and brushing accessories.
- d) For milling or engraving hold the tool like a pen, and keep the ventilation slots clear. For heavier work hold the tool like a hammer.
- e) For cutting disks hold the tool in both hands and use high speeds. This accessory is brittle and

should only be used for straight cuts. Do not sand or curved holes.

- f) If the tool slows down or over-heats you may be applying too much pressure.
- g) The tool is most effective with clean sharp tools. If more pressure is needed try cleaning or replacing the accessory.
- h) Some accessories are brittle. Use the tools speed and not pressure to do the work.
- i) It is recommended it is run for 15 minutes of normal use. The tools should then be allowed to cool for 30 minutes. Heavy use may give less than 15 minutes continuous use.
- j) The mini grinder has a variable speed control mechanism designed to allow the operator control and adjustment of speed. The speed can be increased or decreased by the rotation of speed selector.

Picture	Name	Suggested working speed	Max speed level
	Grinding Stones with shank	9000~35000	6
	Diamond bit	18000~35000	6
	Collet	N/A	
	Sanding bands	4500~26000	4
	Mandrel for cut-off wheel	N/A	
	Mandrel for felt wheel	N/A	
	Sanding shanks	N/A	
	Grinding wheels	9000~35000	6
	Whet stone	N/A	
	Cut off wheels fiberglass	4500~35000	6
	Rubber emery wheel	4500~11000	1

	Wrench	N/A	
	Polishing compound	N/A	
	Cut off wheels	4500~35000	6
	Sanding paper	4500~20000	3
	Felt wheels	4000~20000	3
	Felt wheel pointed	4000~20000	3
	Flap wheel	4000~20000	3

	HSS cutters	9000~35000	6
	Drill bits	4500~35000	6
	Brush	4000~15000	2
	L pin	N/A	

- To switch on, push the ON/OFF switch to “1” position.
- To switch off, push the ON/OFF button to the “0” position.

8. CLEANING AND MAINTENANCE

8.1 MAINTENANCE

Always disconnect the device before performing any adjustment or maintenance operation.

Disconnect from the power supply immediately if the supply cord is damaged.

Take care not to expose this tool to the rain.

If the carbon brushes need to be replaced, have this done by a qualified repair person (always replace the two brushes at the same time).

Regularly inspect the accessory, ensure the accessories are free of crack and surface defects.

Replace the accessory when it has worn out.

If the supply cord of this power tool is damaged, it must be replaced by a specially prepared cord available through the service organization

8.2 CLEANING

This tool does not require any special maintenance. Regularly clean the ventilation slots. Avoid using solvents when cleaning plastic parts. Most plastic parts are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, carbon dust, etc.

8.3 LUBRICATION

All the bearings in this tool are lubricated with a sufficient amount of high grade lubricant for the life of the unit under normal operating conditions; therefore no further lubrication is required.

8.4 STORAGE

Place the tool and all the accessories on the box. The box shall be stored in a dry place, out of reach of children.

9. DISPOSAL



Electric power tools, as well as their accessories and packaging, must each be able to follow an appropriate recycling pathway. Only for the countries of the European Union:

Do not throw away your electrical appliance with the household waste! In accordance with the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in national laws, power tools that can no longer be used must be

separated and follow an appropriate recycling pathway.

10. DECLARATION OF CONFORMITY



BUILDER SAS

32 rue Aristide Bergès - Z.I. du Casque - 31270 Cugnaux - France

Declare that the Product named below:

Mini MultiFunction Tool

Model: EZMO160-210

Serial number: 20230504566-20230504965

Meets the requirements of the Council Directives:

Machine Directive 2006/42 / EC

Electromagnetic Compatibility Directive 2014/30 / EU

RoHS Directive (RoHS) 2011/65 / EU+ (UE)2015/863

And in conformity to the standards:

EN 60745-1: 2009 + A11: 2010

EN 60745-2-23: 2013

EN 55014-1: 2017+A11:2020

EN 55014-2: 2015

EN IEC61000-3-2: 2019

EN61000-3-3: 2013+A1:2019

IEC62321: 2008

Cugnaux on 13/03/2023

Philippe MARIE / PDG

11. WARRANTY

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WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

The warranty does not extend to:

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- **+33 (0)9.70.75.30.30**
- **<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



12. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.

Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com>. When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).
- d) Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site.

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



13. WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station.
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

Attention: All orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, you must simply refuse the delivery and notify your refusal.

Reminder: The reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

Information: Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

Energizer®