



ELECTRIC SWEEPER

RAE1800

USER GUIDE

WARNING: Read thoroughly the instruction manual before using.

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1. SAFETY INSTRUCTIONS

Understand Your Machine

- a) **WARNING!** You must read these instructions carefully before operating the machine. Make sure that you are familiar with the controls and properly operate the machine. You must learn how to stop the machine quickly. If you do not follow the warnings and instructions, it may result in fire and/or serious injury. Make sure to save all warnings and instructions for future reference.
- b) Read this manual and labels affixed to the machine to understand its limitations
- c) and potential hazards.
- d) Be thoroughly familiar with the controls and their proper operation. Know how to stop the machine and disengage the controls quickly.
- e) If the unit is to be used by someone other than original purchaser, or is to be loaned, rented, or sold, always provide this manual and any needed safety training before operation. The user can prevent and is responsible for accidents or injuries that may occur to themselves, to other people, or to property.
- f) Do not force the machine beyond its limits. Use the correct machine for your application.
- g) Know how to stop the machine quickly in case of emergency. Understand the use of all controls.
- h) **ALL MAINTENANCE** other than that listed in this manual, should be carried out by professionally trained and certified personnel.
- i) When using this machine for the first time and before actual work, you **MUST** learn how to handle the

machine from an experienced or skilled person.

Personal Safety

- a) **WARNING!** Never allow children or people unfamiliar with these instructions to
- b) use the product. Local regulations can restrict the minimum age of the operator.
- c) Keep children, pets, and other people not using the unit away from the work area (at least 15m). Be alert and shut off the unit if anyone enters work area. Keep children under the watchful care of a responsible adult.
- d) Stay alert, watch what you are doing and use common sense when operating the machine. Never operate the machine when unwell or tired, or if you have taken alcohol, medicine, drugs or any substances which may slow your reflexes and compromise judgment. A moment of inattention while operating the machine may result in serious personal injury.
- e) Appropriate Personal Protective Equipment (PPE), **MUST** be worn at all times when operating or repairing the machine. Always wear anti-slip and resistant work footwear and long trousers while using the machine. Do not use the machine when barefoot, wearing sandals or similar lightweight footwear. Do not wear chains, bracelets or clothing that is loose fitting or hanging ties or cords. Tie long hair back. Always wear protective earplugs. Loose clothes, jewellery, or long hair can be caught in moving parts. Protect eyes, face, and head from objects that may be thrown from the unit. Always wear safety goggles

- or safety glasses with side shields when operating.
- f) Always keep hands and feet away from all moving parts during operation. Moving parts can cut or crush body parts. Always keep hands and feet away from all pinch points.
 - g) Do not touch parts that might be hot from operation. Allow parts to cool before attempting to maintain, adjust, or service.
 - h) Do not overreach. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations. Extending your body too far can result in a loss of balance and you may fall which will result in injury.
 - i) Never place any part of your body where it would be in danger if movement should occur during assembly, installation, and operation, maintenance, repairing or moving.
 - j) Keep in mind that the operator or user is responsible for accidents, hazards or unexpected events involving the machine that occur to other people or their property. It is the responsibility of the user to assess the potential risk of the area where work is being carried out. The operator or user must take all necessary precautions to ensure their own safety and that of others, especially on slopes or rough, slippery and unstable ground.

Inspect Your Machine

- a) Check your machine before starting it. Keep guards in place and in working order. Make sure all nuts, bolts, etc., are securely tightened.
- b) You must check the general condition of the machine

before use.

- c) Never operate the machine when it is in need of repair or is in poor mechanical condition. Replace damaged, missing, or failed parts before using it. Check for fuel leaks. Keep the machine in safe working condition.
- d) Do not use the machine if the machine's switch does not turn off the machine when running. Any machine that can't be controlled with the switch is dangerous and must be replaced.
- e) Regularly check to see that keys and adjusting wrenches are removed from the machine area before starting it. A wrench or a key that is left attached to a rotating part of the machine may result in personal injury.
- f) If the machine should start to vibrate abnormally, stop the machine and check immediately for the cause. Vibration is generally a warning sign of trouble.
- g) Avoid accidental starting. Be sure the switch is off before transporting the machine or performing any maintenance or service on the unit. Transporting or performing maintenance or service on a machine with its switch on invites accidents.
- h) Do not tamper with or disable safety systems.
- i) Only use manufacturer-recommended attachments.
- j) Before using, always visually inspect to see that the tools are not worn out or damaged. Replace worn out or damaged elements and bolts in set to preserve balance.
- k) Keep the machine in good operating condition. Operating the machine in poor or questionable

condition could result in serious injury.

- l) Be sure all safety devices are in working order and warning labels are in place. These items are installed for your safety.

Work Area

- a) You must only work in daylight or with good artificial light in good visibility conditions. Do not work at night, at times of heavy fog, or at any other times when your field of vision might be limited and it would be difficult to gain a clear view of the area.
- b) Keep people, children and animals away from the working area.
- c) Operate on flat, level ground.
- d) DO NOT work on wet ground. If there has been heavy rain on the working site, wait until the ground has dried up.
- e) Never park the machine in a place with unstable ground which could give way.
- f) You must be careful near ravines, ditches or embankments.
- g) Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.
- h) Do not work in the rain, when there is a thunderstorm or lightning risk, at times of strong or gale force winds, or at any other times when the weather conditions might make it unsafe to use this product. If there is bad weather conditions, do not use the machine.
- i) Make sure you thoroughly inspect the entire work area and remove all objects and anything that could be thrown by the machine or could damage the

machine (branches, stones, wire, toys, etc). Attempting to clear the work area whilst using the machine will reduce your concentration and creates a trip hazard. Any liquid spilled on the floor may result in you slipping.

- j) Find and locate all fixed objects in the ground, such as sprinkler systems, poles, water valves, bases for washing lines etc. Make sure that you check for hidden electrical cables or similar on the surface of the lawn. ALWAYS run the machine around these objects. NEVER run the machine over foreign objects.
- k) DO NOT operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools may create sparks, which may ignite the dust or fumes.
- l) This machine is only for outdoor use.

During Use



- a) Do not operate the machine in confined areas where there may be a risk of crushing the operator between the machine and another object.
- b) Never attempt to make any adjustments, while the machine is running.
- c) You must switch off the machine:
- d) Before checking or working on the machine.
- e) When transporting the machine.
- f) Whenever you leave the machine unattended.
- g) If the machine starts to vibrate abnormally.
- h) **WARNING!** If something breaks or an accident happens whilst working, you must turn off the machine immediately and move the machine away to prevent further damage. If an accident happens with

injuries or third parties are injured, carry out the first aid measures most suitable for the situation immediately and contact the medical authorities for any necessary health care. Carefully remove any debris that might cause damage or harm persons or animals should it not be seen.

- i) After striking a foreign object, stop the machine immediately and inspect the machine thoroughly for damage. Repair the damage before continuing.
- j) Keep extension cord away from moving parts.
- k) Never operate the machine with damaged guards or without the guard in place.
- l) Keep hands and feet away from the moving parts at all times especially when switching on the motor.

Electricity

DANGER: ELECTRICITY CAN KILL – NEVER WORK ON LIVE / ENERGISED EQUIPMENT.

- a)  Prior to carrying out any maintenance work you **MUST** identify electrical isolation methods and isolate all electrical supplies.
- b)  Prior to use and with all electrical supplies isolated, you **MUST** check all electrical cables, plugs and connectors for the following;
 - Are intact and have no signs of damage, to include but not limited to bare wires, chaffing, cuts and loose wiring.
 - If there are any signs of damage, the damaged item **MUST** be taken out of service until the damage has been repaired by an electrically competent person.
 - All trailing cables should be routed so as not to cause

any kind of trip hazard.

- NEVER work on or near electricity with wet hands, wet clothing and wet gloves.
- m) Power tools plug 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.
- n) DO NOT expose this power tool to rain or wet conditions. Water entering a power tool will increase the risk of electric shock. DO NOT abuse the power cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil and sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock. When operating a power tool, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- o) IMPORTANT: Make sure that the electric circuit is fused, and that the power, voltage and frequency of the motor is supported by your mains supply. Also, make sure that your power supply is earthed. Connect your machine to earth. Never open the ON/OFF switch box. However, if it should become necessary to do so, contact a qualified electrician. Make sure that you will never touch live contacts, specifically when you plug or unplug your machine. This machine and its power cord must never get into contact with water.
- p) 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.

- q) To prevent electric shock, use only with an extension cord suitable for outdoor use. For additional protection, the installation of a residual current device (RCD) having a rated residual operating current not exceeding 30mA is advisable.
- r) Before use, check that the extension cord is in good condition. When using an extension cord, make sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.
- s) Do not allow any part of the machine to make contact with water while it is in operation. If the appliance becomes wet while turned off, wipe dry before starting. Do not touch the appliance or its plug with wet hands or while standing in water. Wearing rubber boots offers some protection.
- t) Before use, check the supply and extension cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. If the supply cord is damaged, it must be replaced by the manufacturer or a qualified person in order to avoid a hazard.

Double-Insulated Appliances

- a) In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means that it is already provided on a double-insulated appliance. Servicing a double-insulated appliance requires extreme care and

knowledge of the system, and should be performed only by qualified service personnel. Replacement parts for a double-insulated appliance must be identical to the parts they replace.

Vibrations

- a) Prolonged use of hand held (operated) machines will cause the user to feel the effects of/from vibrations. These vibrations can lead to white finger (Raynaud's phenomenon) or carpal tunnel syndrome. This condition reduces the ability of the hand to feel and regulate temperature, causing numbness and heat sensations and may cause nerve damage and circulatory tissue death.
- b) Not all factors that lead to white finger disease are known, but cold weather, smoking and other diseases that affect blood vessels and blood circulation as well as large and long-lasting impact of shocks are considered factors in the formation of white finger. Note the following to reduce the risk of white finger and carpal tunnel syndrome;
- c) Wear gloves and keep your hands warm.
- d) Take regular breaks.
- e) All of the above precautions may help reduce the risk of white finger disease but not rule out the carpal tunnel syndrome. Long-term and regular users are therefore recommended to observe the condition of your hands and fingers. Seek medical attention immediately if any of the above symptoms should occur.

Noise

- a) The operating noise of the machine can damage your

hearing. When wearing protection such as earplugs or ear defenders to protect your hearing. Long-term and regular users are advised to have hearing checked regularly. Be especially vigilant and cautious when wearing ear protection because your ability to hear alarm warnings will be reduced.

b) Noise emissions for this equipment is unavoidable. Carry out noisy work at approved times and for certain periods. Limit the working time to a minimum. For your personal protection and protection of people working nearby it is also advisable for them to wear hearing protection.


c)  See Certificate of Conformity section for Outdoor Noise declaration of conformity.

Residual Risks

Even when tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

- Damage to lungs if an effective dust mask is not worn.
- Damage to hearing if effective hearing protection is not worn.

Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.

 **WARNING!** This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical

implants to consult their physician and the medical implant manufacturer before operating this machine.

Intended Use

- a) This machine is specifically a pedestrian garden tool, manufactured according to the latest safety requirements. Every precaution is only effective when it's followed exactly
- b) This machine was designed and manufactured for sweeps garden debris such as leaves and small twigs
- c) This machine is intended for use by consumers, i.e. non professional operators. The machine is intended for "DIY" and domestic use only

Improper Use

- d) Any other usage not in keeping with the above mentioned ones may be hazardous and harm persons and/or damage things. Examples of improper use may include, but are not limited to:
 - Use for fine particulate debris i.e dust, sand, small rocks/pebbles
 - Transporting people, children or animals on the machine.
 - Using the machine to tow or push loads.
 - Using the machine for large or heavy debris collection.
 - Use of the machine by more than one person.

Personal Protective Equipment

Appropriate Personal Protective Equipment (PPE), MUST be worn at all times when operating or repairing the machine. No protective equipment can ensure 100% protection.

When selecting PPE, make sure it's CE marked and it suits the user in terms of size, fit, etc. If more than one

item of PPE is worn at the same time, make sure they can be used together, e.g. wearing safety glasses may disturb the seal of a respirator, causing air leaks.



Hand Protection Must Be Worn.

Protective electrically non-conductive gloves are highly recommended when working.



Foot Protection Must Be Worn.

Non-skid heavy duty footwear are highly recommended when working.



Hearing Protection Must Be Worn.

Suitable safety hearing protection is recommended.



Eye Protection Must Be Worn.

Always wear safety glasses/goggles and/or face shields. Everyday eyeglasses have only impact resistant lenses; they are not safety glasses/goggles.



Protective Clothing Must Be Worn.

Do not wear loose clothing, gloves, scarfs, neckties or jewellery (rings, wrist watches), which can be caught in moving parts.



Head Protection Must Be Worn.

Wear a safety helmet with a safety visor.
















Face Shield Must Be Worn.

Wear a face shield to protect your face.

Explanation of Symbols

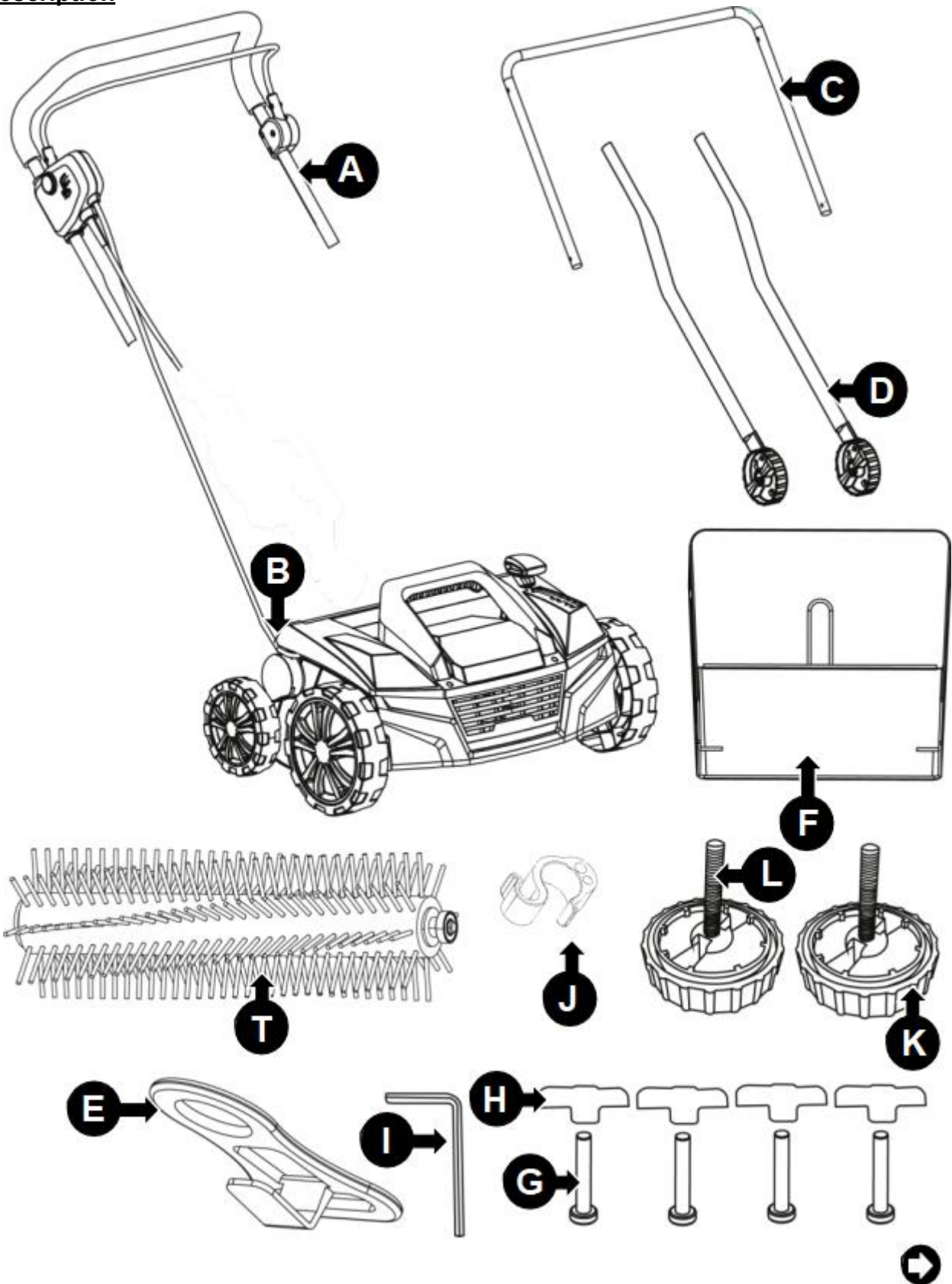


Safety alert – Indicates a precaution, a warning or a danger.

	This product complies with the European directives and an evaluation method of conformity for these directives was done.
	This product should not be disposed of in domestic waste. Please contact your local recycling centre for disposal service.
	Class II tools symbol.
	Read operator's manual.
	Do not expose to rain.
	Danger! Rotating parts – keep hands and feet away from moving parts.
	Keep bystanders at a safe distance away from the work area.
	Keep bystanders at a safe distance away from the work area.
	Wear eye and hearing protection. For protection against injury, wear ear defenders and safety goggles.
	Sharp blades can cut limbs.
	Do not use the machine if the cable is damaged.
	Switch off and unplug the device before cleaning or performing maintenance on it.
	Guaranteed Sound power level.

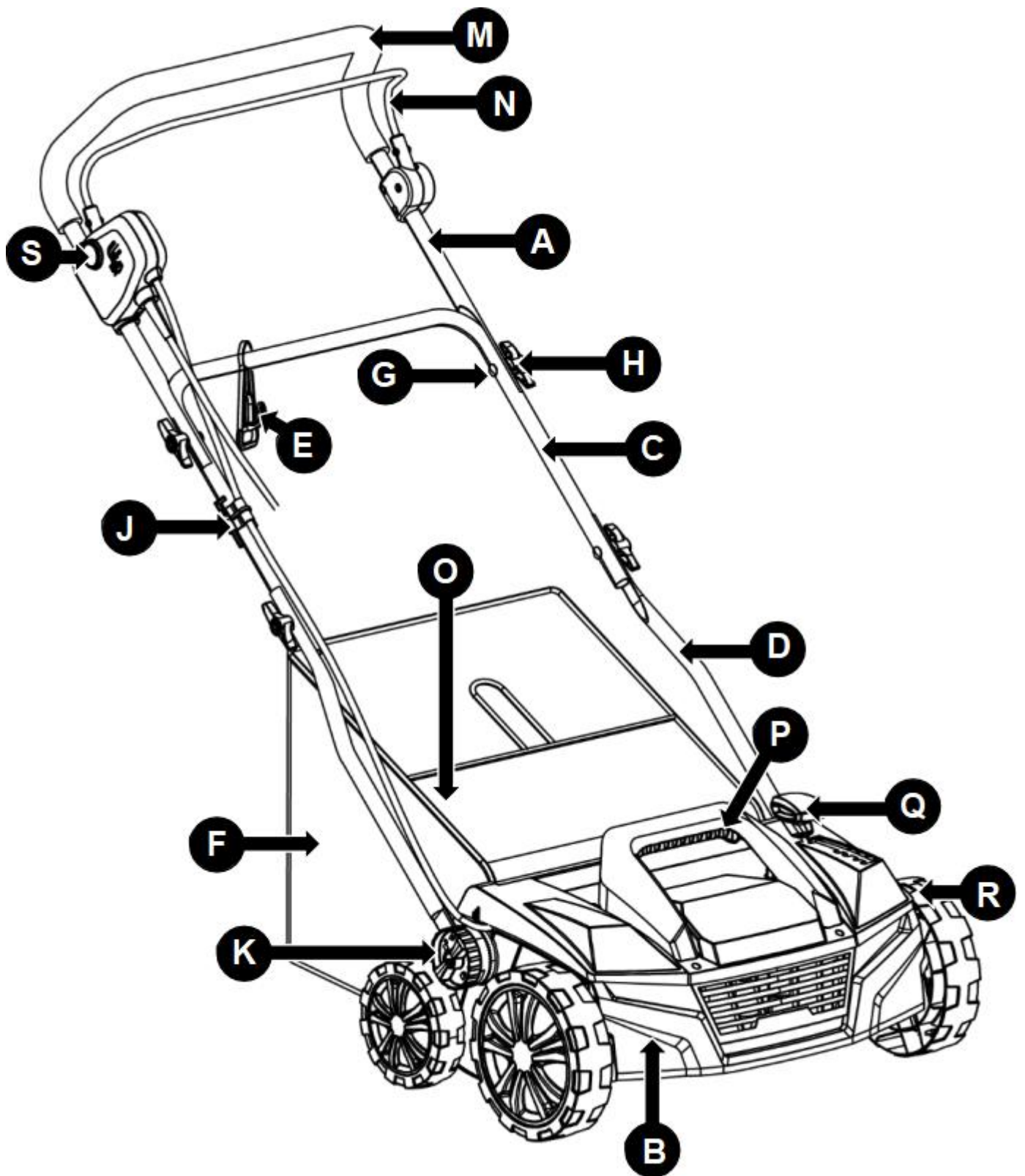
2. YOUR PRODUCT

a. Description



A	Upper Handle	F	Collection Basket	K	Lower Bar Lock
B	Main Unit	G	4 x Bolts	L	Lower Bar Lock Bolt
C	Middle Bar	H	4 x Wing Nuts	T	Sweeper/Brush Cartridge (attached to machine)
D	Lower Bars	I	Hex Key		
E	Power Cable Relief Hook	J	2 x Cable Clips		

b. Features



A	Upper Handle	G	4 x Bolts	O	Protective Rear Cover
B	Main Unit	H	4 x Wing Nuts	P	Front Handle
C	Middle Bar	J	2 x Cable Clips	Q	Depth Adjustment Handle
D	Lower Bars	K	Lower Bar Lock	R	Wheel
E	Power Cable Relief Hook	M	Main Handlebar	S	Safety Button
F	Collection Basket	N	Operator Presence Control (OPC) Handle		

c. Technical specifications

Model	RAE1800
Rated Voltage & Frequency	230-240V~ 50Hz
Rated power	1800W
Cylinder Operating Speed	3500/min
Working Width	38cm
Working Depth	+6mm to -12mm
Grass Collector Capacity	45L
Protection Class	IPX4
Net Weight	12.7kg
Sound pressure level	LpA: 90.2dB(A) K=3 dB(A)
Sound power level	LwA: 105.17dB(A) K=3 dB(A)
Guarantee sound power level	LwA: 108dB(A)
Vibration	3.431m/s ² K=1,5m/s ²

INFORMATION

- The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.



WARNING:

- The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed.
- 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).
- Wear hearing protection.

3. ASSEMBLY

Assembly Overview

There are 8 steps to the assembly:

STEP 1. Attach The Lower Handles

STEP 2. Attach The Middle Bar

STEP 3. Attach The Upper Handle

STEP 4. Attach Cable Clip

STEP 5. Assemble The Collection Basket

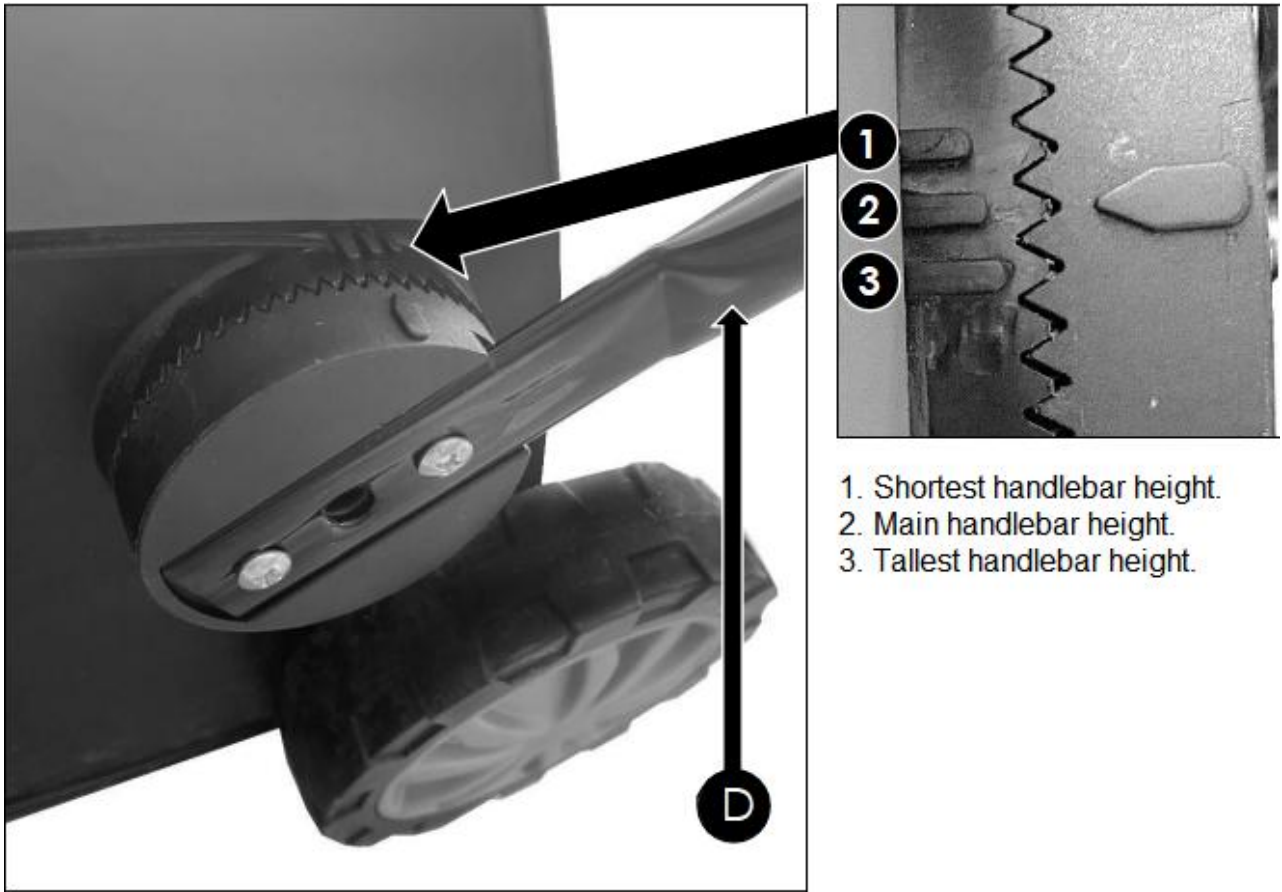
STEP 6. Attach The Collection Basket

STEP 7. Cable Relief Hook

STEP 8. Working Depth Adjustment

STEP 1: Attach The Lower Handles

1. Slot the lower bars (D) into place on the main unit. You can choose from 3 different handlebar heights. You can choose the height by aligning the arrow with the desired height option.



2. Screw in the lower bar lock (K) until it is tight and secure. Turn clockwise to lock and anti-clockwise to unlock.



3. The sweeper/brush should now look like the image below.

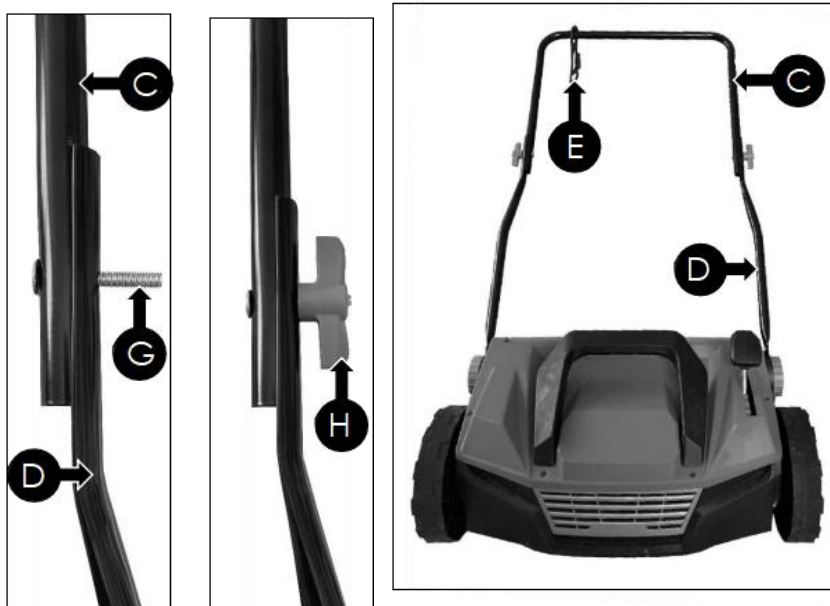


STEP 2: Attach The Middle Bar

1. Slide the cable relief hook (E) onto the middle bar (C).

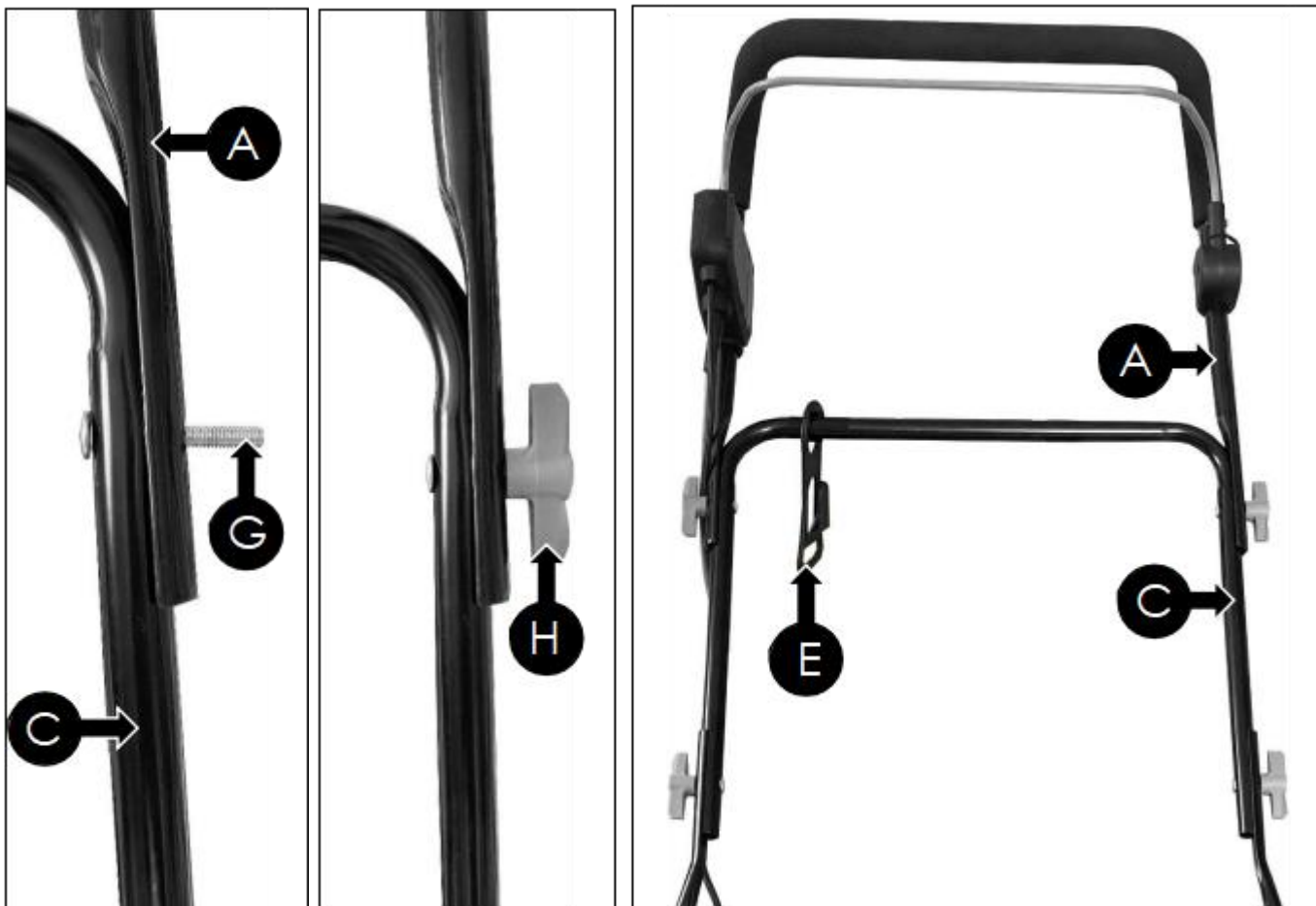


2. Connect the middle bar (C) to the lower bars (D) using the wing nut (H) and bolt (G).



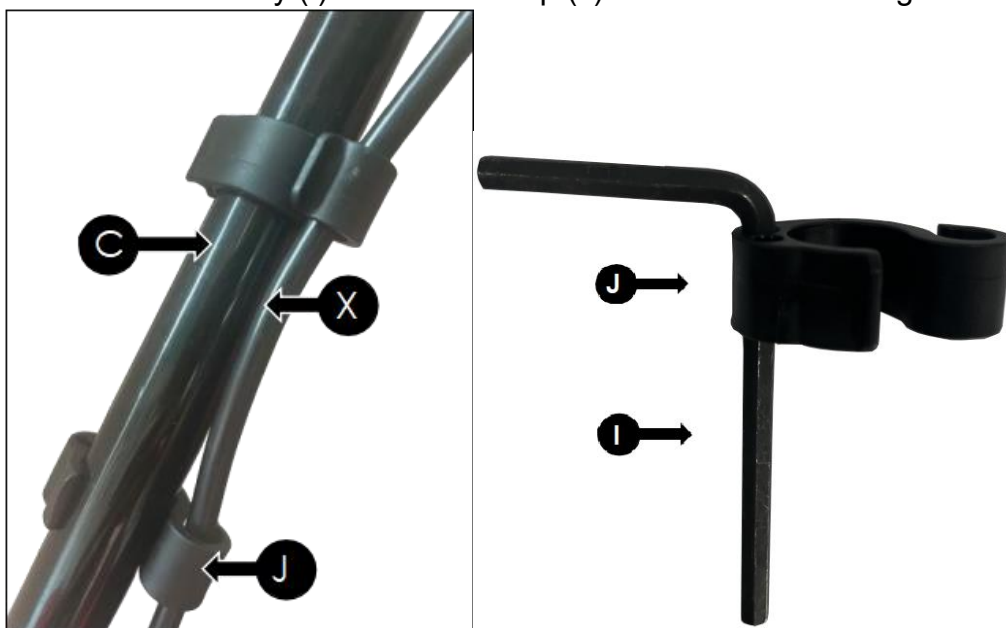
STEP 3: Attach The Upper Handle

1. Connect the upper bar (A) to the middle bar (C) using the wing nut (H) and bolt (G). Make sure the upper bar is attached the correct way as shown in the image.
2. Make sure that the cable relief hook (E) is on the middle bar (C).



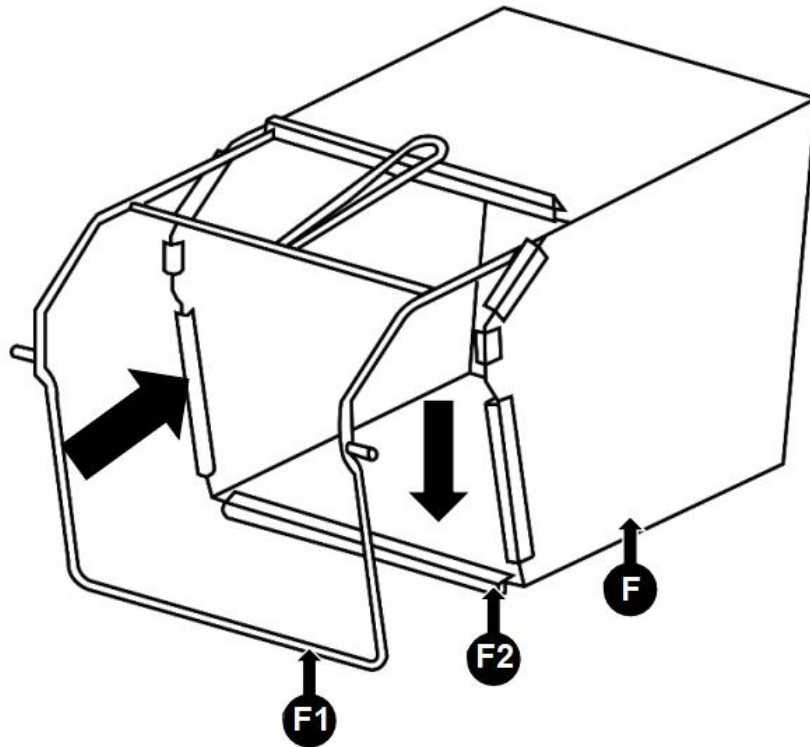
STEP 4: Attach The Cable Clip

1. Clip the power cord (X) onto the middle bar (C) using the cable clip (J). This will keep the cable secure and tight to the machine.
2. You can also store the hex key (I) in the cable clip (J) as shown in the image.



STEP 5: Assemble The Collection Basket

1. Place the metal frame (F1) into the collection bag (F). Attach all fasteners (F2) and make sure they are secure.

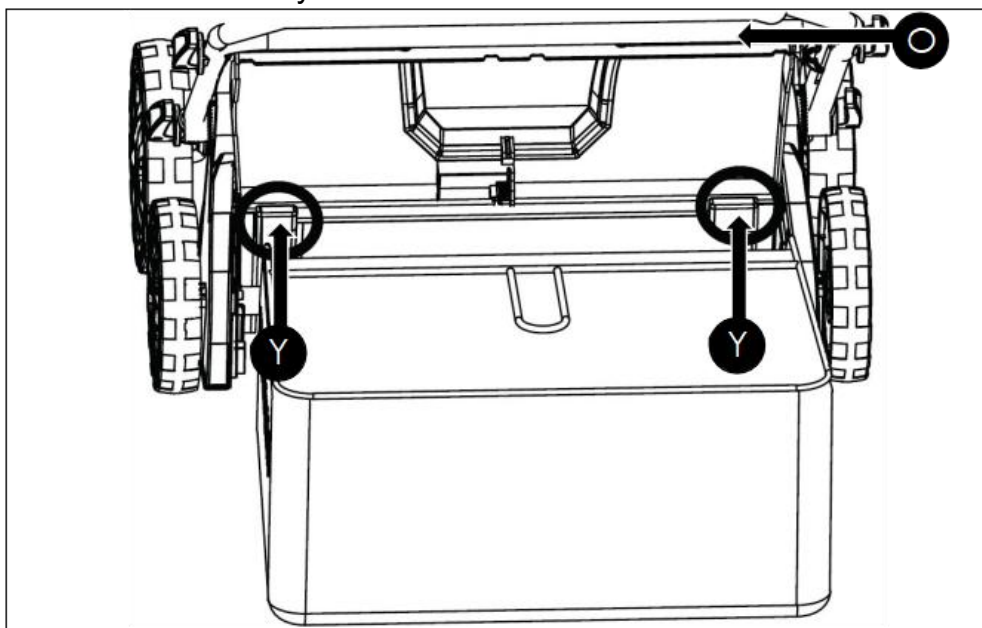


Warning! Ensure the floor of the collection basket is fully extended downward. This is key for the machine to affectively collect debris on your artificial lawn.

STEP 6: Attach The Collection Basket

Warning! You must attach the collection basket before use.

1. Make sure the collection basket is correctly assembled.
2. Lift up the protective rear cover (O).
3. Make sure that the rear chute is clear and free of debris.
4. Clip the collection basket onto the hooks (Y).
5. Place the protective rear cover (O) on top of the collection basket (F) and check that the collection basket is fitted correctly.



To Remove

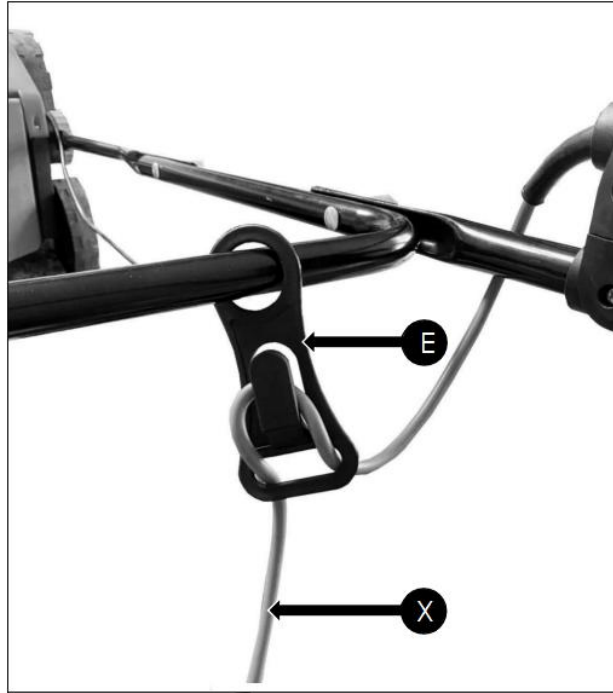
1. Lift up the protective rear cover (O).
2. Lift the collection basket off the hooks (Y).
3. Empty the contents of the collection basket and replace before resuming work.

STEP 7: Cable Relief Hook



Make sure the machine is disconnected from power before you do this. This holds the cable in place while in use and prevents strain on the cable.

1. Make a small loop in the power cable (X).
2. Put the loop through the hole in the cable relief hook (E).
3. Slowly pull the loop to remove slack.



STEP 8: Working Depth Adjustment

The working depth is adjustable to 5 heights (-12mm, -9mm, -6mm, -3mm and +6mm).

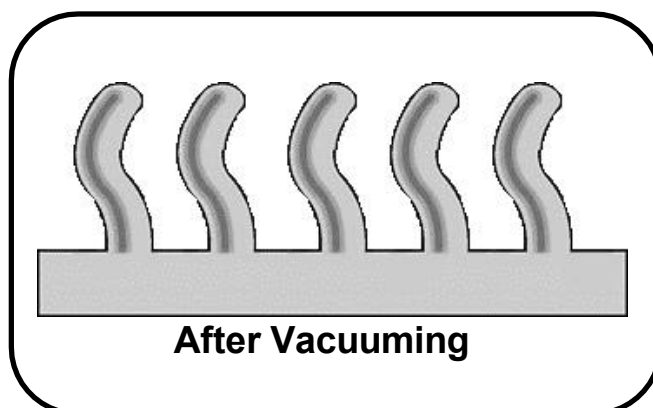
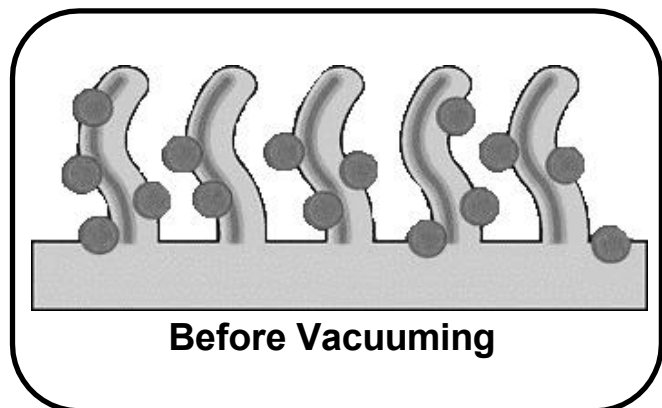
1. Push the depth adjustment handle (Q) forwards or backwards to adjust the height.



4. OPERATION

Preparing Your Artificial Lawn for Sweeping

The machine is intended to sweep small garden debris. If the machine is used on excessively dirty artificial grass, dust and small particles of dirt can be thrown into the air. Dust and dirt can build up between the grass fibres, the machine brushes these fibres clean, allowing a deep rejuvenation of the artificial grass.



Vacuuming the artificial grass with a suitable wet/dry vacuum before brushing can prevent this, or decrease the amount of dust that is within the fibres of the artificial grass.

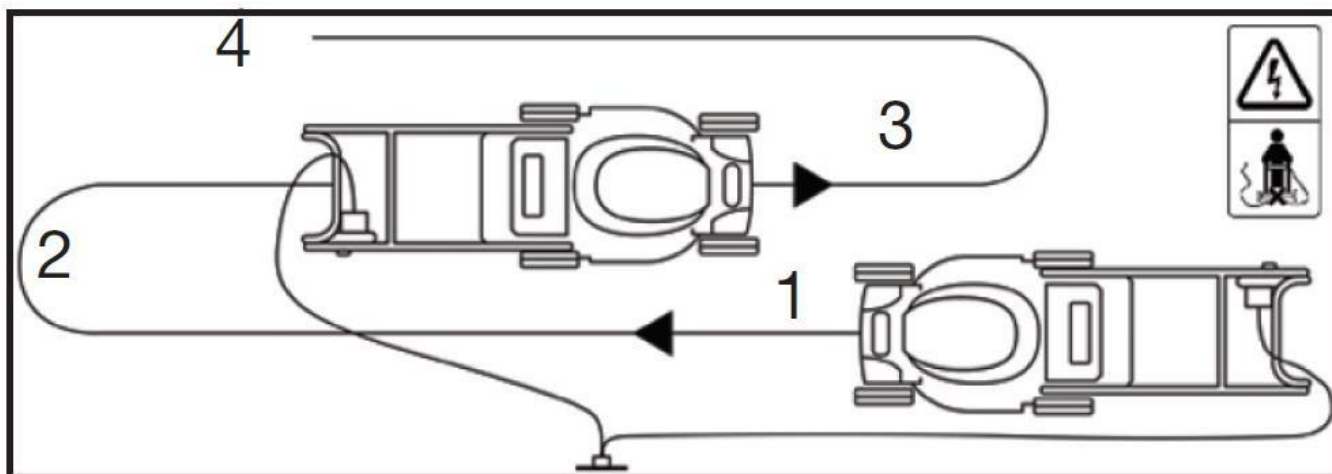
! Always ensure the lawn is always dry, and avoid using the machine in wet conditions.

Working Direction

We recommend to use your machine as outlined below to achieve optimum results and to reduce the risk of cutting the mains cable.

! WARNING! DO NOT WORK TOWARDS THE CABLE.

1. Place the bulk of the mains cable close to the starting point.
2. Move from position 1 to position 2.
3. Turn right and proceed towards position 3.
4. Turn left and move towards position 4.
5. Repeat the above steps as required.



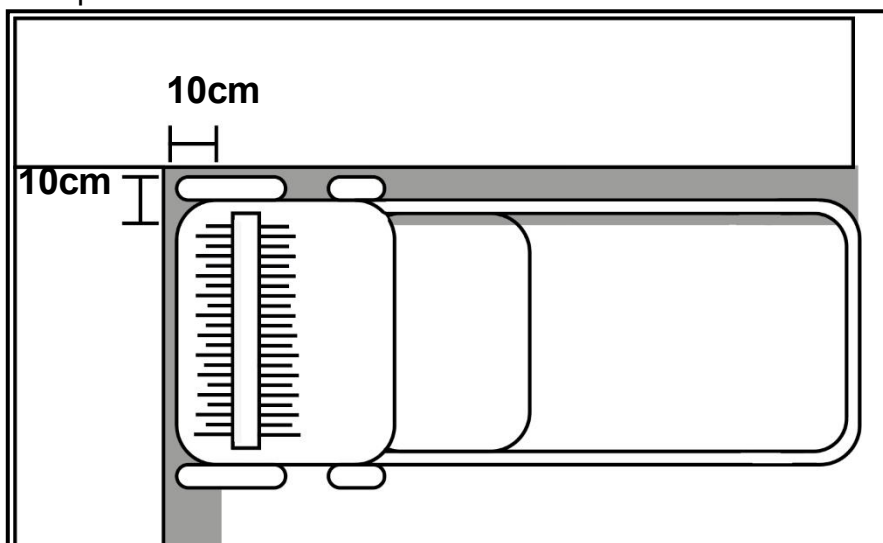
Self Propulsion

The machine has an element of self-propelled motion. As the bristles rotate, they will pull the machine along. The lower the setting on the machine, the more intense the self-propulsion will be.

We recommend to start off the machine always on the highest setting to familiarize the user with the operations of the machine.

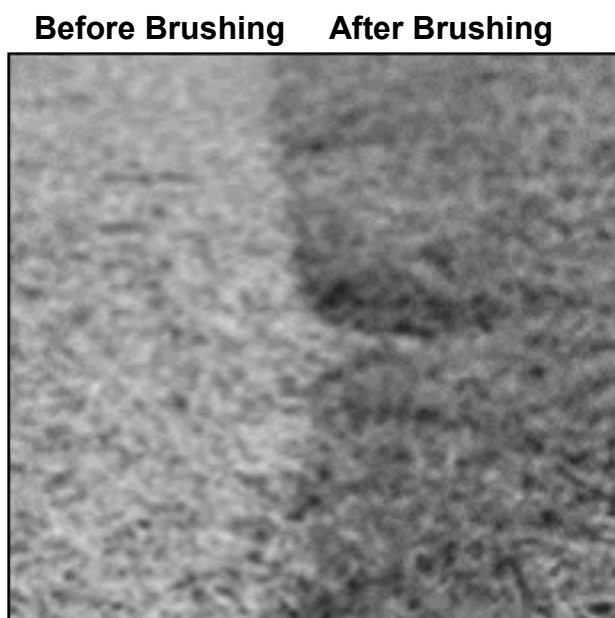
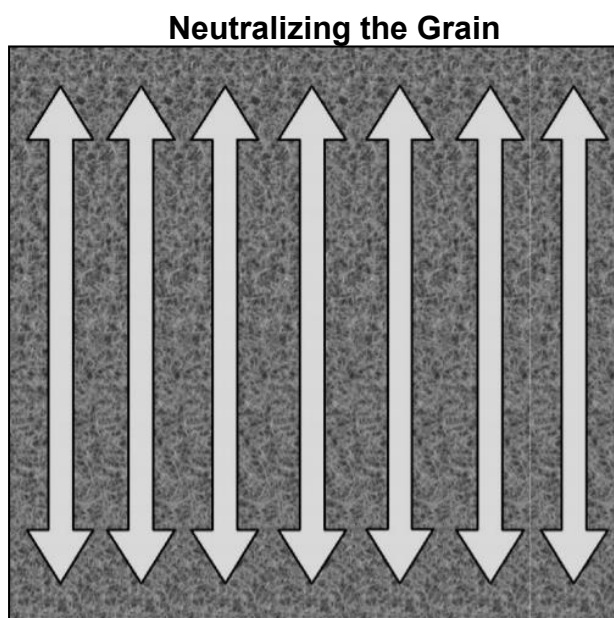
Sweeping Near Walls or Raised Borders

The machine will leave a 10cm gap to walls. If turf area is surround by walls or raised borders, there will be a 10cm border. It is recommended to use a Strong Bristle Garden brush to aerate the turf in areas the sweeper can't reach.



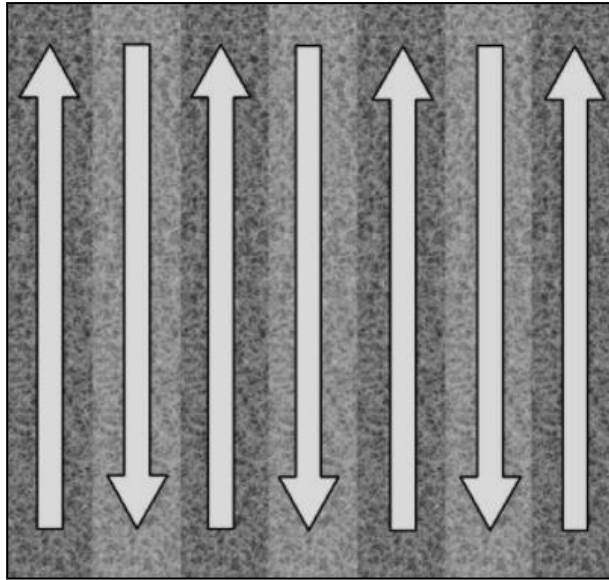
Tips and Tricks for Sweeping

When first installing artificial grass, you'll find the grass blades matted and flat; Using the machine will refresh the appearance of the grass, making the blades stand upright and aerated. First you neutralize the grain. You must brush a path in both directions in order to prepare the lawn for usage and striping.



Lawn Striping


It is possible to add lines to artificial grass as with conventional lawns. When sweeping your artificial grass, alternate the direction of the machines path to create lawn stripes.



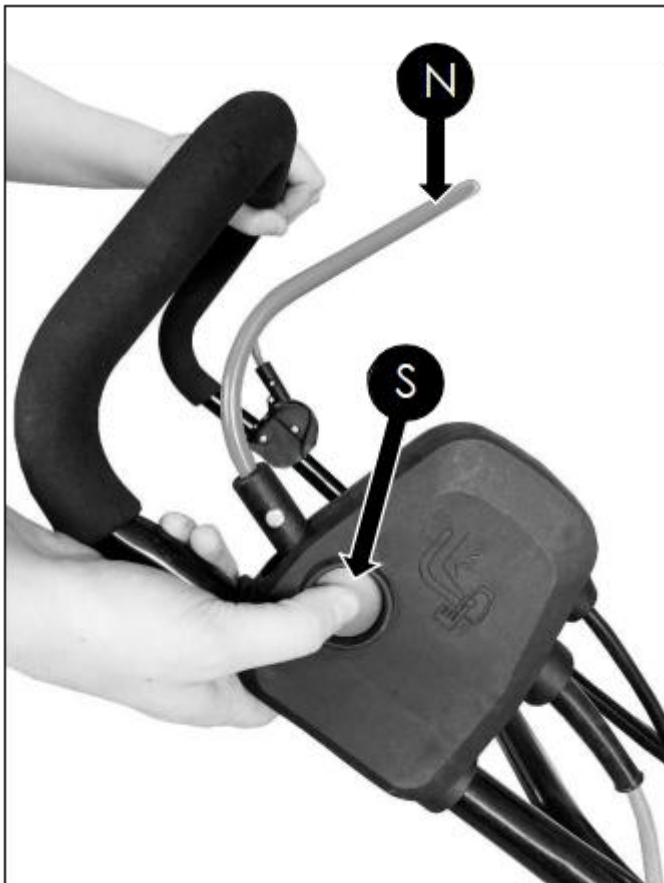
Before Starting Work

1. Check the condition of the cable, if damaged do not use.
2. Ensure that no objects or branches are trapped into the machine.
3. Ensure the work area is tidy and free of any obstacles.
4. Never operate the machine if it is damaged in any way.


Starting


 **YOU MUST** read and understand the full safety instruction manual before starting the machine.

1. Before starting the motor, make sure the cable is well away from the moving parts.
2. Connect to the mains power supply.
3. Press and hold the safety button (S).
4. Pull the OPC lever (N) to the handle.
5. Release the safety button (S).



Stopping

 **WARNING** : Sweeping elements continue to rotate for a moment after the motor is switched off. Do not touch the underside of the machine until the sweeper/brush has come to a standstill.


 **WARNING** : Always switch off machine before placing it down.

1. Release the OPC lever (N).
2. Unplug from the mains supply.




5. MAINTENANCE AND STORAGE

General Maintenance

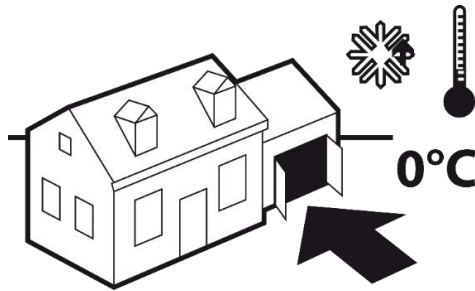
 **WARNING**: Turn OFF the machine, allow all moving parts to come to a complete stop, and disconnect the power cord before maintaining the machine. You need to wear proper clothing and protective gloves whenever your hands are at risk.

1. Keep all nuts, bolts and screws tight to be sure the machine is in a safe working condition.
2. Replace worn or damaged parts for safety. Only use manufacturer- recommended parts and accessories.

Storage

 Keep the machine stored in a dry, level area away from damp, moisture and rain fall. Allow the machine to cool down before storing.

1. Make sure the machine is clean and dry before storing.
2. Make sure the machine is stored away from direct sunlight. Store indoors or in a safe, locked protected area during severe weather and winter months.
3. Ensure the machine is stored in a position, where any persons cannot step on to attempt to reach items up high, due to risk of movement.
4. DO NOT store the machine near an ignition source, such as a wood stove, gas or electric heater, or an appliance or heater with a pilot light.
5. Store the machine out of reach of children or anyone who is not familiar with operation.
6. DO NOT stack other items on top of the machine when in storage.



Cleaning



Always remove the electric plug from the mains supply before any cleaning is undertaken.

1. Remove any grass and mud after each use to prevent it from drying. Use a clean cloth to remove dirt, grease, etc.
2. DO NOT use any water on any part of the main machine.
3. Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use.
4. Always ensure that ventilation openings are kept clear of debris.

Cleaning / Replacing The Brush Cartridge



WARNING! When carrying out maintenance on the Brush Cartridge. Ensure the machine is UNPLUGGED from the power source. Ensure you allow the machine to stop completely before carrying out any maintenance.

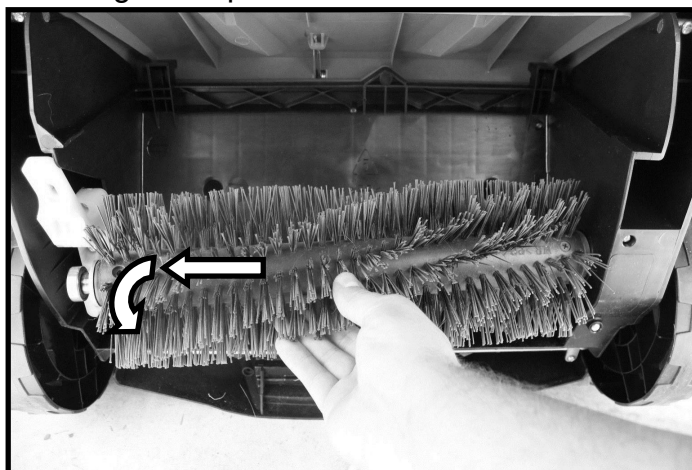


Taking the Brush Cartridge out will make it easier to clean. Strands of material can become tangled on the cylinder.

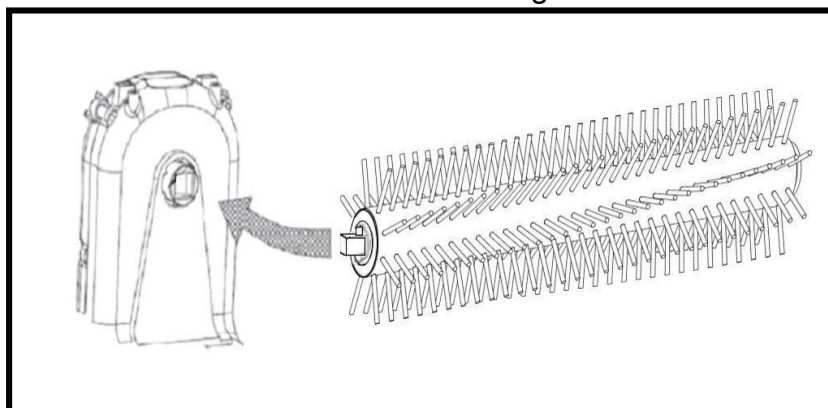
1. Unscrew the bolt on the underside of the machine, using the hex key provided.



2. Lift the Brush Cartridge at an angle and pull it out.



3. Repeat the steps backwards to re-install the brush cartridge.



6. TROUBLESHOOTING

NOTE : All corrective actions should be carried out by suitably qualified person.

Problem	Possible Cause	Possible Solution
Machine will not start	Fuse in mains plug blown/faulty	Check fuse in mains plug and replace is necessary.
	Internal wiring fault.	Contact your service dealer.
Machine functions intermittently.	Internal wiring fault.	Contact your service dealer.

7. DISPOSAL



Electrical products should not be discarded with household products. According to the European Directive 2012/19/EC on waste electrical and electronic equipment and its implementation into national law, electrical products used must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

8. DECLARATION OF CONFORMITY



BUILDER SAS

ZI, 32 rue, Aristide Bergès – 31270 Cugnaux - France

Tel: +33 (0)5.34.502.502 Fax: +33 (0)5.34.502.503

States that the designated below machine:

ELECTRIC SWEEPER

RAE1800

Serial number: 20241110677-20241111302

Developed, designed and manufactured in accordance with the requirements of directives:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EC

ROHS Directive (EU)2015/863 amending 2011/65/EU

Directive Noise 2000/14/EC Annex V and 2005/88/EC

Sound power level: max 105.17dB(A) K=3 dB(A)

Guarantee sound power level: 108dB(A)

Also meets the following standards

EN 60335-1:2012+A11+A13+A1+A14+A2+A15

EN 62233:2008

EN ISO 12100:2010

EN 50636-2-92:2014

AfPS GS 2019:01 PAK

EK9-BE-98 (v2)

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 61000-3-2:2019+A1

EN IEC 61000-3-11:2019

Cugnaux, 21/08/2024

Philippe MARIE/PDG

Responsible of the technical file: Mr Olivier PATRIARCA

9. 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. It can be extended by one year if the user subscribes to website of myswap. 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).



swap

10. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- 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:

- 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.
- 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).

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

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.



11. 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.
- 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*.

* 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, it 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.



BUILDER SAS
32 rue Aristide Bergès - Z.I. du Casque - 31270 Cugnaux - France
MADE IN PRC