



Cordless multi-tool 12 V - 3 in 1

- **Hedge trimmer**
- **Lopping saw**
- **Sabre saw**

RAC12VCOMBI

RAC12VCOMBI-UK



USER GUIDE

CAUTION Read the instructions before using the machine

BUILDER SAS

32, rue Aristide Bergès - ZI 31270 Cugnaux – France

Made in PRC 2020

1. General power tool safety warnings

WARNING 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.*

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.*

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 a 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 and clothing 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.*

h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. *A careless action can cause severe injury within a fraction of a second.*

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 remove the battery pack, if detachable, 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 and accessories. 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.*

h) Keep handles and grasping surfaces dry, clean and free from oil and grease. *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Battery tool use and care

a) Recharge only with the charger specified by the manufacturer. *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*

b) Use power tools only with specifically designated battery packs. *Use of any other battery packs may create a risk of injury and fire.*

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. *Shorting the battery terminals together may cause burns or a fire.*

d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.**

e) **Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.**

f) **Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.**

g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.**

6) 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.**

b) **Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.**

2. Hedge trimmer safety warnings

Hedge trimmer safety warnings:

a) **Keep all parts of the body away from the blade. Do not remove cut material or hold material to be cut when blades are moving. Blades continue to move after the switch is turned off. A moment of inattention while operating the hedge trimmer may result in serious personal injury.**

b) **Carry the hedge trimmer by the handle with the blade stopped and taking care not to operate any power switch. Proper carrying of the hedge trimmer will decrease the risk of inadvertent starting and resultant personal injury from the blades.**

c) **When transporting or storing the hedge trimmer, always fit the blade cover. Proper handling of the hedge trimmer will decrease the risk of personal injury from the blades.**

d) **When clearing jammed material or servicing the unit, make sure all power switches are off and the battery pack is removed or disconnected. Unexpected actuation of the hedge trimmer while clearing jammed material or servicing may result in serious personal injury.**

NOTE 1 The above warning is omitted for machines with **integral batteries**.

e) **When clearing jammed material or servicing the unit, make sure all power switches are off and the lock-off is in the locked position. Unexpected actuation of the hedge trimmer while clearing jammed material or servicing may result in serious personal injury.**

NOTE 2 The above warning is omitted for machines with **detachable battery packs** and **separable battery packs**.

f) **Hold the hedge trimmer by insulated gripping surfaces only, because the blade may contact hidden wiring. Blades contacting a "live" wire may make exposed metal parts of the hedge trimmer "live" and could give the operator an electric shock.**

g) **Keep all power cords and cables away from cutting area. Power cords or cables may be hidden in hedges or bushes and can be accidentally cut by the blade.**

h) **Do not use the hedge trimmer in bad weather conditions, especially when there is a risk of lightning. This decreases the risk of being struck by lightning.**

3. Safety instructions for reciprocating saws

Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.

4. Safety Warnings for charger and batteries

To avoid serious injury, risk of fire, explosion and danger of electric shock or electrocution:

- 1) Do not probe the charger with conductive materials. The charging terminals hold 230V.
- 2) If the battery case is cracked or damaged, do not insert into the charger or tool. Replace the battery.
- 3) Do not charge these batteries with any other type of charger.
- 4) Do not allow liquid inside the charger.
- 5) Do not try to use the charger for any other purpose than what is presented in this manual.

⚠WARNING: Please only use our original battery. The use of non- original batteries or modified batteries may result in battery explosion, resulting in fire, personal injury or damage to articles, but also cause our company's tools and chargers warranty service is full.
Tips to maintain the maximum service life of the battery

- 6) Charge in time before the battery pack is completely exhausted, and stop the tool operation when the tool power is found to be low. And charge the battery pack.

- 7) Do not recharge the battery pack that has been charged. Overcharging will shorten the battery life.
- 8) Please charge the battery pack at 4°C- 40°C (39°F- 104°F) room temperature. Please recharge after the hot battery pack is cooled.
- 9) This charger can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- 10) If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 11) Do not charge non-rechargeable batteries.








5. INTENDED USE

The tool is intended for cutting hedges, bushes, woods.

The device may only be used for its intended purpose be used. Any further about it use beyond that is not as intended. For evoked from it any kind of damage or injury is liable User / operator and not the manufacturer

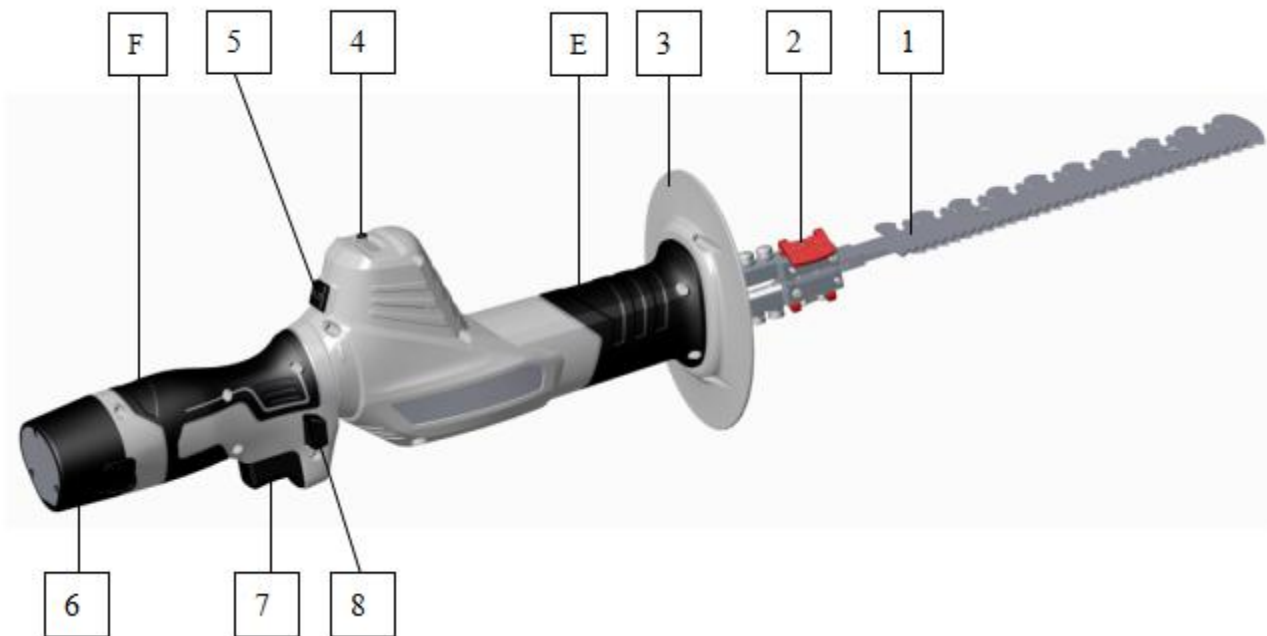
6. SYMBOLS

The labels on your tools and manual may show symbols. These represent important information about the product or instruction on its use.

	WARNING!
	Read the instruction before use
	Do not expose to rain
	DANGER – Keep hands away from blade"
	Wear eye protection
	Wear gloves
	Guaranteed noise level 93dB(A)

7. ASSEMBLY INSTRUCTIONS

a) Machine components



1. Saw blade
2. Blade quick-lock button
3. Guard board
4. Power display switch
5. Handle swivel button
6. Battery
7. Trigger switch
8. Trigger switch lock button
- E. Front handle
- F. Rear handle

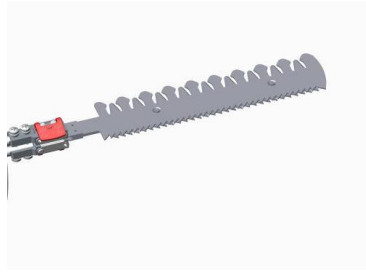
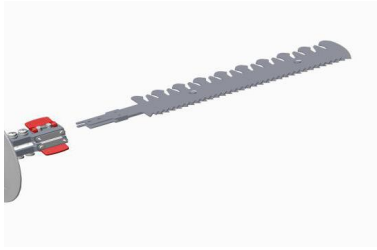
b) Inserting the saw blade

Note: the battery must be removed from the tool before inserting the blade. Wear protective gloves during the assembly.

- Turn and hold the two blade quick-lock buttons to 180°.



- Insert the blade in the tool. Release the blade quick-lock button.



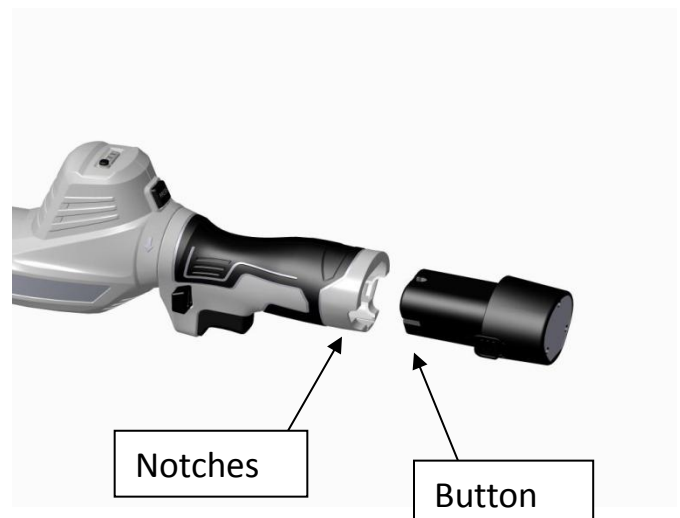
- Check if the blade is well inserted in the tool. It shall be not possible to remove the blade with hand in an easy way.

c) Removing the saw blade

- Switch off the tool and remove the battery
- Turn and hold the two blade quick-lock buttons to 180°.
- Pull out the blade.

d) Inserting the battery pack

- Align the two buttons on the battery pack with the two notches on the tool and plug directly in until the battery pack is locked.
- When disassembling the battery pack, press the two buttons on the battery pack while pulling the battery pack out of the tool.



e) **Checking of the power of the battery pack**

- Press the power display switch. The indicating light displays the remaining power of the battery pack.
- When the three lights switched on (green, yellow red) the power is above 80%.
- When the yellow light and the red light are switched on, the power is around 50%; it is recommended to charge the battery
- When only the red light is switched on, the power is less than 25%; the battery shall be recharged.

f) **Charging the battery pack**

- Remove the battery from the tool.
- Plug the charger to the supply mains. Its indicator light will be in green.
- Plug the cable of the charger to the battery. The indicator light of the charger will be red. The charging has started
- When the charging is finished, the indicator light of the battery will come back in green. The battery is fully charger. Unplug the battery and then the charger.

g) **Battery pack features**

- **Tool/Battery protection system:** This tool is equipped with a tool/battery protection system. The system can automatically cut off the motor power supply to extend the tool and battery life. When working, if the tool or battery is in the following situation, the tool will automatically stop running.
- **Overload protection:** Operate the battery base in a way that causes abnormal high current. The tool will automatically stop running. In this case, turn off the tool and stop the application that caused the tool to overload. Then open the tool to restart.
- **Overheat protection:** Tool or battery is overheated; the tool will automatically stop running. In this case, please wait for the tool and battery to cool before turning on the tool.
- **Over-discharge protection:** When battery power is insufficient, this tool will automatically stop running. If you start the tool, the electrical opportunity runs again, but soon stops again. At this time, the battery in the tool should be removed and charged.

8. OPERATING INSTRUCTIONS

⚠ WARNING: To avoid personal injury:

- Do not place your fingers or hand between the notches in the blade or in any position where they could get pinched or cut.
- Wear protective gloves.

a) Use

- Hold the tool with two hands, on the front handle and one the rear handle.
- Press and hold the trigger switch lock button to the left or right.
- Press the trigger switch to start the tool. When operation, the trigger switch lock button can be released.
- Release the trigger switch to stop the operation. The tool is switched off.

NOTE: Do not simultaneously wear several harnesses and / or suspenders to hold the tool.

b) Rotating handle

The rear handle can be rotate to 90° on the left or on the right in order to have a convenient position following the operation to do. Release the trigger switch before rotate the handle.

Push and hold the button PRESS. Turn the rear handle on the left or on the right, release then the button PRESS.

To put the rear handle on its original position, push and hold the button PRESS and turn the rear handle.



9. Technical Data

Model number	RAC12VCOMBI/ RAC12VCOMBI-UK
Rated voltage	12V d.c.
Speed of blade	1300/min
Cutting capacity (reciprocation saw function)	Φ100mm(wood)
Cutting length (hedge trimmer function)	170mm
Maximum cut diameter (hedge trimmer function)	Φ8mm
Battery type	Li-ion battery (DL12-3)
Battery pack capacity	2.0Ah
Battery charger	Input:100-240V~50Hz 0.2A Output: 13.5V d.c. 2000mA
Charger model	XH1350-2000WG / XH1350-2000WE
Charge time	1 h
Noise	Reciprocation saw function: L _{pA} : 78.5dB(A) K:3dB(A) L _{WA} :89.6dB(A) K:3dB(A) Hedge trimmer function: L _{pA} :76.5dB(A) K:3dB(A) L _{WA} :87.8dB(A) K:3dB(A)
Sound power level guaranteed	93dB(A)
Vibration	Reciprocation saw function: a _{h,B} : 7.834m/s ² (cutting boards with saw blade) a _{h,B} : 7.362m/s ² (cutting wooden beams with saw blade) hedge trimmer function: a _h :2.373 m/s ² K:1.5m/s ²
Size(L x W x H)	640mmX130mmX130mm
Net weight	1.6kg

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;
- 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).

Recommended ambient temperature

While charging: 4-40 °C (**39°F-104°F**)

While using: <80 °C (**176°F**) (Maximum surface temperature area)

While storage: 0-40 °C (**32°F-104°F**)

10. MAINTENANCE AND STORAGE

Keep your tool on a regular basis. This will keep your tool in good working order and extend its lifespan. Do not use abrasive or corrosive agents to clean the tool. These types of products damage your tool.

Do not make any repairs by yourself. Repairs and inspections should be carried out by a competent person or an authorized service center (please contact your dealer).

a. After each use

Check the condition of the accessories and the tool body (cleanliness, wear, damage, etc.). If you notice any damage, wear or malfunction, do not use the tool and take it to a qualified service for inspection and repair.

b. Servicing

No specific maintenance is required by the user. After each season, please bring the tool to an authorized service center for general machine maintenance.

c. Spare parts

You can order spare parts directly from our service center. Please place your order according to the type of machine and the part number indicated in the explosion drawing.

d. Storage

- After use and cleaning, please keep your tool.
- Store the tool in a clean, dry place, preferably in its box.
- When transporting and storing, always put the protective cover on the blade.
- The tool should be stored away from children and pets.
- Avoid exposing the tool to direct sunlight.

11. WARRANTY



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.
- 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.
- 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

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, 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.

14. DECLARATION OF CONFORMITY

We hereby declare that the design, construction and the model for the device with the standard and the requirements of safety and health of the EU's consistent policy.

The statement will prove ineffective if the device is being modified without our approval.

Type of instrument:

Cordless multi-tool 12 V - 3 in 1

- RAC12VCOMBI
- RAC12VCOMBI-UK
- Serial number: **20200717123-20200717192 /20200717193-20200717262**

EU Directives:

- EU Machinery Directive 2006/42/EC
- EU Directive Electromagnetic Compatibility 2014/30/EC
- ROHS Directive 2011/65/EU and amendment 2015/863/EU
- Noise Directive 2000/14/EC+2005/88/EC
- Measured sound power level:
 - Reciprocation saw function: LwA:89.6dB(A) K:3dB(A)
 - Hedge trimmer function: LWA:87.8dB(A) K:3dB(A)
- Guaranteed sound power level:93 dB

Applied harmonized standards:

EN62841-1:2015 EN62841-2-11:2016; EN 62841-4-2:2019

EN 55014-1:2017 EN 55014-2:2015 EN 50581:2012

Cugnaux, 28/05/2020



Philippe MARIE / CE

15. 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.



Li-ion

Do not dispose of batteries in your normal household waste!

