



ORIGINAL INSTRUCTIONS

HEDGE TRIMMER RAC500EHT-1-UK



CAUTION: Please read these instructions before using this machine

BUILDER SAS

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DESCRIPTION OF SYMBOLS

Symbols are used in this manual to attract your attention to possible risks. The safety symbols and the explanations which accompany them must be perfectly understood. The warning themselves do not prevent the risks and can not be a substitute for proper methods of avoiding accidents.



Before any use, refer to the corresponding paragraph in the present manual.



This symbol, before a safety comment, indicates a precaution, a warning or a danger. Ignoring this warning can lead to an accident for yourself or for others. To limit the risk of injury, fire, or electrocution always apply the recommendations indicated.



Conforms to european standards.



This symbol indicates the requirement of wearing ear protection, eye protection gloves robust and footwear when using the product.



Do not expose and operate the tool in rain.



Danger of injury from flying parts!



Always maintain a sufficiently safe distance.

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Remove the plug from the mains immediately if cable is damaged or cut.



Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

GENERAL SAFETY INSTRUCTIONS

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

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

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

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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 with a tripping current of 30 mA or less) 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

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4) Power tool use and care

- Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation.**

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operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

- Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

5) Service

- 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.

SPECIAL SAFETY INSTRUCTIONS

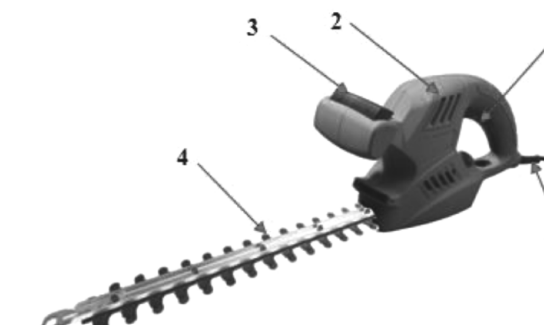
- Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material.** A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- Carry the hedge trimmer by the handle with the cutter blade stopped. When transporting or storing the hedge trimmer always fit the cutting device cover. Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.**
- Keep cable away from cutting area. During operation the cable may be hidden in shrubs and can be accidentally cut by the blade.**

- Switch off the machine and disconnect the plug from the power supply when the machine is left unattended, maintenance is being carried out, for cleaning, blade oiling or when the blades are blocked or any object to be removed from the blade.
- Make sure that the protection guard is always mounted to the machine when using the hedge trimmer. Never remove any of its components and never use a damaged or incomplete machine and never modify any of the machine components or tamper with the original trimmer arrangement in any way.
- The use of a circuit is required for machines for outdoor use. The machine has to be connected to socket outlets with earth contact.
- Only use splash proof extension cord approved for outdoor use and marked accordingly.
- Make a loop in the extension cord and hang into the cable holder as shown in (6).
- Before using the hedge trimmer, check the machine, extension cord and plug. If any components are worn or damaged, have them checked, repaired or replaced by an authorized service centre.
- Remove the plug immediately, if the cable or extension cord has been damaged or cut.
- Always wear suitable clothing, anti-slip shoes and close-fitting garments, which cannot get caught, however, do not restrict movement. Tie long-hair back or protect with a hair net. Do not wear bracelets or long jewellery, which could get entangled in moving parts.
- Always wear safety goggles or a face guard, protective gloves and, if the noise exceeds 85 dB(A), also wear ear guards.

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- Do not use the machine when it is raining or on wet hedges.
- Individuals below the age of 16 and individuals, who are not perfectly familiar with the instruction, are not allowed to use the machine.
- Within the working area, the person using the machine is responsible for any damage or injury sustained by third parties or their property which has been caused by the machine. Watch your working area and do not allow third persons or animals to be around.
- When operating the machine take great care and always hold it firmly with both hands. Chose a stable and safe position, especially on steps.
- Check regularly that all screws are properly secured. Check the cutting blades regularly and, in case of damage, have them repaired or exchanged by an authorized service centre.
- Make yourself familiar with your working area and be alert for possible hazards, which you might not her due to the motor noise.
- Never touch the unprotected blades and never carry the machine taking hold of the blades.
- When the hedge trimmer is not in use, for transport or storage, keep it in a dry place and out of the reach of children, and have the cutting blades always inserted into the protection cover.
- Only use original spare parts and accessories supplied with the machine or recommended by the manufacturer.
- To check the hedge for foreign objects, e.g. wire fences
- Use a residual current device with a tripping current of 30 mA or less
- To hold the hedge trimmer with both hands

DESCRIPTION OF MACHINE PARTS



- Rear handle with on/off switch
- Housing
- Front handle with on/off switch
- Blade
- Cable and plug

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Before starting the machine

Connection

- This hedge trimmer may only be connected to single-phase AC source. Ensure that the mains voltage is the same as the operating voltage indicated on the rating plate.
- Connect the power plug to the coupling of an appropriate extension cord. Form a loop, push it through the opening in the rear handle and hook over the cable holder.

Starting the machine

Warning! Only use this machine for applications described in the chapter 'application range'

- Switching on: Press the on/off switch (3) of the front handle and the switch (1) of the rear handle with both hands at the same time.
- Switching off: release any one of the switch (3) or (1).
- The blade brake makes the blades stop immediately within 0.5s the small flash in the area of the upper ventilation slots is normal and does not harm to you or the machine.

Cutting hedges

-Before you start your work, select branches with a diameter not bigger than 20mm and cut them with a pruning shear. A trapezoidal cut corresponds to the natural, growth of plants and results in optimal hedge growing.

- First cut the sides from the bottom to the top. Cut the upper part giving it the shape you prefer, in a straight horizontal form, roof-like or rounded.
- The lever guide will help you to control the blade in horizontal
- The safety blade has laterally rounded and staggered cutting teeth to reduce danger of injury. The additional shock protection avoids inconvenient kickback when the blades come into contact with walls, fences etc.
- If the blades are jammed or blocked by obstacles, switch the motor off immediately, pull the plug, and then remove the object jamming the blades.
- Caution! Metal obstacles like fences etc. may damage the cutting blades.
- Always make sure to keep the extension cord behind your back and to start cutting the hedge at the point nearest to the supply socket. Therefore plan your working direction before starting.

Maintenance and cleaning

-Before carrying out any checks or maintenance operations, disconnect the plug from the electric power supply.

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-Check your machine regularly before starting the work.

- Damaged cutting blades have to be repaired or exchanged by a qualified service man before working with the machine.
- After each cutting operation, clean the cutting blade with a soft brush and cloth with lubricating fluid oil and spray a thin layer of fluid protective oil on the completes blade.
- Always keep the ventilation slots in motor housing clean.
- Never clean or spray a machine with water. Clean the motor housing only with a moist cloth and never apply detergents or solvents! These could ruin the plastic parts of the machine. Finally, dry the motor housing carefully.
- Store the machine with the supplied protection cover.
- Only use original accessories and spare parts.

SPECIFICATIONS

Nominal voltage	230V~50Hz
Power	500W
Electric Engine No Load Speed	1750/min
Cutting Dia.	16mm
Blade Size	410mm
Electric Brake	Yes
Guaranteed sound pressure level	98dB(A)
Vibration	3.298 m/s² k= 1.5 m/s²

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6. DECLARATION DE CONFORMITE CE

BUILDER SAS
ZI, 32 rue Aristide Bergès — 31270 Cugnaux — France
Declare that the machine designated below:

Hedge trimmers
RAC500EHT-1-UK

Serial number:20191128734-20191129533

Conforms to the provisions of the Machine Directive 2006/42 / EC
Also in accordance with the following European Directives: A EMC Directive 2014/30 / Rohns Directive(EU)2015/863 amending 2011/65/EU
To the 2000/14 / EC Noise Directive Annex V + 2005/88 / EC
Sound power level guaranteed: Lwa: 98dB (A)
Sound power: Lwa: 99dB (A)
This is also available in European Standards.
EN 60745-1: 2009 + All: 2010
EN 60745-2-15: 2009 + Al: 2010
EN55014-1:2017
EN55014-2:2015
EN61000-3-2:2014
EN 61000-3-3: 2013

Person responsible for the technical file: Mr Patriarca
Cugnaux, le 12/10/2019



Philippe MARIE / PDG

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