

ORIGINAL INSTRUCTIONS

FEIDER
MACHINES

HEDGE TRIMMER 20V
INSTRUCTION MANUAL
F20VTH



WARNING: READ THE FOLLOWING INSTRUCTIONS BEFORE USE THIS MACHINE

BUILDER SAS
32, rue Aristide Bergès - ZI 31270 Cugnaux – France
MADE IN PRC 2020



1. 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 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.*

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 jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry 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) 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.*

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*

Hedge trimmer safety warnings:

- **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.*

- Check for any foreign objects in the hedge, such as wire fences.
- Hold the hedge trimmer correctly, for example with both hands if it is equipped with two handles.
- Anyone who uses or performs maintenance work on this machine must be familiar with these instructions and are aware of possible hazards. Prevent children, sick people or not able to use the machine. While you are standing in the work area, be aware of the presence of children
- Observe local or regional safety measures in your area. This also applies to all provisions relating to safety at the workplace and to health prevention in the workplace
- The manufacturer cannot be held responsible if the machine has been modified in an unauthorized manner or in such a way as to constitute a final damage.
- Observe the nature of the area where the work is being performed.
- When cutting, make sure you have good lighting.
- Ensure your stability when working on slopes or on irregular surfaces or in the presence of moisture, snow or frost.
- Do not allow unauthorized persons to approach the machine. Visitors and spectators, especially children, the sick or the disabled, must not have access to the work area.
- Take precautions when storing the tool. When the machine is not in use, it must be stored in a dry, if possible high or protected place, in order to prevent access.
- Use the tool for the tasks you want to perform. In this context, it is advisable, for example, to avoid using a tool or a small accessory for a job requiring the use of a heavy tool.
- Use the tool only for the purpose for which it was designed.
- Wear appropriate clothing. Your outfit should be appropriate to work and not bother you. Wear protective clothing that protects against cuts.
- Use personal protective equipment. This includes at least: safety shoes, goggles, ear protectors, protective gloves, etc.
- Never use an unsafe cutting tool. There is a risk of injury from projected objects.

- Before starting the trimmer, remove all the keys and check that the tool is securely assembled.
- Stay alert at all times. Be attentive to what you are doing. Make use of your common sense. Do not use the tool when you are tired. Do not use the tool under the influence of alcohol, drugs or drugs that alter or decrease concentration. Also, do not use the tool when you are sick.
- After using the machine for an extended period of time, you may experience circulation problems in your hands. Extend the duration of use by wearing appropriate gloves and taking regular breaks. Please note that the running time of the motorized machine is shortened due to user discomfort due to poor circulation, too low outside temperature or excessive machine driving power during the works.
- Take account of damaged components. Check the machine before using it. Damaged components must be repaired or replaced as soon as possible by authorized persons. Defective switches must be replaced by an authorized dealer. Do not use the machine if it cannot be turned off or turned on with a switch. When repairs are required, please contact your nearest dealer.
- Before any adjustment or maintenance operation, the motor must always be switched off.
- Use only approved components. Use only identical replacement parts as replacements during maintenance or repair work. Contact your authorized dealer for advice. Do not use metal swivel chains and flail blades.
- When transporting and storing the tool, make sure it is secure. Put the protective device on the blade when the machine is to be transported, stored, cleaned and maintained
- To avoid damage or injury, be careful when handling and transporting the tool. Do not forget to put the protective device on the blade each time.
- Do not use the device when you are tired, sick under the influence of alcohol or drugs.
- Use only accessories and protections recommended by the manufacturer. It is recommended that your dealer provide a list of recommended accessories if necessary. Use of parts not recommended by the manufacturer may result in personal injury, accident and malfunction of the tool.
- Maintain a good balance when using the tool. Stay firm feet on the ground so as not to fall. Do not lean too much, do not put yourself in positions that may unbalance and hurt you. Use the harness supplied with the tool.
- Periodically check that the cutting elements stop when the machine is idling.
- Warning! The use of another cutting head or other accessories and extensions, even when specifically recommended, may result in injury or property damage.
- The machine must not be used for purposes other than those intended. Any divergent use of these purposes must therefore be considered as unauthorized use. The user is solely responsible, thereby systematically releasing the manufacturer from any liability for personal injury or damage resulting from such unauthorized use.
- Keep persons at a minimum distance of 15 mm from the work area.

Intended Use

Your hedge trimmer is a device used by a person to cut hedges and shrubs by working with one or more blades arranged linearly and back and forth. A potential hazard exists if the device is used for other purposes. Improper handling of the hedge trimmer increases the risk of blade injury. Only the use of spare parts and accessories approved by the manufacturer is permitted. Specially design to work with Hyundai range of battery and charger.

Any other use may be dangerous and severely damage the trimmer. Examples of improper use may include, but not limited to:

- General grass cutting and in particular near kerbs;
- Chopping material for composts;
- Using the machine for cutting non plant material

Residual risks

- Cuts from the blade
- Inhalation of particles of material to be cut
- Projection of the parts of the cutting blades
- Contact with uncovered cutting head (wounds, cuts)
- Contact with tool in operation (injuries, cuts)
- Development of toxic dusts / fumes when used in confined spaces (vomiting / nausea)
- Hearing loss in the absence of proper hearing protection

Symbols



Warning symbol



Read the instructions manual



Wear an ocular protection



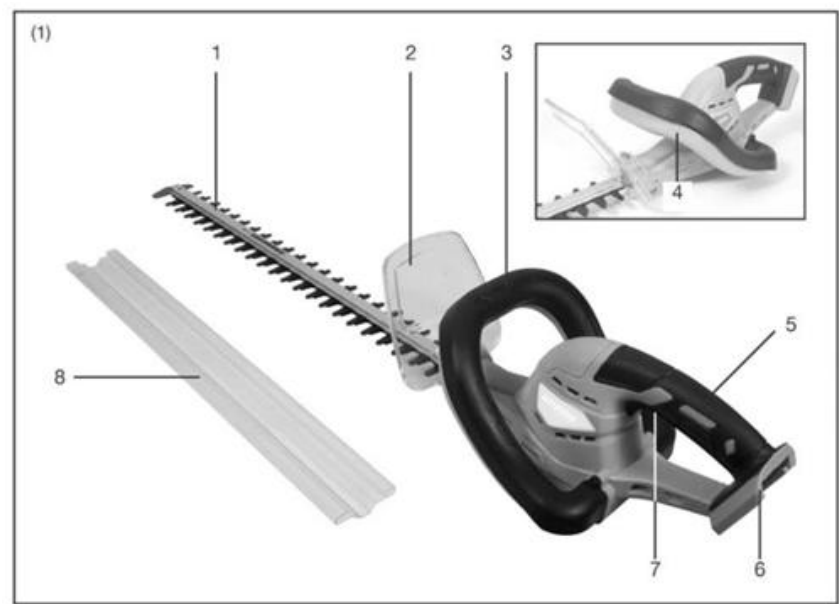
Wear a hearing protection



Do not expose to rain or humidity

2. YOUR TOOL

a. Description



- | | |
|------------------|-------------------|
| 1. Cutting blade | 5. Rear handle |
| 2. Hand guard | 6. Battery port |
| 3. Front handle | 7. Trigger switch |
| 4. Safety switch | 8. Blade guard |

b. Technical data

Voltage	20 V d.c.
Cutting length	560 mm
Cutting capacity	19 mm
Sound pressure level	LpA: 80dB(A) K= 3dB(A)
Sound power level	LwA: 90dB(A)
Vibration	3,5m/s ² K=1,5 m/s ²

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.

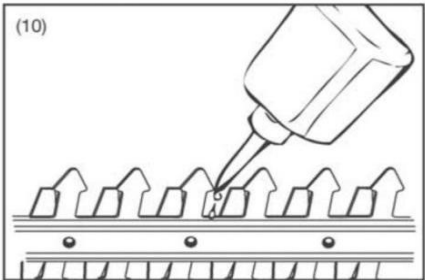
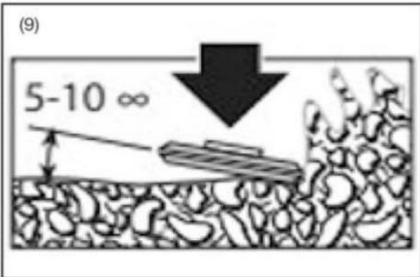
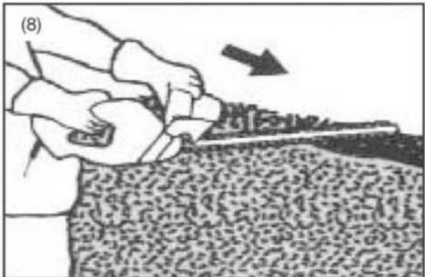
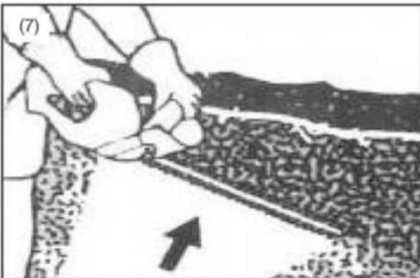
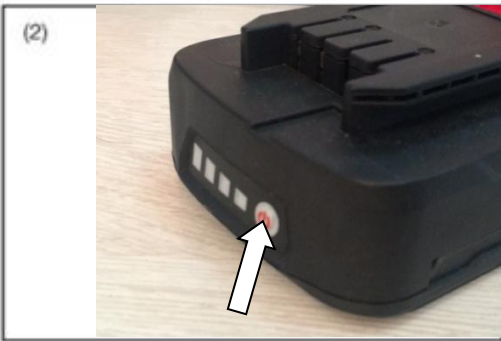
Warning

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).

Wear hearing protection.

3. USE



NOTE: Supplied without battery or charger

a. Charging (Charger and battery not included in this model)

- 1). Take the battery pack out of the equipment. Do this by pressing the side pushlock buttons.
- 2). Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the power plug of the charger into the socket outlet. The RED LED will then begin to light.
- 3). Insert the battery pack into the battery charger .then the red LED on charger will begin to Green flash light.
- 4). You will find a label with “Charger indicator” of the LED indicator on the charger.

The battery pack can become a little warm during the charging. This is normal.

If the battery pack fails to charge, check:

- Voltage at the power socket
- Whether there is good contact at the charging contacts.
- Whether the battery pack is warm or not, The battery protection system will not allow the battery to be charged if the battery temperature is over 40°C after use, allow the battery pack to cool to room temperature before commencing with the charging.

If the battery pack still fails to charge, send the charging unit and the battery pack to our customer service center.

To ensure that the battery pack provides long service, you should take care to recharge it promptly. You must recharge the battery pack when you notice that the power of the cordless vacuum drops. Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

Battery capacity indicator

Press the switch for the battery capacity indicator . The battery capacity indicator shows the charge status of the battery using 4 LEDs as following:

All 4 LEDs are lit:

The battery is fully charged.

3 LED(s) are lit:

The battery has approx 75% remaining charge.






2 LED(s) are lit:

The battery has approx 50% remaining charge.

1 LED is lit:

The battery will be empty soon, please recharge the battery.

Charger indicator

Indicator status	Explanations and actions
	<p>Ready for use</p> <p>The charger is connected to the mains and is ready for use; there is no battery pack in the charger.</p>
	<p>Charging</p> <p>The charger is charging the battery pack in charge mode.</p>
	<p>Battery pack is full of charge.</p> <p>Charging is finished and battery pack in the charger.</p>
	<p>The temperature of battery is too high or too low, the charger is under protection status. The charging function can be recovered after the temperature is normal.</p>
	<p>Unrecoverable battery malfunction.</p>

b. Installing the battery pack

Warning! Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, carrying, transporting or when it is not in use. Removing the battery pack will prevent accidental starting that could cause serious personal injury

NOTE: To avoid serious personal injury, always remove the battery pack and keep hand clear of the lock out button when carrying or transporting the tool.

Slide battery pack into the tool base, Fig 3. Make sure that the battery pack snaps into place and that the battery is secured in the tool before beginning operation. Improper installation of the battery pack can cause damage to internal components.

c. Removing battery pack

Locate the battery release catch on the top of the battery and press downwards, Fig 4. Whilst holding down the battery release catch slide the battery pack away from the tool.

d. Starting the hedge trimmer

Hold the firmly the machine with both hands. Press the safety switch, Fig 5 and then the trigger switch, Fig 6.

NOTE: both switches must be enabled in order to switch the motor on and keep it running. The motor will stop if either switch is released.

Warning! Do not tamper or defeat the safety switch. Serious injuries could occur to yourself or others if the safety devices do not work correctly.

e. Stopping the hedge trimmer

Release the safety switch and trigger switch. Remove the battery from the trimmer.

NOTE: when the motor is switched off, a few sparks may be seen near the ventilation slots. This is perfectly normal and does not damage the tool in any manner.

f. Using the hedge trimmer

When cutting always hold the machine firmly with both hands.

NOTE: The battery is fitted with a protection system which prevents it from running completely flat. The power tool will automatically switch off when the accumulator is flat. If this happens, it must be promptly be recharged.

Immediately stop the trimmer if the blades jam.

Vertical trimming (FIG 7)

It is recommended to trim the two vertical sides of the hedge before trimming the top.

Proceed to cut by using curved movements from the bottom towards the top, keeping the blade as far from the body as possible.

Horizontal trimming (FIG 8 and 9)

The best results will be obtained with the blade slightly inclined (5°-10°) in the direction you are cutting, proceed with a curved movement, slowly and without interruptions, especially in the case of very thick hedges.

Lubricating the blades (FIG 10)

If the trimming device overheats whilst working, it is necessary to lubricate the internal surfaces of the blades.

Warning! This operation must be only performed when the blades have stopped, the trimmer is switched off and the battery removed.

When you have finished your work:

- Switch off the motor as indicated
- Allow the motor to cool before storing in any enclosure

To reduce fire hazards, clean the machine thoroughly to get rid of any remains of grass, leaves or excess grease, never leave containers with the cut debris inside the storage area.

To increase the efficiency and working life of the blades, clean and lubricate them carefully after each work session

Use a soft cloth to clean the blades, along with a brush to remove more difficult dirt and debris.

Lubricate the blades with suitable oil.

4. MAINTENANCE

a. **Maintenance**

After each use, remove the accumulator from its compartment and check for damage.

Correct maintenance is essential to maintain the original efficiency and safety of the machine over time.

Keep all nuts, bolts and screws tight to be sure the equipment is in a safe working condition.

Never use the machine with worn or damaged parts. Damaged parts are to be replaced and never repaired.

Only use original spare parts. Parts that are not of the same quality can seriously damage the equipment and compromise safety.

During maintenance, remove the battery from the tool.

To avoid overheating and damage to the motor, always keep the cooling air vents clean and free of sawdust and debris.

Clean the housing only with a damp cloth. Do not use solvents! Then wipe thoroughly.

Check the condition of the tool. If the tool is damaged or has malfunction, do not use it and bring it to a qualified service for inspection or reparation.

To maintain the optimum battery power, we recommend that the battery be discharged and recharged every two months.

b. **Storage**

Remove the battery from the tool.

Put the blade protection on the blade of the tool during transport and storage.

Store the tool in a dry place and protected from freezing, the ambient temperature should not exceed 50°C. Put it out of the reach of children.

5. DISPOSAL



Electrical products should not be discarded with household products. According to the European Directive 2012/19/EU 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.

6. DECLARATION OF CONFORMITY



EC Declaration of conformity

BUILDER SAS

32, rue Aristide Bergès - ZI 31270 Cugnaux – France

Declares that the machine

Designation: HEDGE TRIMMER 20V

Model: F20VTH

Serial number: 20200808245-20200808544

Is in conformity with the European Directives:

Machine Directive 2006/42/EC

EMC Directive 2014/30/EU

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

Noise emission Directive 2000/14/EC Annex V + 2005/88/EC

Guarantee sound power level: 90 dB (A);

This product is also in conformity with the following standards:

EN60745-1:2009+A11:2010

EN60745-2-15:2009+A1:2010

EN55014-1:2017

EN55014-2:2015

The technical documentation is kept by: Olivier Patriarca

Philippe MARIE / PDG
Cugnaux, 20/07/2020

A handwritten signature in black ink, appearing to be 'Philippe Marie', written over a faint circular stamp or watermark.

7. 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).



8. 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.



9. 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, 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.