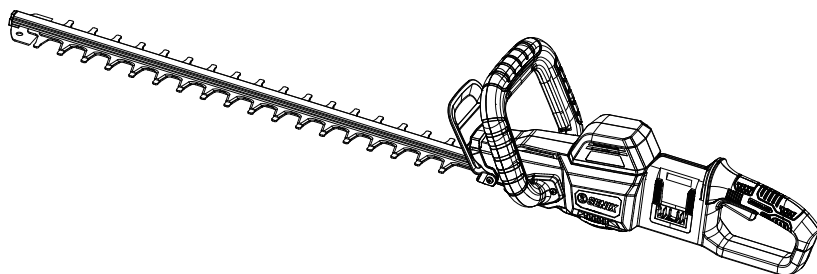




## CORDLESS 610mm (24") HEDGE TRIMMER



**CAUTION:** Before using this tool, please read this manual completely, and follow all operating safety measures.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

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## SAFETY & INTERNATIONAL SYMBOLS

The following table depicts and describes safety and international symbols and pictographs that may appear on this product. Read, understand, and follow all instructions on the machine and in the instruction manual for complete safety, assembly, operating, maintenance, and repair information before attempting to assemble and operate.



Caution / Warning.



To reduce the risk of injury, user must read instruction manual.



Wear eye protection.



Wear ear protection.



Do not expose to rain.



**DANGER** – Keep hands away from blade.



RCM Mark



Power tools that are no longer usable and defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

## SAFETY INSTRUCTIONS

### GENERAL MACHINE SAFETY WARNINGS



#### **WARNING!**

**Read all safety warnings, instructions, illustrations and specifications provided with this machine.** 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 “machine” in the warnings refers to your mains-operated (corded) machine or battery-operated (cordless) machine.

#### **1. Work Area Safety**

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

#### **4. Electrical Safety**

- Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) machines.** *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 machines to rain or wet conditions.** *Water entering a machine will increase the risk of electric shock.*
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- When operating a machine 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 machine in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

## 7. Personal Safety

- a. **Stay alert, watch what you are doing and use common sense when operating a machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating machines 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 machine.** *Carrying machines with your finger on the switch or energising machines that have the switch on invites accidents.*
  - d. **Remove any adjusting key or wrench before turning the machine on.** *A wrench or a key left attached to a rotating part of the machine may result in personal injury.*
  - e. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the machine 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 machines allow you to become complacent and ignore machine safety principles.** *A careless action can cause severe injury within a fraction of a second.*
- ## 4. Machine Use and Care
- a. **Do not force the machine. Use the correct machine for your application.** *The*

*correct machine will do the job better and safer at the rate for which it was designed.*

- b. **Do not use the machine if the switch does not turn it on and off.** *Any machine 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 machine before making any adjustments, changing accessories, or storing machines.** *Such preventive safety measures reduce the risk of starting the machine accidentally.*
  - d. **Store idle machines out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine.** *Machines are dangerous in the hands of untrained users.*
  - e. **Maintain machines and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use.** *Many accidents are caused by poorly maintained machines.*
  - f. **Keep cutting machines sharp and clean.** *Properly maintained cutting machines with sharp cutting edges are less likely to bind and are easier to control.*
  - g. **Use the machine, accessories and machine bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the machine 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 machine in unexpected situations.*
- ## 9. Battery Machine 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 machines 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 machine 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 machine 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 machine 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.*
- 8. **Service**
  - a. **Have your machine serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the machine is maintained.*
  - b. **Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

## HEDGE TRIMMER SAFETY WARNINGS

- a. **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.*
- b. **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.*
- c. **Wear ear protection.** *Adequate protective equipment will reduce the risk of hearing loss.*
- d. **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.*

- e. **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.*
- f. **When clearing jammed material or servicing the hedge trimmer, 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.*
- g. **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.*
- h. **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.*

## VIBRATION + NOISE REDUCTION

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment. Take the following points into account to minimise the vibration and noise exposure risks.

- Only use the product as intended by its design and these instructions.
- Ensure that the product is in good condition and well maintained.
- Use correct attachments for the product and ensure they are in good condition.
- Keep tight grip on the handles/grip surface.
- Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
- Plan your work schedule to spread any high vibration tool use across a longer period of time.

## EMERGENCY

Familiarize yourself with the use of this product by means of this instruction manual. Memorize the safety directions and follow them to the letter. This will help to prevent risks and hazards.

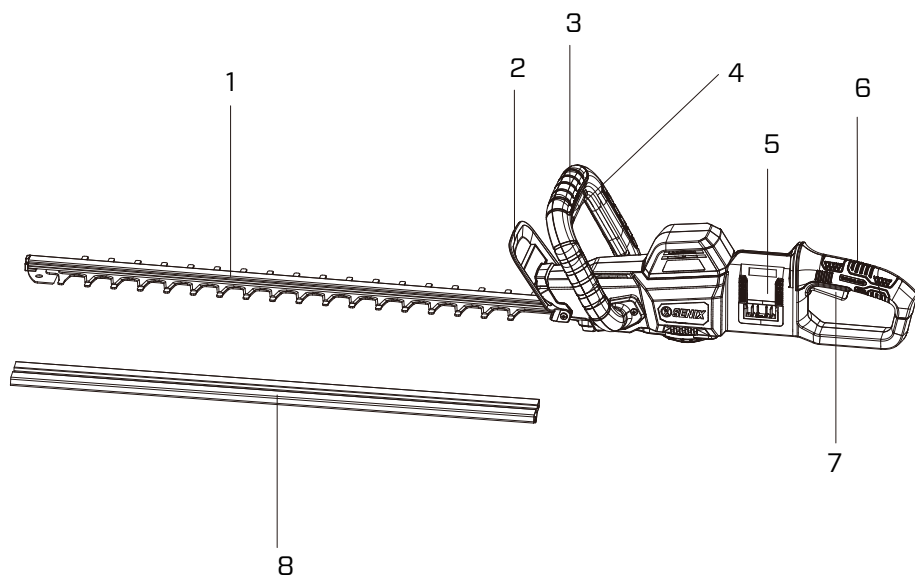
- Always be alert when using this product, so that you can recognize and handle risks early. Fast intervention can prevent serious injury and damage to property.
- Switch off the product and remove the battery pack if there are malfunctions. Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

## SAVE THESE INSTRUCTIONS

## INTENDED USE

This cordless hedge trimmer is intended for cutting and trimming hedges and bushes in domestic areas. It is not intended to be used for cutting above shoulder level. Do not use it for other purpose.

## KNOW YOUR UNIT



### APPLICATIONS

Model: HTX2-M3-EU

As a cordless hedge trimmer:

Cutting and trimming hedges and bushes in domestic areas.

|   |                      |
|---|----------------------|
| 1 | Blade Assembly       |
| 2 | Hand Guard           |
| 3 | Front Handle         |
| 4 | Front Switch Trigger |
| 5 | Battery Docking Port |
| 6 | Rear Handle          |
| 7 | Rear Switch Trigger  |
| 8 | Blade Sheath         |

## SPECIFICATIONS\*

| Model                             | HTX2-M3-EU                                                                                         |
|-----------------------------------|----------------------------------------------------------------------------------------------------|
| Input Voltage                     | 36 V  (40 V Max*) |
| Rated Output Power                | 350 W                                                                                              |
| No-Load Speed                     | 3400 SPM                                                                                           |
| Blade Length                      | 600 mm                                                                                             |
| Cutting Length                    | 540 mm                                                                                             |
| Maximum Cutting Capacity          | 25.4 mm                                                                                            |
| Sound Level $L_{PA}$ and K        | 85 dB(A),<br>K=3 dB(A)                                                                             |
| Sound Level $L_{WA}$ and K        | 92.6 dB(A),<br>K=3 dB(A)                                                                           |
| Guaranteed sound level            | 96 dB(A)                                                                                           |
| Vibration total level $a_h$ and K | 2.32 m/s <sup>2</sup> ,<br>K=1.5 m/s <sup>2</sup>                                                  |
| Recommended Operating Temperature | -15°C - 40°C                                                                                       |
| Recommended Storage Temperature   | -20°C - 70°C                                                                                       |
| Weight (Tool Only)                | 2.9 kg                                                                                             |

\*40V Max battery, maximum initial battery voltage (measured without a workload) is 40V. The nominal voltage is 36V.



### NOTE:

Only use the following batteries: B20X2, B25X2, B40X2, B50X2, B80X2 and chargers: CHX2, CHQX2, CHQX2-M-EU, CHDX2-M-EU.

## ASSEMBLY

1. Unpack all parts and lay them on a flat, stable surface:
2. Remove all packing materials and shipping devices, if applicable.
3. The scope of delivery varies depending on the country and purchased variant.

- Hedge Trimmer x1
  - Blade Sheath x1
  - Instruction manual x1
4. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
  5. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.



### WARNING!



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling.



Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product!  
Do not insert the battery pack before the power tool is completely assembled or adjusted!



### WARNING!

The hand guard shall never be removed during use. Once damaged, replace it immediately by a qualified service technician.



### WARNING!

The cordless hedge trimmer has been shipped completely assembled. To use the product, you only need to install the battery packs.

## ATTACHING/DETACHING BATTERY PACK



### WARNING!

If any parts are broken or missing, do not attempt to attach the battery packs to the tool or operate the tool until the broken or missing parts are replaced. Failure to do so could result in serious injury.



### WARNING!

Charge the battery packs before first use.

#### To install:

Align and slide the battery packs into the docking ports until they are locked in place.

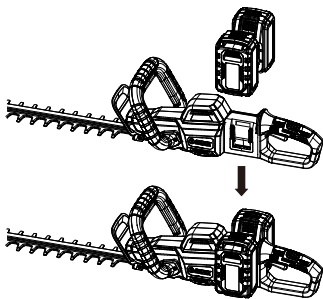


Fig. 1

#### To remove:

Press the battery-release button on each battery pack and slide the battery packs out



#### NOTE:

Refer to the manuals for the charger and battery pack for more details about how to charge the battery pack and other information.

## OPERATION



### WARNING!

Before use of this product, familiarize yourself with all operating features and safety rules.



### WARNING!

Keep hands away from blades. Do not reach underneath work or around or over the blade while blade is moving. Do not attempt to remove cut material when blade is moving.

## BEFORE OPERATION

1. Check the hedge trimmer and replace any parts that are cracked, warped, bent, or damaged in any way.
2. Inspect the working area and remove all debris and objects that product may throw during cutting.
3. Always inspect hedges and bushes for foreign objects (e.g., wire fences, hidden wiring) before operation. Foreign objects may damage the equipment or cause severe hazards.
4. Remove the blade sheath before operation.
5. Always lubricate the cutting blade with protective spray before use and storage.
6. Keep the handles dry and free from lubricant to ensure safe holding.
7. Ensure that the air vents are always

unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.

## STARTING/STOPPING THE HEDGE TRIMMER

Before operating, remove the blade sheath and insert the battery packs.



### WARNING!

Always hold the trimmer with both hands while operating. Keep one hand on the rear handle and the other on the front handle. Then check for balanced footing, upright standing and a proper cutting distance.



### WARNING!

Always keep both hands on the hedge trimmer handles. Never hold shrubs with one hand and operate the hedge trimmer with the other. Failure to heed this warning may result in serious injury.

#### To start:

Grasp the front switch trigger with one hand and the rear switch trigger with the other hand.

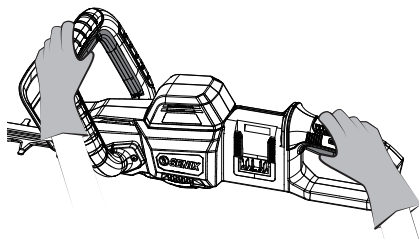


Fig. 2

#### To stop:

Release either of the switch triggers to stop it.

## DURING OPERATION



### WARNING!

Never cut near electric cords or lines. If blade jams on any electrical cord or line, DO NOT TOUCH THE BLADE! IT CAN BECOME ELECTRICALLY LIVE AND VERY DANGEROUS. Continue to hold the hedge trimmer by the insulated rear handle or lay it down and away from you in a safe manner. Disconnect the

electrical service to the damaged line or cord before attempting to free the blade from the line or cord. Contact with the blade, other conductive parts of the hedge trimmer, or live electric cords or lines will cause serious personal injury.

1. Stand in the operating position. Stand up straight. Do not bend over. Keep feet apart and firmly planted.
2. Hold the hedge trimmer with your right hand on the rear handle and your left hand on the front handle.
3. Run the machine to the top speed before cutting.
4. Move the hedge trimmer left and right, keeping it well away from the body.
5. Position yourself so that you will not be drawn off balance by the kickback reaction of the cutting blade.
6. Avoid glass, rocks, stones, concrete, fencing, wire, wood, metal, walls and other objects which can cause blade thrust or break the blade.
7. Avoid trimming too much at one time or through the heavy shrubbery. This can cause the blades to bind and slow, reducing the cutting efficiency.
8. Do not stand on a ladder or other support while using hedge trimmer. Maintain a firm footing and balance during operation.
9. Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.
10. When blockage happens, stop the machine and remove the battery. Then remove any grass that may have wrapped itself around the motor shaft or the blade.
11. Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.

## AFTER OPERATION

1. To prevent accidental starting that could cause serious personal injury, always remove the battery packs from the tool when not in use.
2. To prevent blockage, keep the blade clean. Remove grass clippings, leaves, dirt and any other accumulated debris before and after each use.



### NOTE:

When the blade becomes dull or both edges of the blade are dull, please have it sharpened by a qualified service technician or replace it with a new one if necessary.

## MAINTENANCE



### WARNING!

Always switch the product off, remove the battery pack and let the product cool down before performing cleaning and maintenance work! Always wear protective gloves to reduce the risk of injury.



### WARNING!

Only perform cleaning and maintenance work according to these instructions! All further works must be performed by a qualified specialist!



### WARNING!

When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.

## LUBRICATING THE BLADE



### WARNING!

Allow the blades come to a complete stop and remove the battery pack before lubricating.

If you will not be using the hedge trimmer for an extended time, it is advisable to oil the blade periodically.

- If the upper blades are aligned completely with the lower ones, start the hedge trimmer and then stop it to offset the blades before lubrication.
- Stop the hedge trimmer. Remove the battery pack from the product.
- Lay the hedge trimmer on a flat surface and apply light weight machine oil along the edge of the top blade.

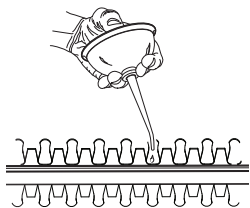


Fig. 3



## NOTE:

For easier operation and longer blade life, lubricate the hedge trimmer blade before and after each use.

## CLEANING

- Switch the product off, pull out the battery packs from the product.
- Use a soft brush to remove debris from air vents and cutting blade.
- Wipe the surface with a dry cloth.
- Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic. Wipe off any moisture with a soft cloth.

## TRANSPORTATION

- Always place the blade sheath on the blade before transporting the hedge trimmer. Use caution to avoid the sharp teeth of the blade.
- Always carry the product by its handle.
- Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
- Secure the product to prevent it from slipping or falling over, damage or injury.

## STORAGE

- Clean the product as described above.
- Keep away from corrosive agents such as garden chemicals and deicing salts.
- Store the product and its accessories in a dark, dry, frost-free, well-ventilated place.
- Keep out of reach of children or pets. The ideal storage temperature is between 32°F - 77°F (0°C - 25°C).
- It is best to store the battery pack and the charger in an ambient temperature between 50°F - 78.8°F (10°C - 26°C)

- We recommend using the original package for storage or covering the product with a suitable cloth or enclosure to protect it against dust.

## DISPOSAL



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

# TROUBLESHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

| PROBLEM                            | POSSIBLE CAUSE                                            | SOLUTION                                                                                                                        |
|------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Product does not start.            | Battery packs not properly attached.                      | Attach properly.                                                                                                                |
|                                    | Battery packs discharged.                                 | Remove and recharge battery packs.                                                                                              |
|                                    | Battery packs damaged.                                    | Replace with new ones.                                                                                                          |
|                                    | The hedge trimmer is too hot.                             | Release both switch triggers and allow the trimmer to cool.                                                                     |
|                                    | The two switch triggers are not depressed simultaneously. | Depress the switch triggers on the front and rear handle simultaneously.                                                        |
|                                    | The blade is jammed.                                      | Remove the battery packs from the tool, remove the obstruction carefully, then reinsert the battery packs and restart the tool. |
| Product does not reach full power. | Battery packs discharged.                                 | Charge battery packs.                                                                                                           |
|                                    | Air vents are blocked.                                    | Clean the air vents.                                                                                                            |
| Unsatisfactory result.             | Damaged or worn blade.                                    | Replace with a new one.                                                                                                         |
| Excessive vibration or noise.      | Dry or corroded blade.                                    | Lubricate the blades, following the section "LUBRICATING THE BLADE" in this manual.                                             |
|                                    | Blade is bent.                                            | Replace with a new blade. Contact an authorized service center for blade replacement service.                                   |
|                                    | Bent or damaged teeth.                                    | Replace with a new blade. Contact an authorized service center for blade replacement service.                                   |
|                                    | Blade bolts loosen.                                       | Tighten the blade bolts. Using a wrench, turn the bolt clockwise to tighten.                                                    |