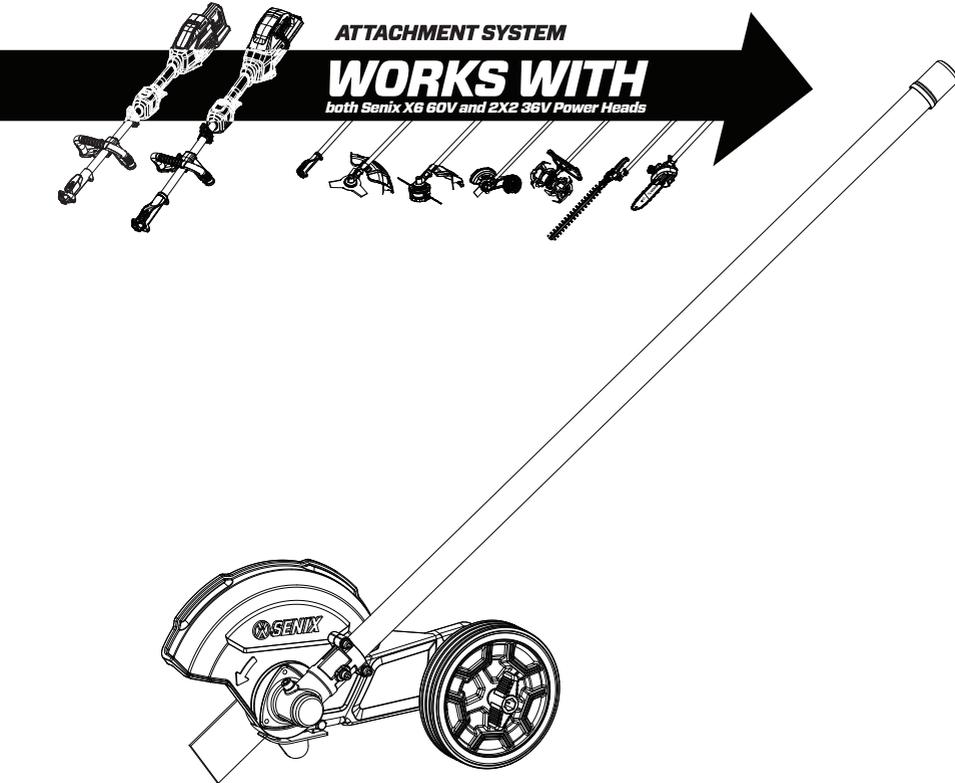




## EDGER ATTACHMENT



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

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

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**WARNING** – The distance between the machine and bystanders shall be at least 15 m (50 ft).



RCM Mark

# 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.



Wear head protection.



Wear hand protection.



Wear slip-resistant footwear.



Do not expose to rain.



**WARNING** – Beware of thrown objects.



**WARNING** - Disconnect all batteries before maintenance.

# SAFETY INSTRUCTIONS

## IMPORTANT SAFETY WARNINGS



### WARNING!

**WHEN USING ELECTRIC GARDENING APPLIANCES, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, AND PERSONAL INJURY, INCLUDING THE FOLLOWING:**

## READ ALL INSTRUCTIONS

- a. **Avoid Dangerous Environment** – Don't use appliances in damp or wet locations.
- b. **Don't Use In Rain.**
- c. **Keep Children Away** – All visitors should be kept at a distance from work area.
- d. **Dress Properly** – Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- e. **Use Safety Glasses** – Always use face or dust mask if operation is dusty.
- f. **Use Right Appliance** – Do not use appliance for any job except that for which it is intended.
- g. **Avoid Unintentional Starting** – Don't carry plugged-in appliance with finger on switch. Be sure switch is off when plugging in.
- h. **Don't Force Appliance** – It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- i. **Don't Overreach** – Keep proper footing and balance at all times.
- j. **Stay Alert** – Watch what you are doing. Use common sense. Do not operate appliance when you are tired.
- k. **Store Idle Appliances Indoors** – When not in use, appliances should be stored indoors in dry, and high or locked-up place – out of reach of children.
- l. **Maintain Appliance With Care** – Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Inspect appliance cord periodically, and if damaged, have it repaired by an authorized service

- facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- m. **Check Damaged Parts** – Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.
  - n. **Replacement Parts** - When servicing use only identical replacement parts.
  - o. **Keep guards in place and in working order.**
  - p. **Keep blades sharp.**
  - q. **Keep hands and feet away from cutting area.**
  - r. **Don't grasp the exposed cutting blades or cutting edges when picking up or holding the appliance.**

## BATTERY EQUIPMENT USE AND CARE

- a. **Prevent unintentional starting. Ensure the power switch is in the off-position before connecting to battery pack, picking up or carrying the appliance.** Carrying the power equipment with your finger on the power switch or energizing the power equipment that has the power switch on may result in personal injury.
- b. **Turn off the power switch and remove the battery pack, if detachable, from the power equipment and/or activate any disabling device before clearing jammed material, making any adjustments, changing accessories, cleaning, or storing power equipment.** Such preventive safety measures reduce the risk of starting the power equipment accidentally.
- c. **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.
- d. **Use power equipment only with specifically designated battery packs.**

Use of any other battery packs may create a risk of injury and fire.

- e. **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.
- f. **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.
- g. **Do not use a battery pack or equipment that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- h. **Do not expose a battery pack or equipment to fire or excessive temperature.** Exposure to fire or temperature above 265 °F (130 °C) may cause explosion.
- i. **Follow all charging instructions and do not charge the battery pack or equipment 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.
- j. **Have servicing performed by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the product is maintained.
- k. **Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.**
- l. **Do not expose the battery pack to moisture or rain.** Exposure to moisture or rain may result in fire or electric shock.

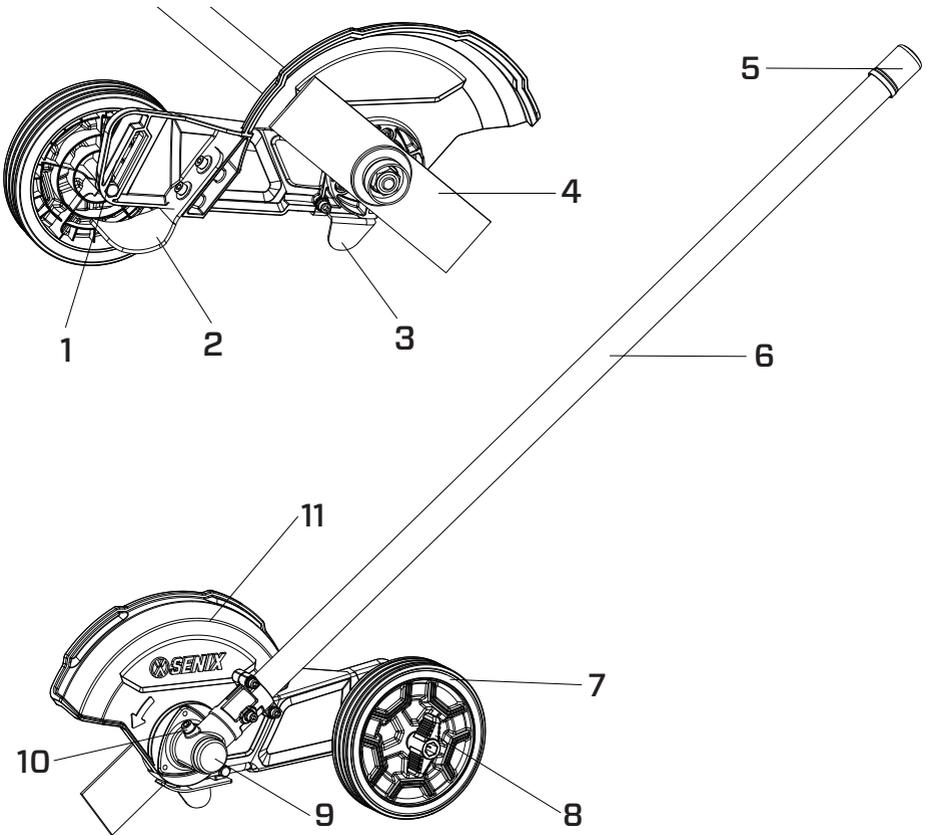
**NOTE: SEE YOUR POWER HEAD INSTRUCTION MANUAL FOR ADDITIONAL SPECIFIC SAFETY RULES.**

## **SAVE THESE INSTRUCTIONS**

### **INTENDED USE**

The attachment is only intended for edging around walkways, curbing, flower beds and other similar areas. Do not use it for other purposes.

# KNOW YOUR UNIT



## APPLICATIONS

Model: AET002/AET003

As an edger attachment, used for edging around walkways, curbing, flower beds and other similar areas.

1	Depth-adjusting Guide Bar
2	Debris Flap
3	Guide Plate
4	Blade
5	End Cap

6	Edger Shaft
7	Guide Wheel
8	Depth-adjusting Knob
9	Gear Case
10	Sealing Screw
11	Blade Guard

# SPECIFICATIONS

Model	AET002	AET003
No-Load Speed	4300 RPM (Max)	
Cutting Blade Diameter	20 cm	
Maximum Edging Depth	6.3 cm	
Guide Wheel Size	14 cm	
Cutting Blade Type	Steel	
Edger Shaft Material	Aluminum	Carbon Fiber
Recommended Operating Temperature	-15°C-40°C	
Recommended Storage Temperature	-20°C-70°C	
Weight (Tool Only)	2.0 Kg	1.9 Kg
Power Head Matched	PHX2-M-EU PHX6-M-EU	PHX6-M1-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.
  - Edger Attachment x1
  - Hex Wrench x1
  - Socket Wrench 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!

## CONNECTING THE EDGER ATTACHMENT TO THE POWER HEAD

See "INSTALLING /REMOVING AN ATTACHMENT" section in the power head PHX2-M-EU/PHX6-M-EU/PHX6-M1-EU instruction manual.

# REMOVING THE ATTACHMENT FROM THE POWER HEAD

See “INSTALLING /REMOVING AN ATTACHMENT” section in the power head PHX2-M-EU/PHX6-M-EU/PHX6-M1-EU instruction manual.

## OPERATION

### **WARNING!**

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

### **WARNING!**

Inspect the tool for complete installation. Any missing ,damaged or misplace may cause serious injury.

To reduce the risk of injury to persons, do not operate without guards in place.

Wear eye and ear protection, gloves, long trousers and boots at all times while operating the power tool.

## BEFORE OPERATION

1. Check the blade, blade guard, and front handle and replace any parts that are cracked, warped, bent, or damaged in any away.
2. Check if the attachment is well mounted. If not, rotate the attachment shaft until it snaps into place.
3. Inspect the working area and remove all debris and objects that product may throw during cutting.

## ADJUSTING THE CUT DEPTH

1. Remove the battery pack from the power head.
2. Adjust the guide wheel so that the blade just touches the ground or breaks the surface of the soil.

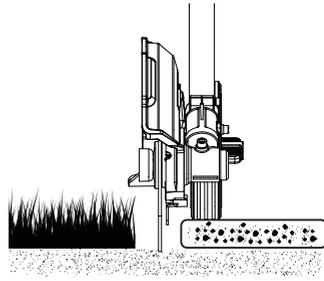


Fig.1

3. Loosen the depth-adjusting knob until you can move the guide wheel up or down easily.

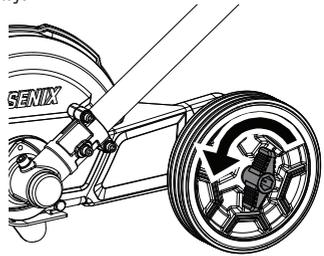


Fig.2

4. Move the guide wheel to ideal position along the depth-adjusting guide bar. Move up to increase the depth of cut or move down to decrease the depth.

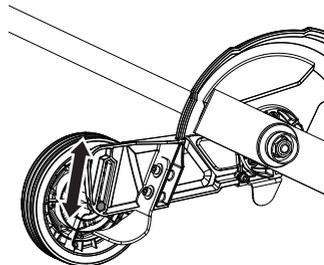


Fig.3

5. Tighten the wing nut securely. Then check the depth of cut again and correct it if necessary.

## SWITCHING ON/OFF

See “SWITCHING ON/OFF” section in the power head PHX2-M-EU/PHX6-M-EU/PHX6-M1-EU instruction manual.

## DURING OPERATION

1. Stand in the operating position. Stand up straight. Do not bend over. Keep feet apart and firmly planted.
2. Hold the edger with your right hand on the rear handle and your left hand on the front handle. Hold the edger at a comfortable position with the rear handle at about hip height.
3. Operate the edger vertically at a normal and steady walking pace. Always walk forward when cutting and move the edger forward.



Fig. 4

4. Slow your pace in case of cutting too fast causing the blade to bog down.
5. Use the sight line to line the blade up with the edge of the bed.

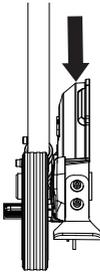


Fig. 5

6. Do not force the blade into the ground.
7. Avoid glass, rocks, stones, concrete, fencing, wire, wood, metal, walls and other objects which can cause blade thrust or break the blade.



### NOTE:

Avoid edging in wet soil or wet grass areas or the blade guard might clog and result in

an uneven edge. If the blade guard becomes clogged, stop the motor, remove the battery pack, and remove debris from the blade guard.

## AFTER OPERATION

1. Clean the edger after each use.
2. Replace the blade regularly to maintain full cutting width and performance.
3. To prevent blockage, keep the blade clean. Remove grass clippings, leaves, dirt and any other accumulated debris before and after each use.
4. When blockage happens, stop the edger and remove the battery. Then remove any grass that may have wrapped itself around the motor shaft or the blade.

## MAINTENANCE



### WARNING!

Remove the battery pack from the power head, and then disconnecting the attachment from power head before performing cleaning, transporting, storing and other maintenance work!

Only perform cleaning and maintenance work according to these instructions! Any additional maintenance or repairs must be performed by a qualified specialist using genuine replacement parts.

Always wear protective gloves to reduce the risk of injury.

## REPLACING THE BLADE



### WARNING!

A worn, cracked, or damaged blade can break and pieces of the damaged blade can become dangerous projectiles. Thrown objects can cause serious injury.

Inspect the blade regularly and do not operate the edger with a worn or damaged blade.

Use eye protection and protective gloves while removing and installing the blade.

- Rotate the outer flange to align the slot in the inner flange with the shaft-locking hole in the gear case.
- Insert the hex wrench into the aligned holes to act as a stabilizer.

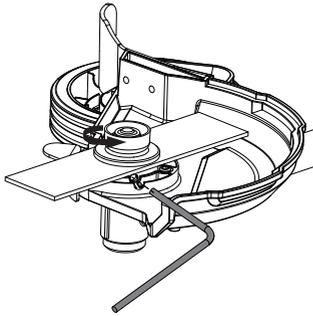


Fig. 6

- Position the gear case against a solid surface for support. Loosen the nut in clockwise direction with Socket Wrench.

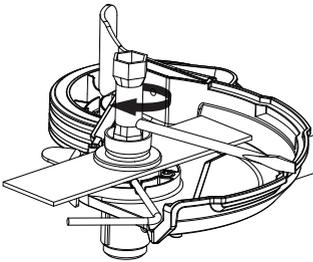


Fig. 7

- Remove the nut, outer flange and worn blade.

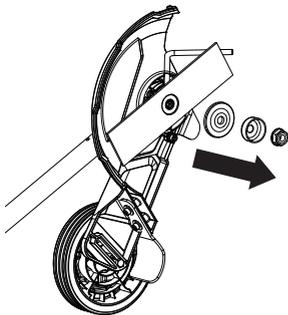


Fig. 8

- Mount the new blade onto the motor shaft, ensuring that the surface of the blade is flush with the surface of the inner flange bulge.
- Re-install the outer flange and the nut. Pre-tighten the nut in counterclockwise direction by hand.

- Tighten the nut in counterclockwise direction with Socket Wrench. Remove the hex wrench (stabilizer).

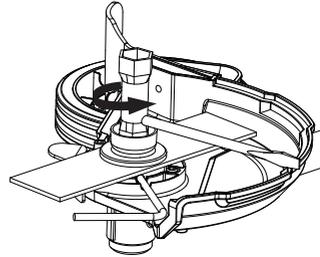


Fig. 9



## 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.

## CLEANING

- Wipe the machine surface with a cloth. It is highly suggested that you clean the device after each use.
- Keep the blade and blade guard free of debris, clogged soils and grass after each use.
- Dry the cutting blade to prevent rust. Keep the blade sharp to retain a good cutting performance.
- Keep the air vents free of obstructions. Use a small brush or a small vacuum cleaner to clean the air vents on the rear housing.



## NOTE:

Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic.

## TRANSPORTATION

- Clean the unit as described above before transportation.
- Cover the blade to avoid personal injury during transporting.
- Secure the product to prevent it from slipping or falling over.
- Protect the product from any heavy impact or strong vibrations which may occur

during transportation in vehicles.

## STORAGE

- Clean the unit as described above before storage.
- Store the product and its accessories in a dark, dry, frostfree, well-ventilated place. The ideal storage temperature is between 50°F (10°C) and 86°F (30°C).
- Do not store the product under sunlight and accessible to children.
- Make sure the product is always protected from cold and humidity.
- Protect your unit from dust by a suitable cover.

## 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 pack not properly attached.	Remove from product and reattach.
	Battery pack power too low.	Remove and charge battery pack.
	Battery pack damaged.	Have the product repaired by a qualified service.
	Safety switch is not turned on.	Refer to chapter "SWITCHING ON/OFF".
Product does not reach full power.	Battery pack power too low.	Remove and charge battery pack.
	Excessive wearing of motor fan.	Have the product repaired by a qualified service.
Uneven edge.	Grass or oil edged is too wet.	Avoid edging in wet soil or wet grass.
	Blade guard is clogged.	Stop the motor, remove the battery pack, and remove debris from the blade guard.
Excessive vibration or noise.	Cutting system damaged.	Have the product repaired by a qualified service.
	Nuts/screws are loose.	Tighten nuts/screws.
Product suddenly stops.	Battery pack power too low.	Remove and charge battery pack.
	Battery/power head too hot.	Remove battery pack and let the tool cool down.
	Battery pack is disconnected from the machine.	Re-install the battery pack.