

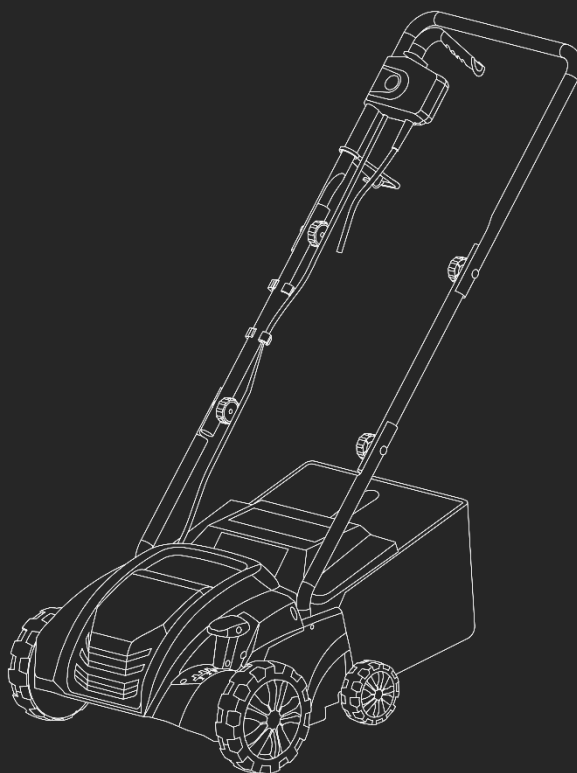
**HYUNDAI**  
POWER PRODUCTS

# 1500W Artificial Grass Sweeper HYSW1500E

Instruction Manual



GENUINE PRODUCT OF  
HYUNDAI CORPORATION



WARNING: Read the instructions carefully before use.

Iss:Nov/24

# Contents

<b>Introduction.....</b>	<b>3</b>	<b>Specifications.....</b>	<b>44</b>
<b>Safety Information.....</b>	<b>4-14</b>	<b>Recycling &amp; Disposal.....</b>	<b>45</b>
Understand Your Machine.....	4	<b>Declaration Of Conformity.....</b>	<b>46</b>
Personal Safety.....	4-5	<b>Useful Information.....</b>	<b>47</b>
Inspect Your Machine.....	5	Our YouTube Channel.....	47
Work Area.....	6	Warranty.....	47
During Use.....	7	Manual Updates.....	47
Batteries.....	8	Returning Your Product.....	47
Electricity.....	8-9	Leaving A Review.....	47
Double Insulated Devices.....	9	Ordering Spare Parts.....	47
Vibrations.....	10	<b>Product Record.....</b>	<b>48</b>
Noise.....	10	<b>Contact Us.....</b>	<b>49</b>
Residual Risks.....	10	<b>Notes.....</b>	<b>50-51</b>
Intended Use.....	11		
Personal Protective Equipment.....	12		
Symbols On The Machine.....	13		
<b>Unboxing.....</b>	<b>14</b>		
<b>In The Box.....</b>	<b>15-16</b>		
<b>Features.....</b>	<b>17-18</b>		
<b>Assembly.....</b>	<b>19-27</b>		
Lower Handles.....	19-21		
Upper Handle & Switch Module ...	22-23		
Cable Management.....	24		
Collection Box Assembly.....	25		
Attaching Collection Box.....	26-27		
<b>Operation.....</b>	<b>29-33</b>		
Lawn Preparation.....	29		
Working Direction.....	29		
Self Propulsion.....	29		
Sweeping near walls & edges.....	29		
Tips & Tricks.....	30		
Height Adjustment.....	31		
Starting & Stopping.....	32		
Changing Cartridge.....	33		
<b>Maintenance &amp; Care.....</b>	<b>34-24</b>		
General Maintenance.....	34		
Transportation.....	34		
Storage.....	34		
Cleaning.....	35		
The Cartridge.....	35		
Replacement Parts/Spares info.....	36-43		

# Introduction

## Thank You For Purchasing Your HYUNDAI Product

We work very hard to give all of our customers the best possible service. If you have any problems, before leaving negative feedback, please contact us to give us a chance to resolve the issue. We would be delighted if you left us positive feedback! Thank you for purchasing this product.

### Important!



**WARNING: READ THE INSTRUCTION BOOKLET THOROUGHLY BEFORE USING THE MACHINE.** Keep for future reference and pass it on if the machine is loaned or sold to another user.

This manual has been produced by Hyundai Power Products and should be kept with the product. Please read and understand these instructions before you use your product. Failure to do this may result in personal injury or damage to the product.

The safety precautions and warnings are to ensure your safety and protect you from harm or damage to the product.

The information contained in this manual was accurate at the time of production, however HYUNDAI Power Products may make modifications to the product without notification.

# Safety Information

## **Understand Your Machine**

- **WARNING!** You must read these instructions carefully before operating the machine. Make sure that you are familiar with the controls and properly operate the machine. You must learn how to stop the machine quickly. If you do not follow the warnings and instructions, it may result in fire and/or serious injury. Make sure to save all warnings and instructions for future reference.
- Read this manual and labels affixed to the machine to understand its limitations and potential hazards.
- Be thoroughly familiar with the controls and their proper operation. Know how to stop the machine and disengage the controls quickly.
- If the unit is to be used by someone other than original purchaser, or is to be loaned, rented, or sold, always provide this manual and any needed safety training before operation. The user can prevent and is responsible for accidents or injuries that may occur to themselves, to other people, or to property.
- Do not force the machine beyond its limits. Use the correct machine for your application.
- Know how to stop the machine quickly in case of emergency. Understand the use of all controls.
- ALL MAINTENANCE other than that listed in this manual, should be carried out by professionally trained and certified personnel.
- When using this machine for the first time and before actual work, you **MUST** learn how to handle the machine from an experienced or skilled person.

## **Personal Safety**

- **WARNING!** Never allow children or people unfamiliar with these instructions to use the product. Local regulations can restrict the minimum age of the operator.
- Keep children, pets, and other people not using the unit away from the work area (at least 15m). Be alert and shut off the unit if anyone enters work area. Keep children under the watchful care of a responsible adult.
- Stay alert, watch what you are doing and use common sense when operating the machine. Never operate the machine when unwell or tired, or if you have taken alcohol, medicine, drugs or any substances which may slow your reflexes and compromise judgment. A moment of inattention while operating the machine may result in serious personal injury.
- Appropriate Personal Protective Equipment (PPE), **MUST** be worn at all times when operating or repairing the machine. Always wear anti-slip and resistant work footwear and long trousers while using the machine. Do not use the machine when barefoot, wearing sandals or similar lightweight footwear. Do not wear chains, bracelets or clothing that is loose fitting or hanging ties or cords. Tie long hair back. Always wear protective earplugs. Loose clothes, jewellery, or long hair can be caught in moving parts. Protect eyes, face, and head from objects that may be thrown from the unit. Always wear safety goggles or safety glasses with side shields when operating.
- Always keep hands and feet away from all moving parts during operation. Moving parts can cut or crush body parts. Always keep hands and feet away from all pinch points.

# Safety Information

## **Personal Safety (Continued)**

- Do not touch parts that might be hot from operation. Allow parts to cool before attempting to maintain, adjust, or service.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations. Extending your body too far can result in a loss of balance and you may fall which will result in injury.
- Never place any part of your body where it would be in danger if movement should occur during assembly, installation, and operation, maintenance, repairing or moving.
- Keep in mind that the operator or user is responsible for accidents, hazards or unexpected events involving the machine that occur to other people or their property. It is the responsibility of the user to assess the potential risk of the area where work is being carried out. The operator or user must take all necessary precautions to ensure their own safety and that of others, especially on slopes or rough, slippery and unstable ground.

## **Inspect Your Machine**

- Check your machine before starting it. Keep guards in place and in working order. Make sure all nuts, bolts, etc., are securely tightened.
- You must check the general condition of the machine before use.
- Never operate the machine when it is in need of repair or is in poor mechanical condition. Replace damaged, missing, or failed parts before using it. Keep the machine in safe working condition.
- Do not use the machine if the machine's switch does not turn off the machine when running. Any machine that can't be controlled with the switch is dangerous and must be replaced.
- Regularly check to see that keys and adjusting wrenches are removed from the machine area before starting it. A wrench or a key that is left attached to a rotating part of the machine may result in personal injury.
- If the machine should start to vibrate abnormally, stop the machine and check immediately for the cause. Vibration is generally a warning sign of trouble.
- Avoid accidental starting. Be sure the switch is off before transporting the machine or performing any maintenance or service on the unit. Transporting or performing maintenance or service on a machine with its switch on invites accidents.
- Do not tamper with or disable safety systems.
- Only use manufacturer-recommended attachments.
- Before using, always visually inspect to see that the tools are not worn out or damaged. Replace worn out or damaged elements and bolts in set to preserve balance.
- Keep the machine in good operating condition. Operating the machine in poor or questionable condition could result in serious injury.
- Be sure all safety devices are in working order and warning labels are in place. These items are installed for your safety.

# Safety Information

## Work Area

- You must only work in daylight or with good artificial light in good visibility conditions. Do not work at night, at times of heavy fog, or at any other times when your field of vision might be limited and it would be difficult to gain a clear view of the area.
- Keep people, children and animals away from the working area.
- Operate on flat, level ground.
- DO NOT work on wet ground. If there has been heavy rain on the working site, wait until the ground has dried up.
- Never park the machine in a place with unstable ground which could give way.
- You must be careful near ravines, ditches or embankments.
- Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.
- Do not work in the rain, when there is a thunderstorm or lightning risk, at times of strong or gale force winds, or at any other times when the weather conditions might make it unsafe to use this product. If there is bad weather conditions, do not use the machine.
- Any liquid spilled on the floor may result in you slipping.
- DO NOT operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools may create sparks, which may ignite the dust or fumes.

# Safety Information

## During Use

- Do not operate the machine in confined areas where there may be a risk of squeezing/pinching the operator between the machine and another object.
- Never attempt to make any adjustments, while the machine is running.
- You must switch off the machine:
  - Before checking or working on the machine.
  - When transporting the machine.
  - Whenever you leave the machine unattended.
  - If the machine starts to vibrate abnormally.
- **WARNING!** If something breaks or an accident happens whilst working, you must turn off the machine immediately and move the machine away to prevent further damage. If an accident happens with injuries or third parties are injured, carry out the first aid measures most suitable for the situation immediately and contact the medical authorities for any necessary health care. Carefully remove any debris that might cause damage or harm persons or animals should it not be seen.
- Never operate the machine without the defective guards or shields, or without safety devices, or if the cord is damaged or worn.
- Always make sure that the power cord is not in the way of your work.

# Safety Information

## Batteries (Where Present)

Batteries present a risk if they become damaged by the possible leaking of electrolyte. This electrolyte is an acid and can cause serious burn injuries. Care should be taken when working on or near them. **NOTE:** the electrolyte may be in a liquid or gel form.

Should you come in to contact with electrolyte you should;

- Remove all clothing contaminated with electrolyte. If you cannot remove then saturate them in water.
- Get medical assistance as soon as possible.

You must advise the medical staff of the type of acid.

- Lead/acid battery = dilute sulphuric acid.
- Nickel/cadmium = potassium hydroxide alkali electrolyte.
- Use fresh running water to wash off excess electrolyte, continue this until medical assistance arrives. Make sure that you do not wash the electrolyte to another part of your body or face.
- If electrolyte comes in to contact with Eyes the electrolyte needs to be immediately washed away with large amounts of water. Make sure that you do not wash the electrolyte to another part of your face or body.
- Gasses from charging batteries are highly flammable and great care should be taken to charge in well ventilated areas.



- There is an explosion risk if the battery terminals are short circuited, when connecting/disconnecting ALWAYS exercise great care so that the terminals or battery leads are NOT allowed to touch and cause a spark. ALWAYS use suitable insulated tools.

## Electricity (Where Applicable)

**DANGER : ELECTRICITY CAN KILL – NEVER WORK ON LIVE / ENERGISED EQUIPMENT.**



- Prior to carrying out any maintenance work you MUST identify electrical isolation methods and isolate all electrical supplies.
- Prior to use and with all electrical supplies isolated, you MUST check all electrical cables, plugs and connectors for the following;
  - Are intact and have no signs of damage, to include but not limited to bare wires, chaffing, cuts and loose wiring.
  - If there are any signs of damage, the damaged item MUST be taken out of service until the damage has been repaired by an electrically competent person.
  - All trailing cables should be routed so as not to cause any kind of trip hazard.
  - NEVER work on or near electricity with wet hands, wet clothing and wet gloves.



# Safety Information

## Electricity (Continued)

- Power tools plug 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.
- DO NOT expose this power tool to rain or wet conditions. Water entering a power tool will increase the risk of electric shock. DO NOT abuse the power cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil and sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock. When operating a power tool, use a breaker cable cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **IMPORTANT:** Make sure that the electric circuit is fused, and that the power, voltage and frequency of the motor is supported by your mains supply. Also, make sure that your power supply is earthed. Connect your machine to earth. Never open the ON/OFF switchbox. However, if it should become necessary to do so, contact a qualified electrician. Make sure that you will never touch live contacts, specifically when you plug or unplug your machine. This machine and its power cord must never get into contact with water.
- 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.
- To prevent electric shock, use only with an breaker cable suitable for outdoor use. For additional protection, the installation of a residual current device (RCD) having a rated residual operating current not exceeding 30mA is advisable.
- Before use, check that the breaker cable is in good condition. When using an Breaker cable, make sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.
- Do not allow any part of the machine to make contact with water while it is in operation. If the appliance becomes wet while turned off, wipe dry before starting. Do not touch the appliance or its plug with wet hands or while standing in water. Wearing rubber boots offers some protection.
- Before use, check the supply and breaker cable for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. If the supply cord is damaged, it must be replaced by the manufacturer or a qualified person in order to avoid a hazard.

## Double-Insulated Appliances

In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means that it is already provided on a double-insulated appliance. Servicing a double-insulated appliance requires extreme care and knowledge of the system, and should be performed only by qualified service personnel. Replacement parts for a double-insulated appliance must be identical to the parts they replace.

# Safety Information

## **Vibrations (Where Applicable)**

- Prolonged use of hand held (operated) machines will cause the user to feel the effects of/from vibrations. These vibrations can lead to white finger (Raynaud's phenomenon) or carpal tunnel syndrome. This condition reduces the ability of the hand to feel and regulate temperature, causing numbness and heat sensations and may cause nerve damage and circulatory tissue death.
- Not all factors that lead to white finger disease are known, but cold weather, smoking and other diseases that affect blood vessels and blood circulation as well as large and long-lasting impact of shocks are considered factors in the formation of white finger. Note the following to reduce the risk of white finger and carpal tunnel syndrome;
- Wear gloves and keep your hands warm.
- Take regular breaks.
- All of the above precautions may help reduce the risk of white finger disease but not rule out the carpal tunnel syndrome. Long-term and regular users are therefore recommended to observe the condition of your hands and fingers. Seek medical attention immediately if any of the above symptoms should occur.

## **Noise (Where Applicable)**

- The operating noise of the machine can damage your hearing. When wearing protection such as earplugs or ear defenders to protect your hearing. Long-term and regular users are advised to have hearing checked regularly. Be especially vigilant and cautious when wearing ear protection because your ability to hear alarm warnings will be reduced.
- Noise emissions for this equipment is unavoidable. Carry out noisy work at approved times and for certain periods. Limit the working time to a minimum. For your personal protection and protection of people working nearby it is also advisable for them to wear hearing protection.



- See Certificate of Conformity section for Outdoor Noise declaration of conformity.

## **Residual Risks**

Even when tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

1. Damage to lungs if an effective dust mask is not worn.
2. Damage to hearing if effective hearing protection is not worn.

Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.

# Safety Information

## **Intended Use**

The HYSW1500E is 1500W Artificial Grass Sweeper from HYUNDAI. The HYSW1500E has a 32cm working width, powered by a 1500W motor.

This machine is for DIY home and garden use, specifically pedestrian. The machine is manufactured according to the latest safety requirements. Every precaution is only effecting when it is followed exactly.

### **Intended Use**

This machine was designed and manufactured for brushing artificial grass, renewing flattened and matted artificial grass; separating the fibres. It also sweeps garden debris such as leaves and small twigs.

### **User Types**

This machine is intended for use by consumers, i.e. non professional operators. The machine is intended for “DIY” and domestic use only.

### **Improper Use**

Any other usage not in keeping with the above mentioned ones may be hazardous and harm persons and/or damage things. Examples of improper use may include, but are not limited to:

- Use for fine particulate debris i.e dust, sand, small rocks/pebbles
- Transporting people, children or animals on the machine.
- Using the machine to tow or push loads.
- Using the machine for large or heavy debris collection.
- Use of the machine by more than one person.

# Safety Information

## Personal Protective Equipment

**Appropriate Personal Protective Equipment (PPE), MUST be worn at all times when operating or repairing the machine. No protective equipment can ensure 100% protection.**

When selecting PPE, make sure it's CE marked and it suits the user in terms of size, fit, etc. If more than one item of PPE is worn at the same time, make sure they can be used together, e.g. wearing safety glasses may disturb the seal of a respirator, causing air leaks.



### **Hand Protection Must Be Worn**

Protective electrically non-conductive gloves are highly recommended when working.



### **Foot Protection Must Be Worn**

Non-skid heavy duty footwear are highly recommended when working.



### **Hearing Protection Must Be Worn**

Suitable safety hearing protection is recommended.



### **Eye Protection Must Be Worn**

Always wear safety glasses/goggles and/or face shields. Everyday eyeglasses have only impact resistant lenses; they are not safety glasses/goggles.



### **Protective Clothing Must Be Worn**

Do not wear loose clothing, gloves, scarfs, neckties or jewellery (rings, wrist watches), which can be caught in moving parts.



### **Head Protection Must Be Worn**

Wear a safety helmet with a safety visor.













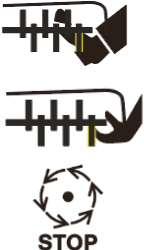


### **Face Shield Must Be Worn**

Wear a face shield to protect your face.

# Safety Information

## ⚠ Symbols On The Machine

We have provided safety messages in this manual and on the machine. This information alerts you to potential hazards that could hurt you or others. Please read these messages carefully. However, we may not have listed all of the possible hazards, you must also use your own judgement.

Symbol	Description	Symbol	Description
	Safety alert – Indicates a precaution, a warning or a danger.		Eye protection must be worn.
	Hand protection must be worn.		Read operator's manual.
	Foot protection must be worn.		Class II tools symbol.
	This product should not be disposed of in domestic waste. Please contact your local recycling centre for disposal service.		Sound power level LWA data in dB.
	This product complies with the European directives and an evaluation method of conformity for these directives was done.		The UKCA (UK Conformity Assessed) marking is a UK product marking that is required for goods being placed on the market in Great Britain (England, Wales and Scotland).
 	Danger! Rotating bristles – keep hands and feet away from moving parts.		Danger! Do not run over the cable.

# Unboxing

**⚠ WARNING :** Unboxing and assembling the machine should be done on a flat, surface with enough room. Disposal of the packaging should be done in accordance with the local regulations in force.

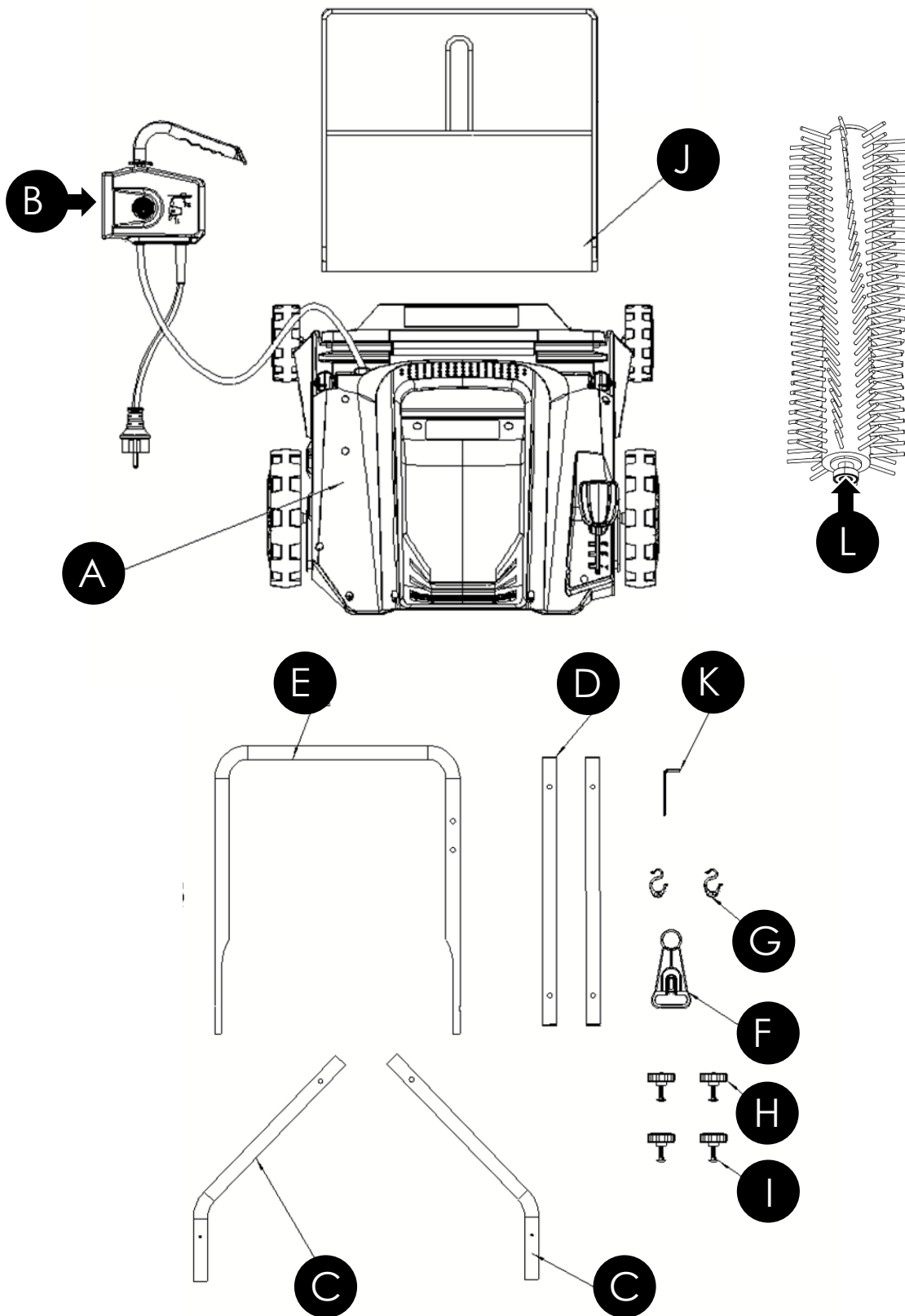
**⚠ WARNING :** Some of the packaging material may be harmful to children. Keep out of reach of children.

1. Carefully remove the product from the packaging and examine it for any sign of damage caused during shipping.
2. Lay the contents out and check them. If any part is damaged or missing, you must not use the machine. Contact HYUNDAI POWER PRODUCTS immediately.
3. You must keep the packaging material in case the machine needs to be returned or repaired.
4. Ensure that you have all the accessories and tools you need for assembly and operation including the suitable personal protective equipment.

**We recommend that you fill out the information in the 'Product Record' section. If you need to contact an authorised dealer or customer service, you may need to provide this information.**

# In The Box

\*Not To Scale



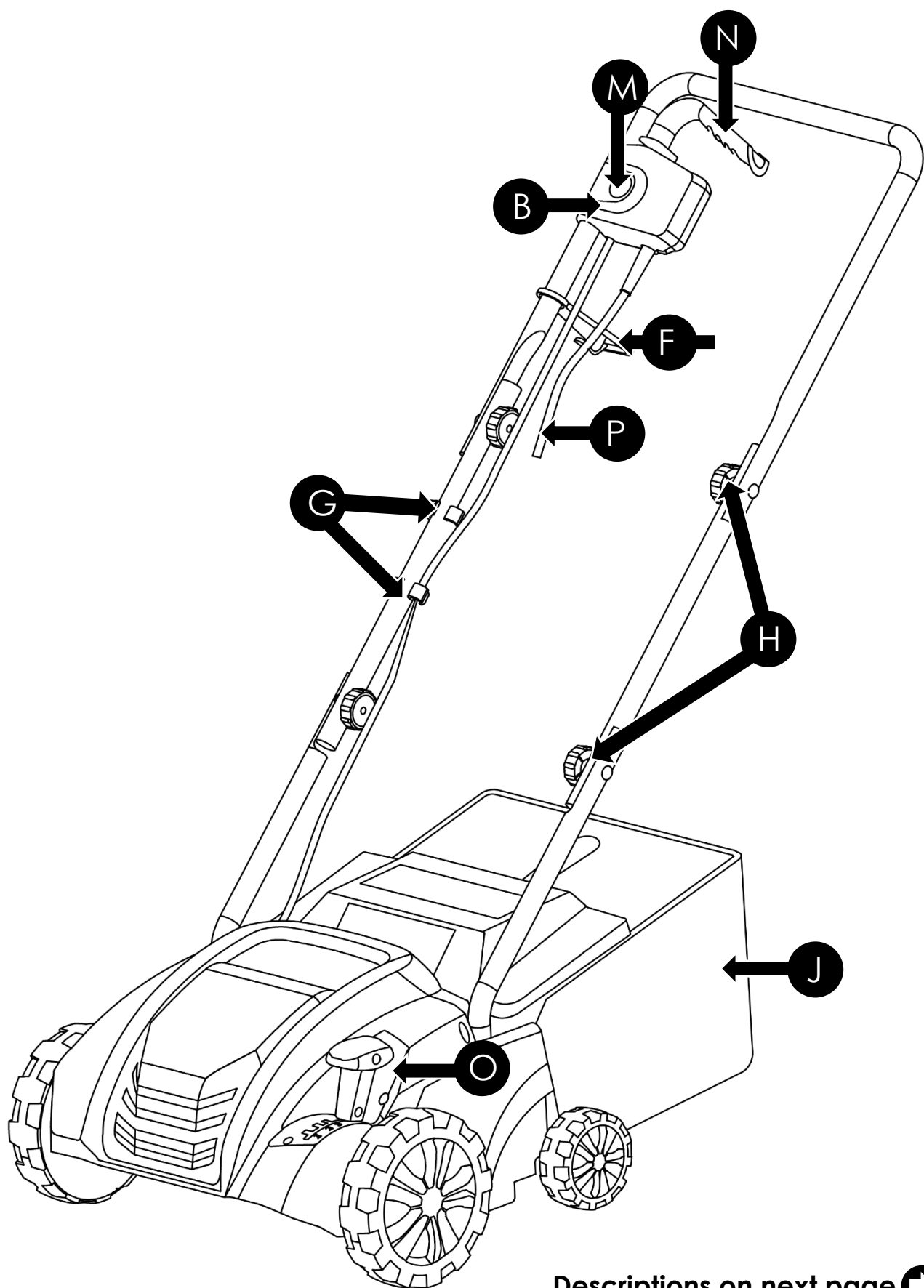
Descriptions on next page ➡

# In The Box

- A Machine Body**
- B Switch Module and Power Cable**
- C Lower Handles**
- D Middle Handles**
- E Upper Handle**
- F Cable Strain Reliever**
- G 2 x Cable Clips**
- H 4 x Hand Nuts**
- I 4 x Bolts**
- J Collection Box**
- K Hex Key**
- L Brush Cartridge (May already be installed to machine)**



# Features



Descriptions on next page ➡

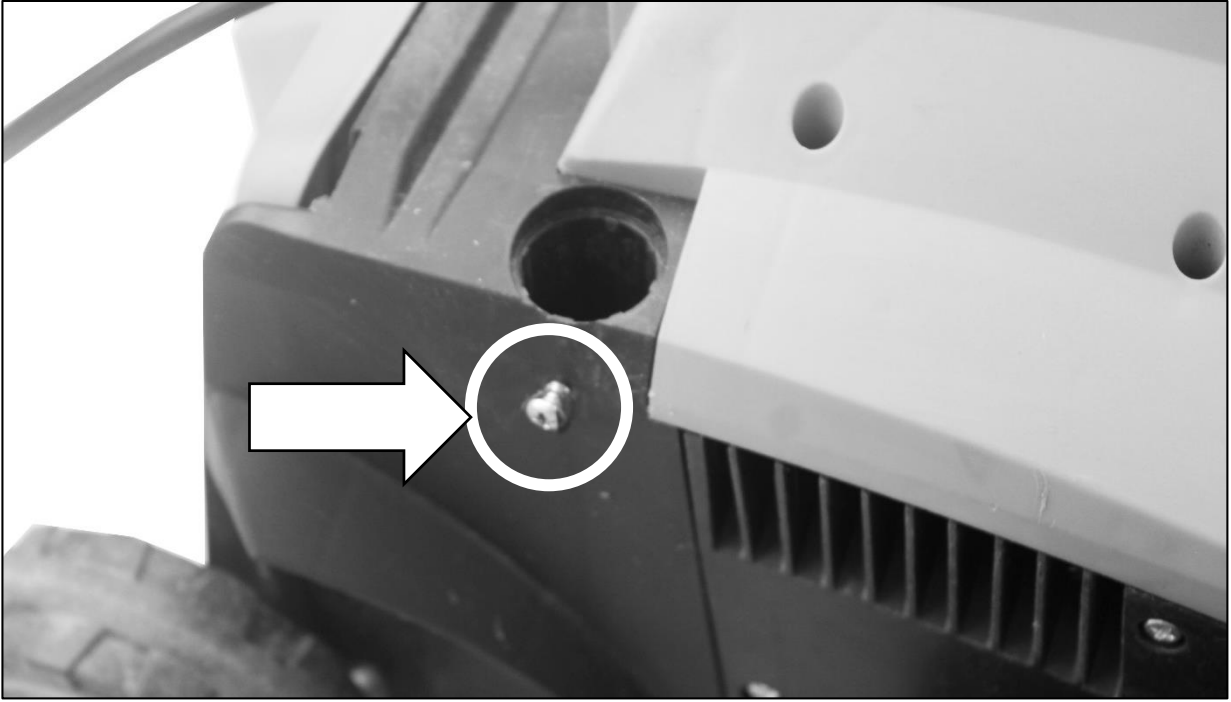
# Features

- B Switch Module**  
Contains the Safety Button and Trigger.
- F Cable Strain Reliever**  
Prevents damage to cable during operation.
- G Cable Clips**  
Secures the cable.
- H Hand Nut and Bolt**  
Used to secure the handles together.
- J Collection Box**  
Collects waste when operating.
- M Safety Button**  
Prevents the Machine being accidentally turned on.
- N On/Off Trigger**  
Starts and stops the machine.
- O Height Adjustment Lever**  
Changes the operation height.
- P Power Cable**  
Provides power to the machine.

# Assembly

## STEP 1 : Lower Handles

1. Remove the screws in the machine body.



2. Insert the lower handle into the slot of the machine body.

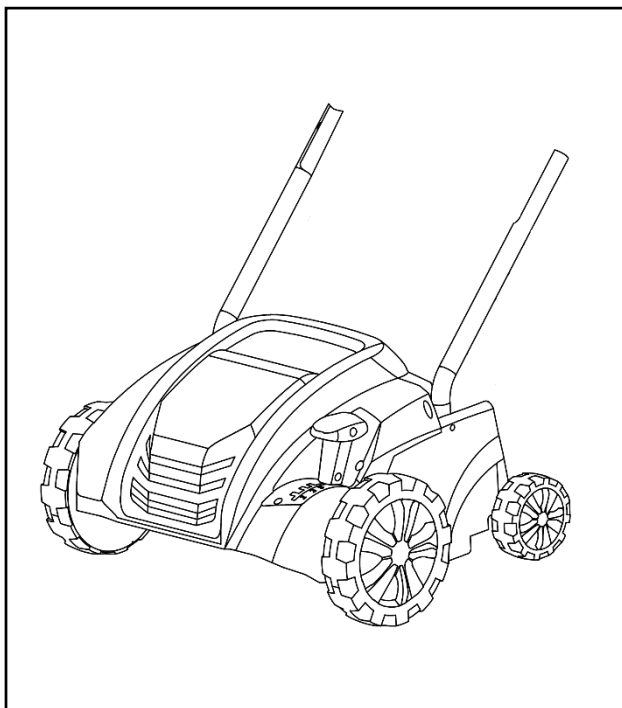


Continued on next page ➡

# Operation

## STEP 1 : Lower Handles (Continued)

3. Tighten the screw into the machine body to secure the lower handles. Repeat on both sides.



! If the screw doesn't secure the lower handle, ensure you have it the right way around, with the small hole facing outward.

# Assembly

## STEP 1 : Lower Handles (Continued)

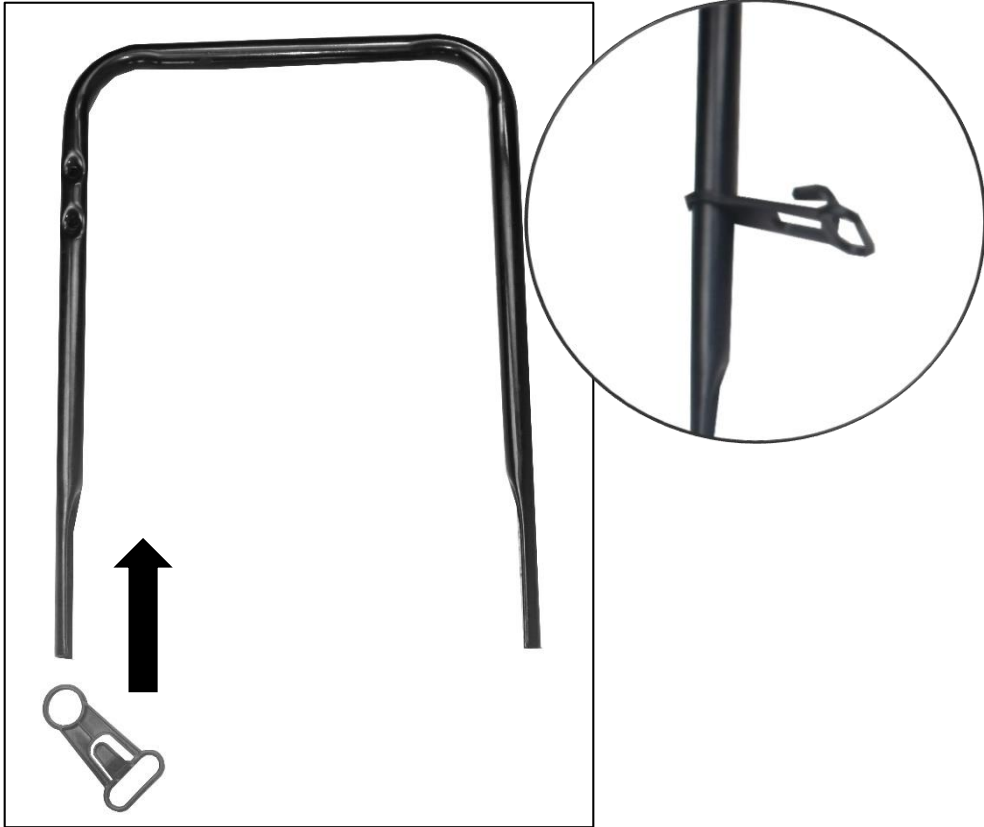
4. Secure a middle handle to a lower handle using the bolt and hand nut. Place a bolt through the lower and middle handles, then tighten on a hand nut. Repeat this on both sides.



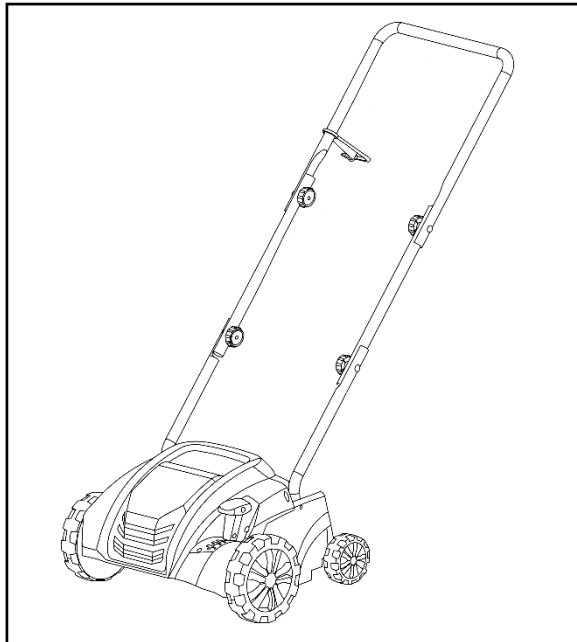
# Assembly

## STEP 2 : Upper Handle & Switch Module

1. Put the strain-reliever around the upper handle.



2. Attach the upper handle, to the middle handle, secure with bolts and Hand nuts—refer to **PAGE 22**.

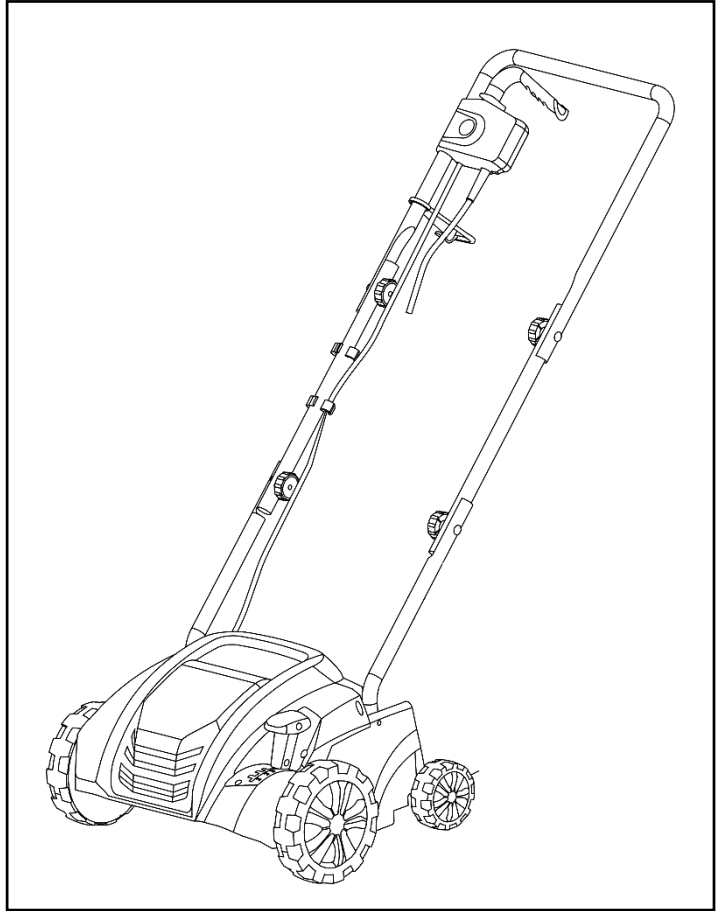


Continued on next page ➡

# Assembly

## STEP 2 : Upper Handle & Switch Module (Continued)

3. Remove the screws from the rear of the switch module, and separate it from the mating part.
4. Mount the switch module to the upper handle as shown. Ensure the safety button is facing upward.
5. From the other side secure the switch module to the mating part with the screws.



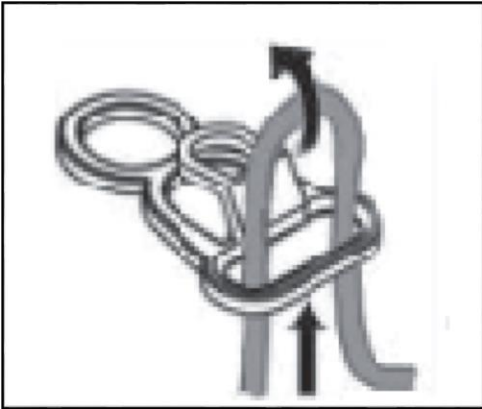
# Assembly

## STEP 3 : Cable Management

**⚠ WARNING : IT IS ESSENTIAL TO USE THE CABLE STRAIN RELIEF HOOK AT ALL TIMES DURING USE. IT'S CONSIDERED IMPROPER USE TO OPERATE WITHOUT IT.** Any improper use can cause harm to yourself and others, and void the warranty

### Cable Strain Reliever

1. Create a loop with the cable and pass it through the Strain Reliever.
2. Pass the cable over the hook and gently pull the cable to secure.



### Cable Clips

1. Place the larger side of the clip around the bars.
2. You can now place the power cable in smaller side of the clip.

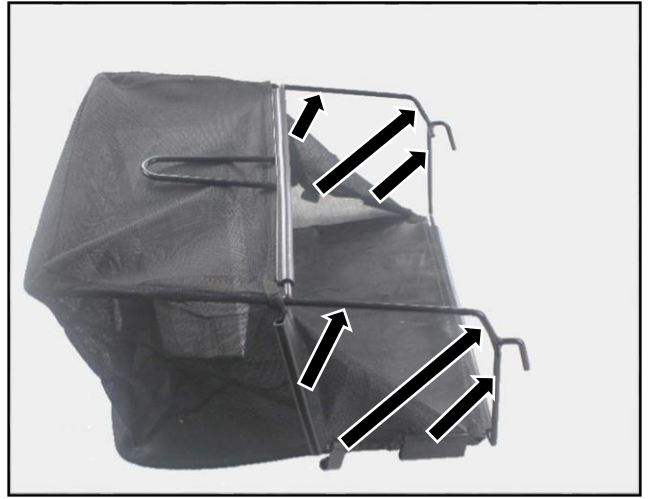
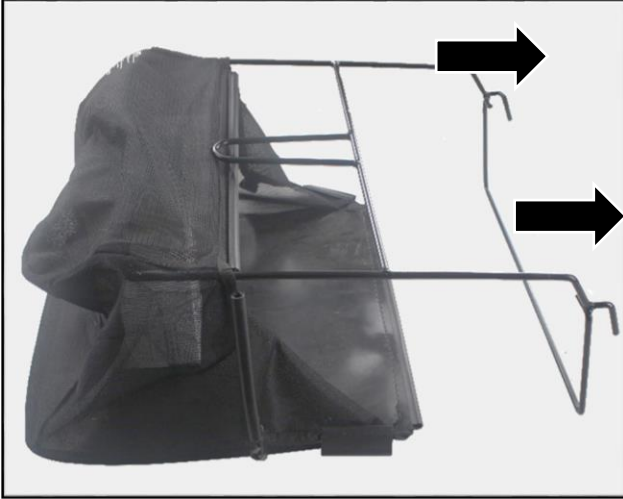




# Assembly

## STEP 4 : Collection Box Assembly

1. Pull the collection box mesh over the frame. Secure the longest clips (top and bottom) to the rails of the frame.
2. Secure the 3 smaller clips to the side rails of the frame, make sure this is done on both sides.
3. The collection box is now ready to be attached to the machine body.



# Assembly

## STEP 5 : Attaching Collection Box

1. Lift the rear discharge flap and locate the collection box tabs.



2. Hook the collection box on to the tabs and allow the discharge flap to rest on top.

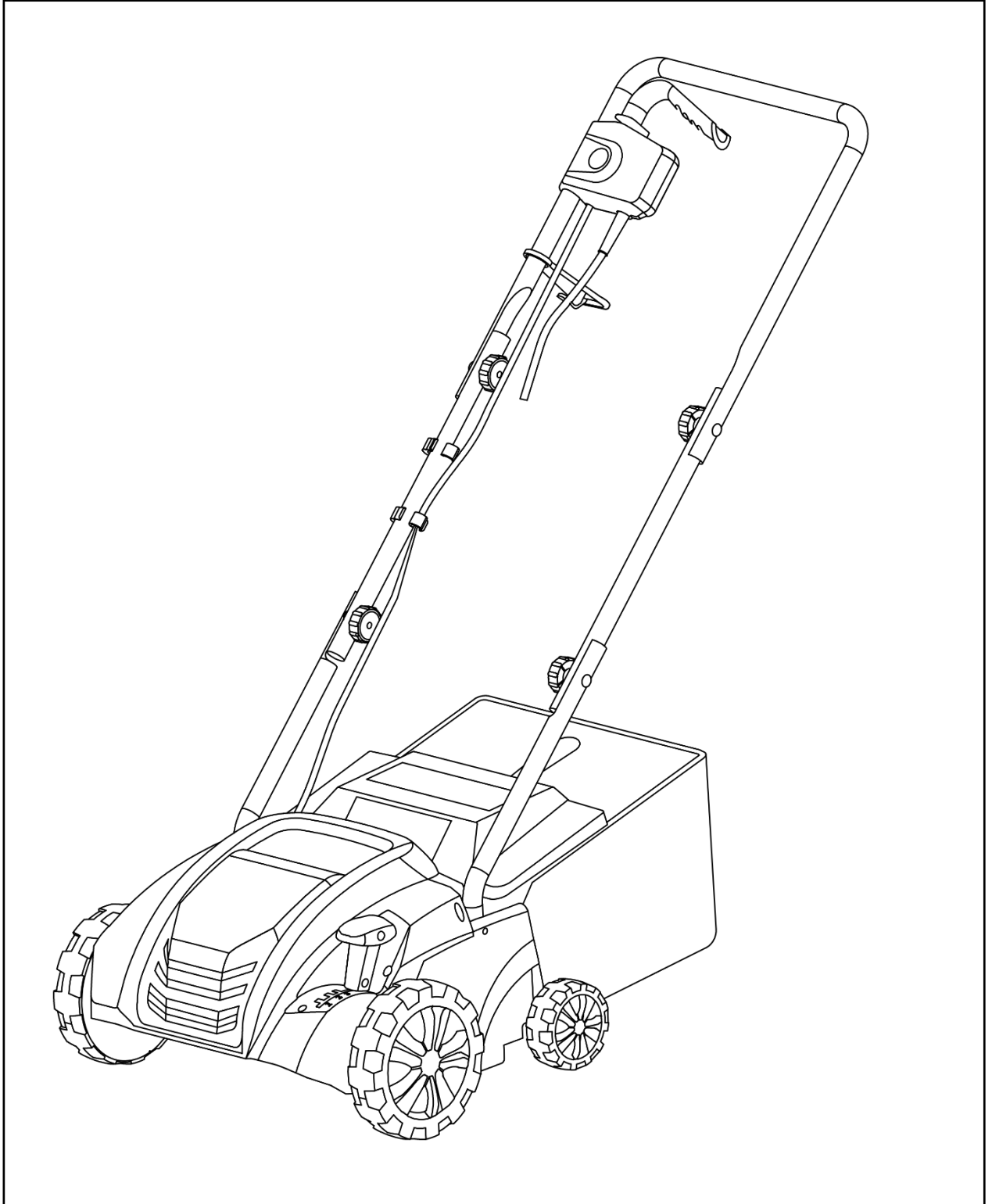


Continued on next page ➡

# Assembly

## STEP 5 : Attaching Collection Box (Continued)

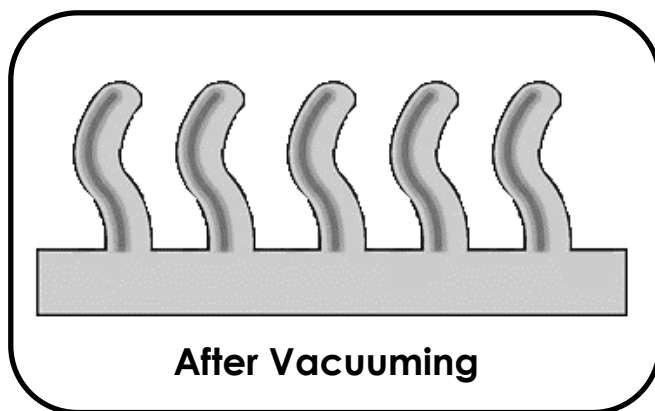
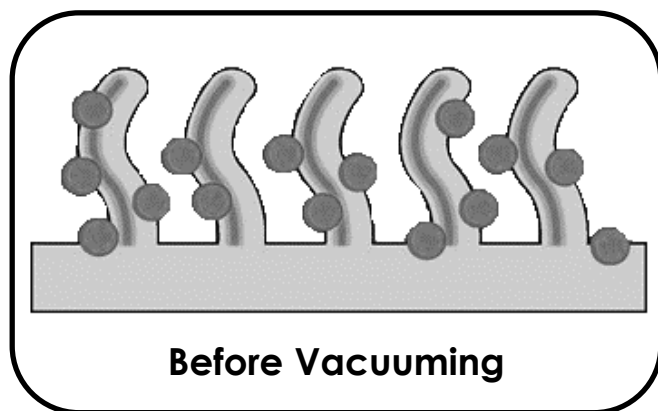
3. The HYSW1500E is now ready to be used.



# Operation

## Preparing your Artificial Lawn for Sweeping/Brushing

The HYSW1500E is intended to brush artificial grass and sweep small garden debris. If the HYSW1500E is used on excessively dirty artificial grass, dust and small particles of dirt can be thrown into the air. Dust and dirt can build up between the grass fibres, the HYSW1500E brushes these fibres clean, allowing a deep rejuvenation of the artificial grass.



Vacuuming the artificial grass with a suitable wet/dry vacuum before brushing can prevent this, or decrease the amount of dust that is within the fibres of the artificial grass.

**!** Always ensure the lawn is always dry, and avoid using the HYSW1500E in wet conditions.

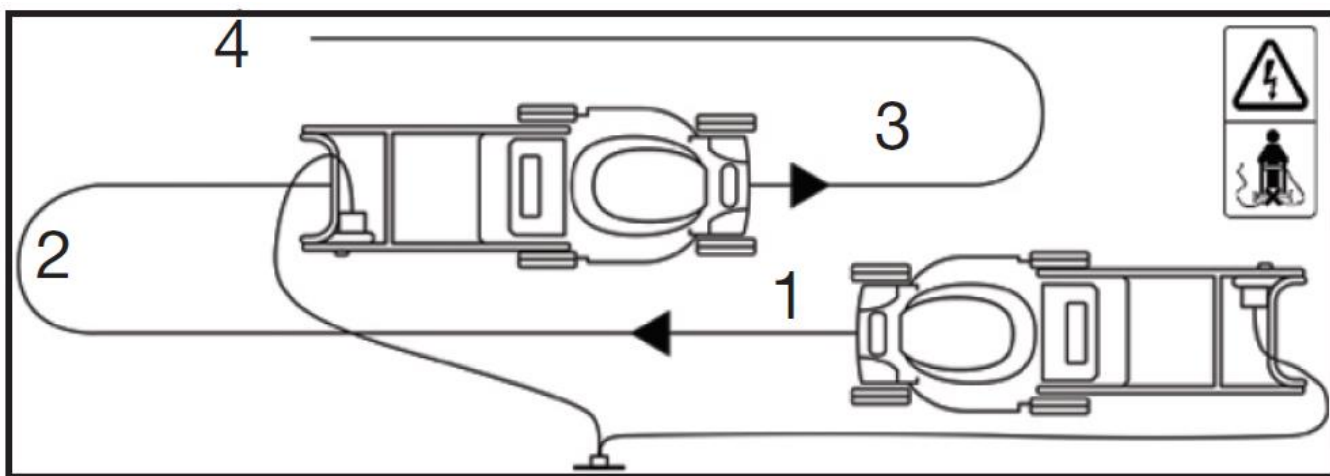
# Operation

## Working Direction

We recommend to use your machine as outlined below to achieve optimum results and to reduce the risk of cutting the mains cable.

**⚠ WARNING! DO NOT WORK TOWARDS THE CABLE.**

1. Place the bulk of the mains cable close to the starting point.
2. Move from position 1 to position 2.
3. Turn right and proceed towards position 3.
4. Turn left and move towards position 4.
5. Repeat the above steps as required.

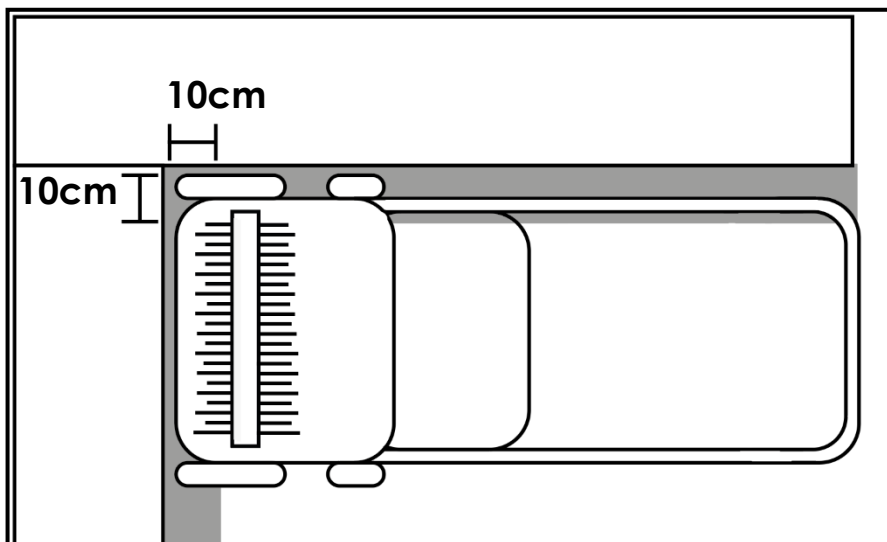


## Self Propulsion

The HYSW1500E has an element of self-propelled motion. As the bristles rotate, they will pull the machine along. The lower the setting on the machine, the more intense the self-propulsion will be. We recommend to start off the machine always on the highest setting to familiarise the user with the operations of the machine.

## Sweeping Near Walls or Raised Borders

The HYSW1500E, will leave a 10cm gap to walls. If turfed area is surround by walls or raised borders, there will be a 10cm border. It is recommended to use a Strong Bristle Garden brush to aerate the turf in areas the sweeper can't reach.

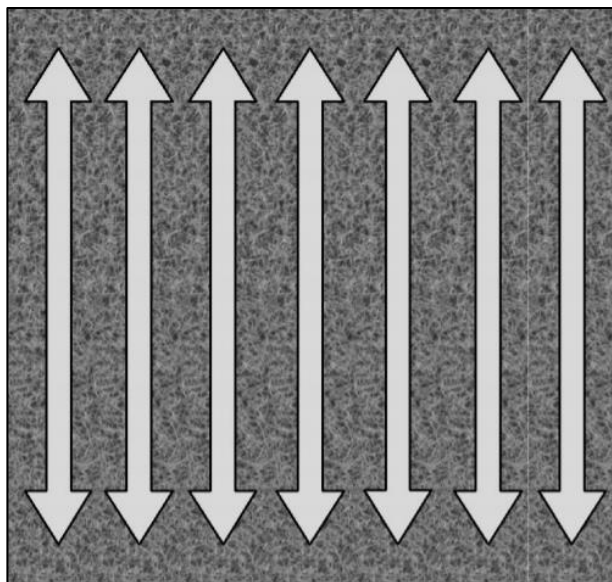


# Operation

## Tips and Tricks for Brushing/Sweeping

When first installing artificial grass, you'll find the grass blades matted and flat; Using the HYSW1500E will refresh the appearance of the grass, making the blades stand upright and aerated. First you neutralize the grain. You must brush a path in both directions in order to prepare the lawn for usage and striping.

### Neutralizing the Grain



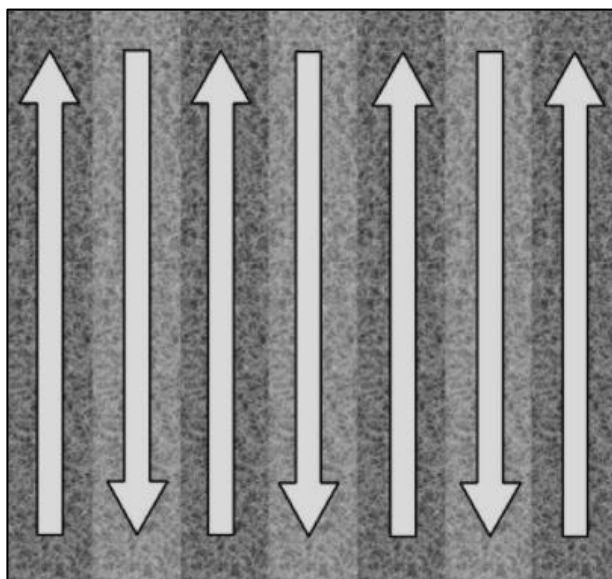
### Before Brushing



### After Brushing

## Lawn Striping

It is possible to add lines to artificial grass as with conventional lawns. When sweeping/ brushing your artificial grass, alternate the direction of the machines path to create lawn stripes.

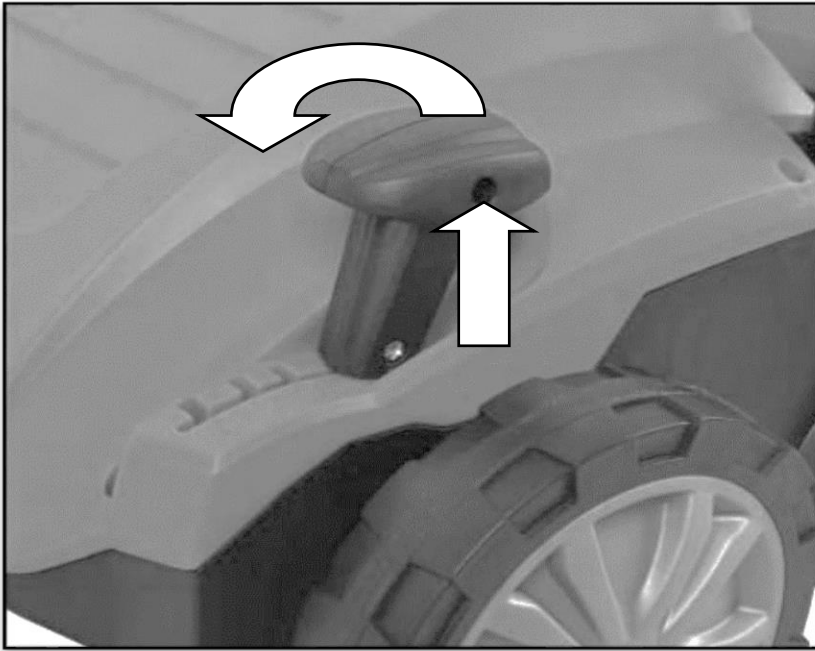


# Operation

## Height Adjustment

❗ When adjusting the machine height, ensure you set the correct height for the cartridge.

1. To adjust the height of the HYSW1500E, firstly you need to pull the lever up.
2. Then you pull the lever into your preferred height.



## Height Settings

Position	Sweeper Cartridge Height
1	-8mm
2	-4mm
3	0mm
4	8mm

❗ Sweeping on position 1 will be the most aggressive, and the machine will pull away from you harder. It will require more force to hold back.

# Operation

## Starting & Stopping

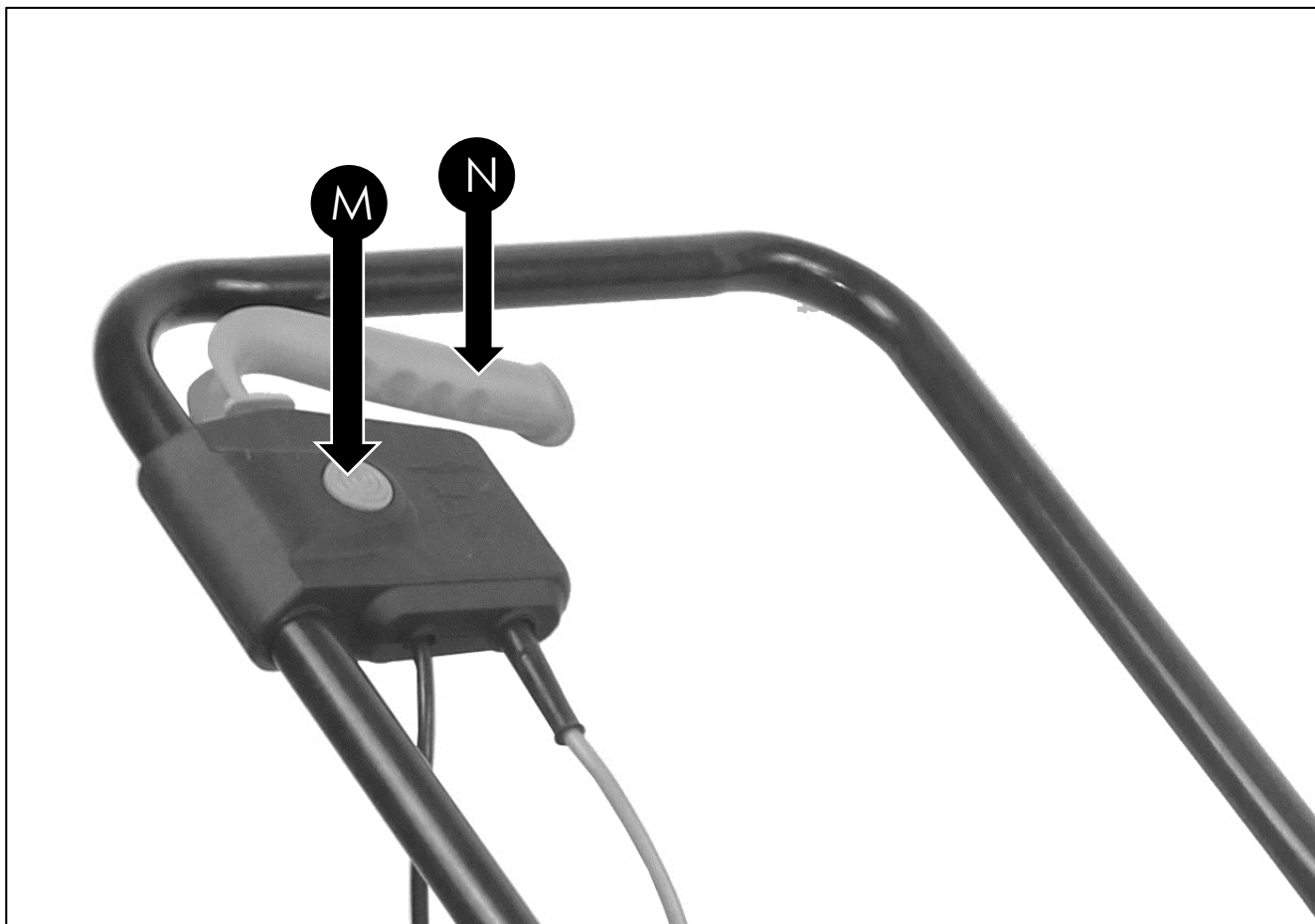
❗ Ensure before starting your HYSW1500E, the machine is plugged into a power source, with the switch on.

### Starting

1. To start the machine, you must first press the Power Safety Button **(M)**. The machine WILL NOT start if this isn't pressed.
2. Whilst holding down the Power Safety Button **(M)** pull the Power Lever **(N)**. When pulling the Power Lever **(N)** the machine will start.
3. The Power Safety Button **(M)** can be released when the machine turns on.

### Stopping

1. To stop the machine, simply release the Power Lever **(N)**.
2. Switch off the power source and unplug the machine.



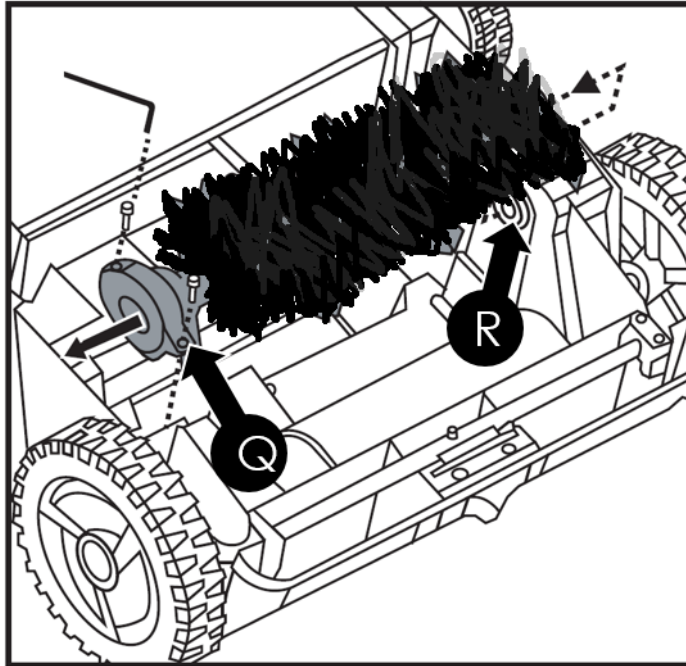


# Operation

## Changing the Cartridge

**⚠ WARNING :** When changing the Cartridge the machine **MUST NOT** be plugged into a power source.

1. Remove the bolts on the Cartridge clamp **(Q)** using the included Hex Key.
2. Lift the cartridge whilst pulling out away from the spindle **(R)**.
3. To replace cartridge, follow the previous step in reverse.



# Maintenance & Care

## General Maintenance

**⚠ WARNING : Turn OFF the machine, allow all moving parts to come to a complete stop, and disconnect the power cord before maintaining the machine. You need to wear proper clothing and protective gloves whenever your hands are at risk.**

- Keep all nuts, bolts and screws tight to be sure the machine is in a safe working condition.
- Replace worn or damaged parts for safety. Only use manufacturer-recommended parts and accessories.
- To keep your machine in good working condition, you can use spray lubricating oil along the blade, on the top of the blade, and the bottom of the blade.

## Transportation

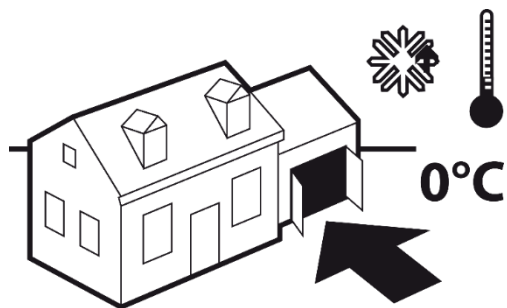
Whenever the machine is to be handled, lifted, transported or tilted, you must:

1. Wear sturdy work gloves.
2. Hold the machine at the points that offer a safe grip.
3. Use an appropriate number of people for the weight of the machine and the characteristics of the vehicle or the place where it must be placed or collected.
4. During transport, make sure to fasten the machine securely with cables or straps.
5. The machine must be transported on a flat surface.

## Storage

**⚠ Keep the machine stored in a dry, level area away from damp, moisture and rain fall. Allow the machine to cool down before storing.**

- Make sure the machine is clean and dry before storing.
- Make sure the machine is stored away from direct sunlight. Store indoors or in a safe, locked protected area during severe weather and winter months.
- Ensure the machine is stored in a position, where any persons cannot step on to attempt to reach items up high, due to risk of movement.
- DO NOT store the machine near an ignition source, such as a wood stove, gas or electric heater, or an appliance or heater with a pilot light.
- Store the machine out of reach of children or anyone who is not familiar with operation.
- DO NOT stack other items on top of the machine when in storage.



# Maintenance & Care

## Cleaning

**⚠ Always remove the electric plug from the mains supply before any cleaning is undertaken.**

- Remove any grass and mud after each use to prevent it from drying. Use a clean cloth to remove dirt, grease, etc.
- DO NOT use any water on any part of the main machine.
- Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use.
- Always ensure that ventilation openings are kept clear of debris.

## The Cartridge

**⚠ WARNING!**

- Never touch a rotating cartridge.
- The brush cartridge should always be cleaned and free of debris. Between uses ensure nothing is caught in the bristles of the brush.
- At regular intervals, check the tightness of all nuts, bolts and screws.
- If the brush cartridge becomes excessively frayed, contact our team for replacement parts

# Replacement Parts/Spares Information



No Hassle Returns



Same Day Dispatch\*



Over 10,000 Spare Parts



**QR Code** – Scan the QR code for a direct link to our website

**Our Website** : [power-spares.co.uk](http://power-spares.co.uk)

**Call us** : 01646 404406

**Email us** : [sales@power-spares.co.uk](mailto:sales@power-spares.co.uk)

To maintain your machine in peak operating condition, proper maintenance and care are crucial. Some machines have consumable parts that will need replacement to ensure they continue operating at their full potential. Power-Spares provide manufacturer parts for all your machines, ensuring they remain in peak condition.

## About Power Spares

Power-Spares has your back if you damage your lawn mower blade, find your spark plugs not sparking, or snap your recoil. Power-Spares operates under the trading name of Genpower Limited.

As part of the Genpower family, Power-Spares offers you the expertise, efficiency, and quality assurance of a large organisation. We leverage the latest warehousing, distribution, customer service, and inventory management technology to ensure you receive your parts as quickly as possible.

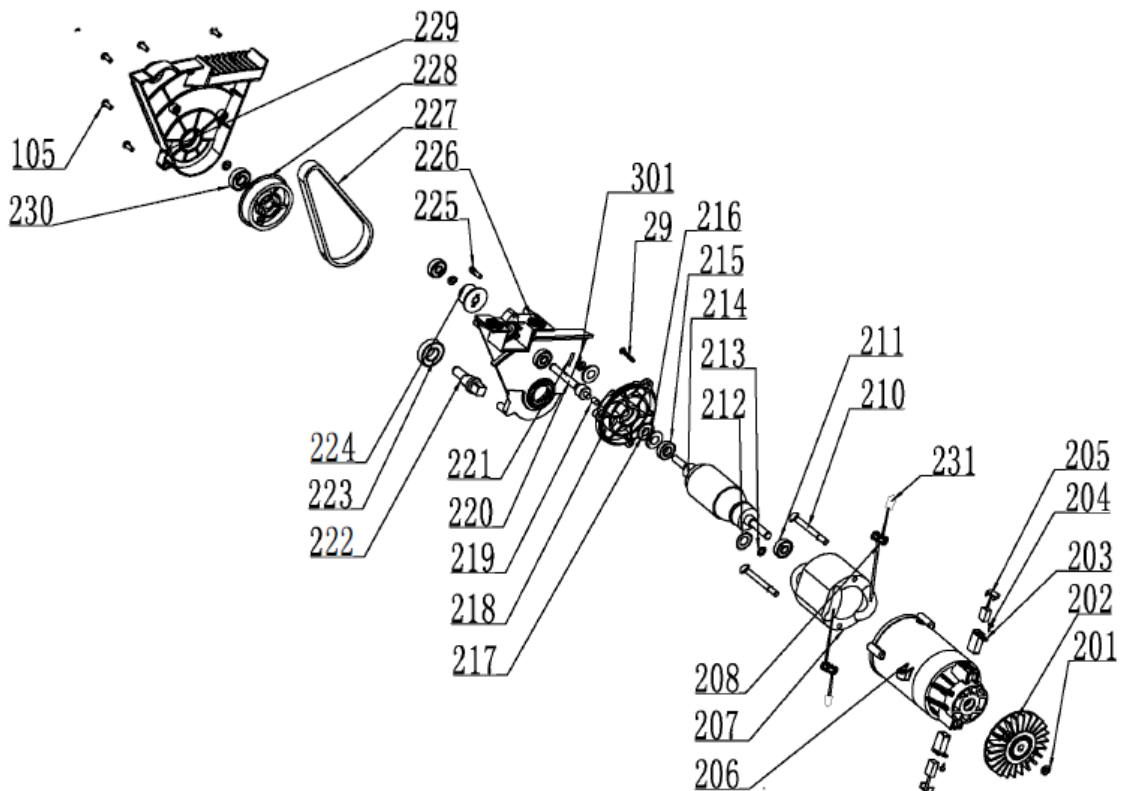
With extensive stock-holding of spare parts in our UK warehouses, Power-Spares is ready to assist you promptly when your machine needs repair. We're Committed to help you get back up and running as quickly as possible.

# Replacement Parts/Spares Information

## Spare Parts

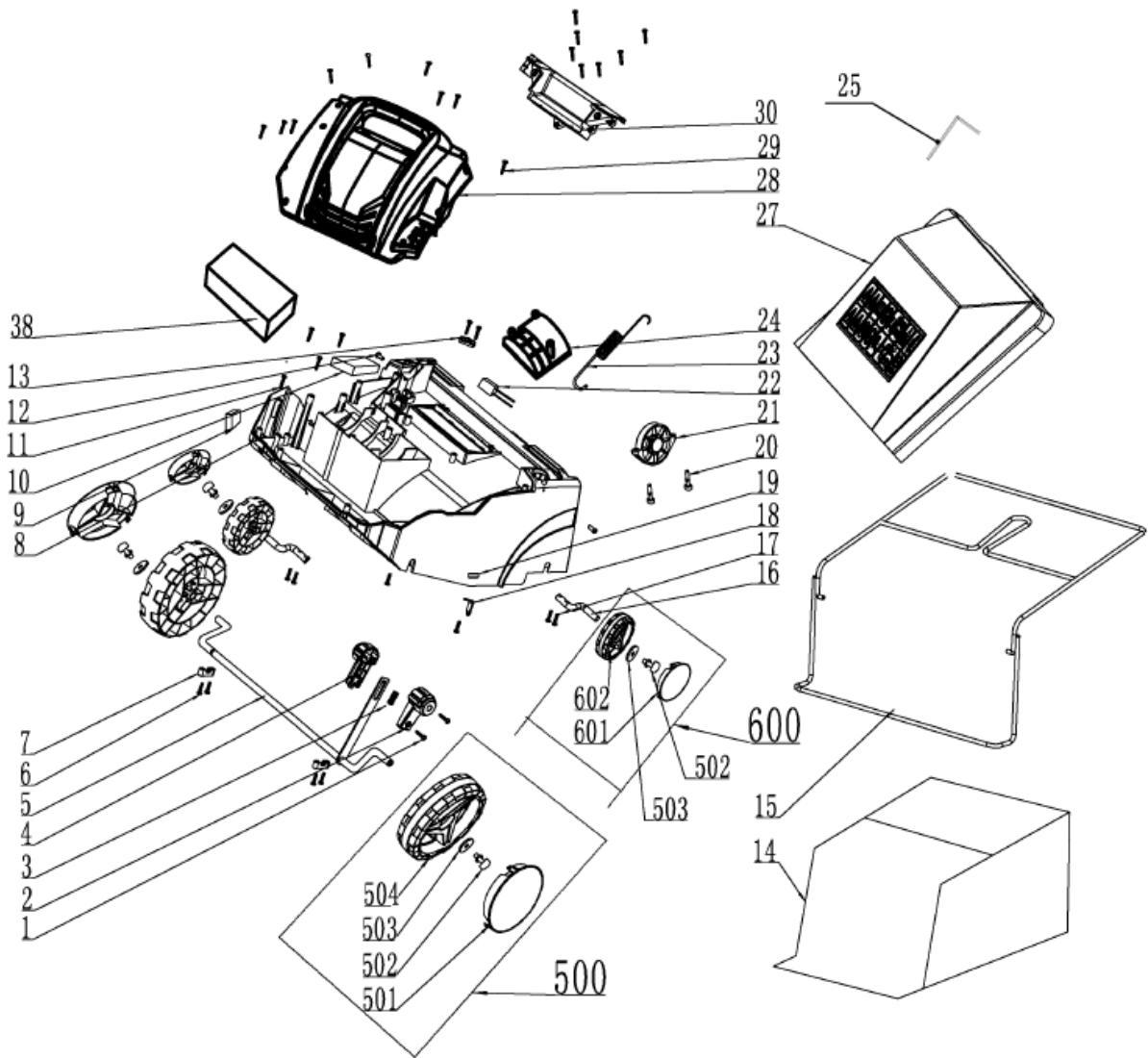
⚠ Only use original spare parts: The use of non-original and/or incorrectly fitted parts will jeopardise the safety of the machine, may cause accidents or injuries for which the manufacturer is under no circumstance liable or responsible.

- 1 Find the part you are looking for in the drawings.
- 2 Information about the parts can be found in the tables below or visit **power-spares.co.uk**
- 3 Use this information to order the part.
- 4 Contact us if you need help finding the correct part.



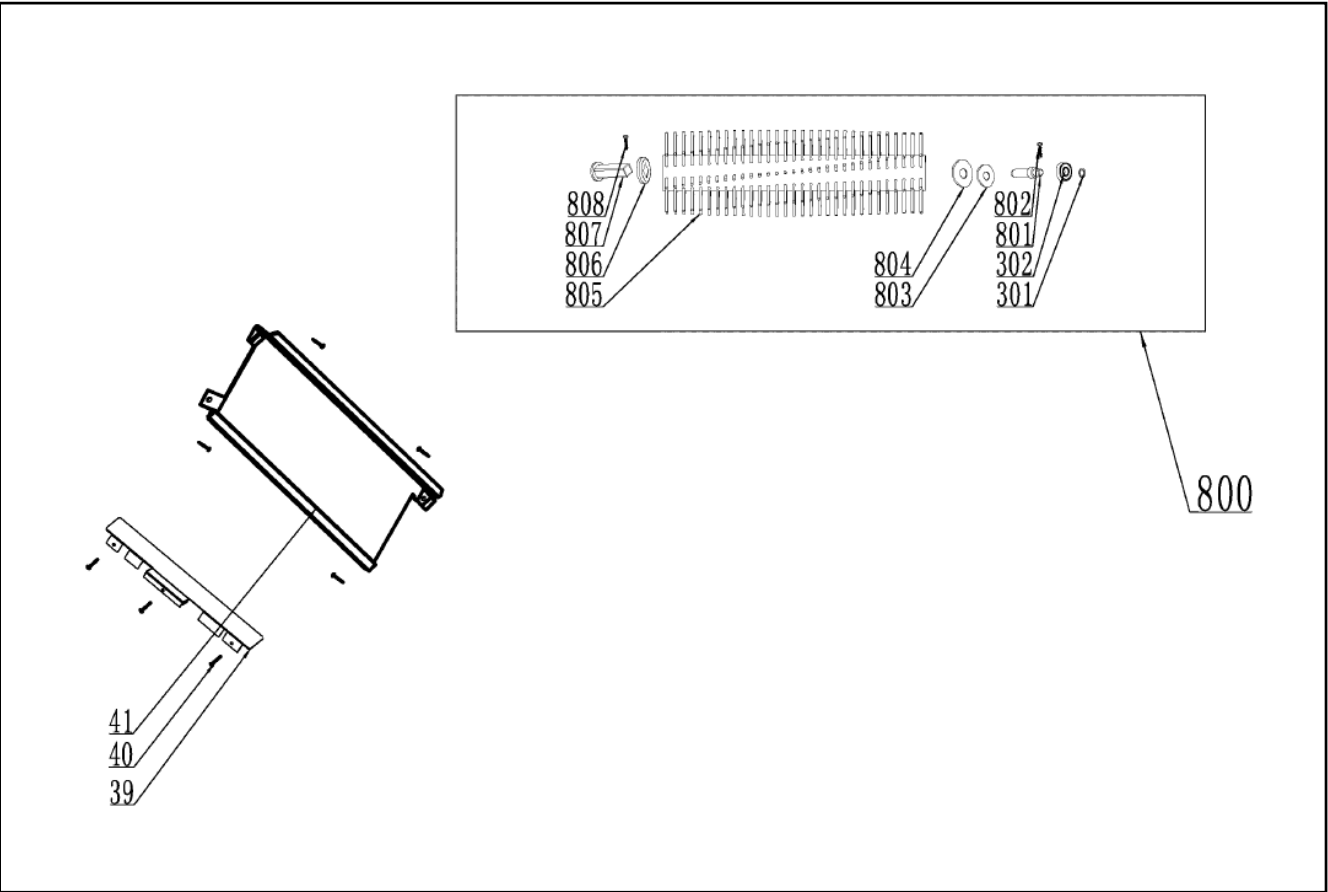
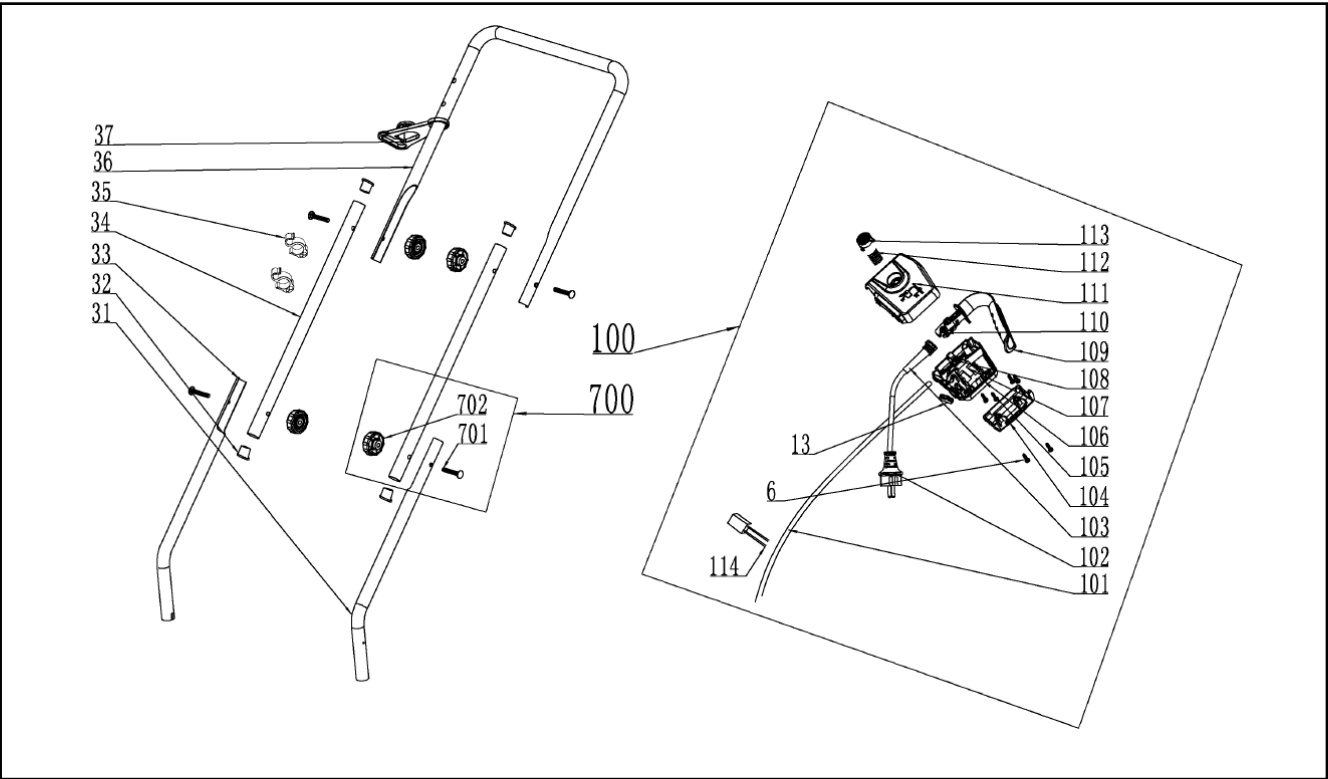
# Replacement Parts/Spares Information

## Spare Parts



# Replacement Parts/Spares Information

## Spare Parts



# Replacement Parts/Spares Information

## Spare Parts

Part no.	Description	Quantity
1	bolt	11
2	Shift adjustment to the left	1
3	Dial the torsion spring	1
4	Shift adjustment to the right	1
5	Front wheel bracket assembly	1
6	bolt	4
7	Front wheel rod assembly press plate	2
8	main case	1
9	Filter sponge # 2	1
10	Filter sponge # 1	1
11	bolt	5
12	bolt	2
13	The cable clamp	1
14	Clippings bag	1
15	Set the straw bag skeleton	1
16	Rear wheel fixed axle	2
17	bolt	4
18	Pull spring retaining plate	1
19	Insert nut	2
20	bolt	2
21	bearing block	1
22	Temperature protection switch	1
23	Set straw bag pressure plate tension spring	1
24		1
25	Inner hexagon spanner	1
27	Set grass with pressure plate	1
28		1



# Replacement Parts/Spares Information

## Spare Parts

Part no.	Description	Quantity
29	bolt	12
30	The housing is divided into templates	1
31	No. 1 handle lever left	1
32	Push rod plug (round head)	4
33	No. 1 handle lever right	1
34	No. 2 handle lever	2
35		2
36	No. 3 handle lever	1
37	Line positioning	1
38	clump weight	1
		1200g
39	Front Armor	1
40	bolt	7
41	back shield	1
101	power line	1
102	The power cord is connected with a waterproof plug	1
103	Cable sheath is small	1
104	Switch box pressing plate	1
105	bolt	4
106	Switch box on the left	1
107	Switch	1
108	Switch connecting rod	1
109	Switch the wrench	1
110	Switch wrench spring	1
111	Switch box right	1
112	Switch button spring	1
113	shift knob	1
114	capacitance	1
6	bolt	2
13	The cable clamp	2

# Replacement Parts/Spares Information

## Spare Parts

Part no.	Description	Quantity
201	jump ring	1
202	New motor blades	1
203	electric brush carrier	2
204	bolt	2
205	brush	2
206	Machine barrel shell	1
207	stator module	1
208	inductance	2
210		2
211	bearing	2
212	Commutator wool felt	1
213	flat gasket	2
214	rotor	1
215	bearing	2
216	Red steel paper gasket	2
217	wool felt	1
218	Motor gearbox	1
219	needle bearing	1
220	Large gear with output shaft	1
221	hinge pin	1
222	output shaft	1
223	bearing	1
224	Small multi-wedge pulley	1
225	bolt	3
226	Pulley support	1
227		1
228	The big belt wheel	1
29	bolt	3
301	jump ring	2
230	bearing	1
105	bolt	5

# Replacement Parts/Spares Information

## Spare Parts

Part no.	Description	Quantity
231		2
500		
501	180 three wheel covers (style D)	2
502	bolt	2
503	5 gasket	2
504	180 Three Wheels (Type B)	2
600		
601	100 three wheel covers (style D)	2
602	100 Three Wheels (Type B)	2
502	bolt	2
503	5 gasket	2
700		
701	bolt	4
702	rotary knob	4
800		1
301	ring $\Phi 10$	1
302	bearing	1
801	Connecting shaft head	1
802	screw ST5*16	1
803	gasket	1
804	gasket	1
805	Sweeping brush	1
806	Dust cover plate right	1
807	Sweep the local tube shaft	1
808	screw ST5*25	1

# Technical Data

## Specification

<b>Model</b>	<b>HYSW1500E</b>
Voltage	230V
Frequency	50Hz
Rated Power	1500W
Working Width	320mm
Depth Adjustment	-8mm to +8 mm
Rated Sound	102dB
Sound Pressure Level (Lwa)	82.8db
Sound Power Level	98.89db
Uncertainty K	3bd
Vibration on the bar	1.344 m/s <sup>2</sup>
Uncertainty K	1/5 m/s <sup>2</sup>
Drum Speed	3000rpm
Construction Rating	IPX4
Net Weight	10.75kg

# Recycling & Disposal

## Recycling & Disposal

We do not offer a takeback scheme for the recovery of Waste Electrical Electronic Equipment (WEEE) & Batteries. Instead the responsibility to dispose of WEEE and/or Batteries is passed onto you by us.

So when it becomes necessary to dispose of your machine you must take it to your local Civic Amenity Site. For further information please contact your local Authority for disposal advice.

You **MUST** make sure that all unused oil and fuel is disposed of correctly either beforehand or at your local Civic Amenity Site.

- Under NO circumstances must any fuel or oil be put down any drains.
- Certain products contain WEEE waste which should not be disposed of in your domestic waste.
- You **MUST** recycle WEEE in accordance with your local authority or recycling centre.
- Certain products contain batteries which should not be disposed of in your domestic waste.
- You **MUST** recycle batteries in accordance with your local authority or recycling centre.
- Unwanted packaging and materials should be stored and taken to a recycling centre so it can be disposed of in a manner which is compatible with the environment.

We are a Member of the VALPAK National Compliance Scheme and our registration number is RM08660. For further information about disposal please contact your Local Authority.

You can also get more advice and guidance about recycling at the following website <http://www.recycle-more.co.uk>

Should you pass this product on to another user either sold or loaned, you **MUST** pass on this user manual. This will make sure that all other users can use and maintain this machine safely.

## Environmental Protection

1. Environmental protection should be a priority of considerable importance when using the machine, for the benefit of both social coexistence and the environment in which we live. Try not to cause any disturbance to the surrounding area.
2. You must comply with local regulations and provisions for the disposal of packaging, oils, fuel, filters, damaged parts or any elements which have a strong impact on the environment. This waste must not be disposed of as normal waste. It needs to be separated and taken to specified waste disposal centres where the material will be recycled.
3. You must comply with local regulations for the disposal of waste materials after mowing.
4. When disposing, do not pollute the environment with the machine, but hand it over to a disposal centre, in accordance with the local laws in force.

# EU Declaration Of Conformity

## Importer and Authorised Representative

Genpower Ltd  
Isaac Way, Pembroke Dock, SA72 4RW

**Country of Origin:** China

**Description:** Electric Sweeper

**SKU Code:** HYSW1500E

**Date of Issue:** 01/10/2024

## Regulations and Directives of Compliance

- 2006/42/EC The Machine Directive
- 2014/30/EU EMC Directive
- 2000/14/EC Noise Emissions
- 2011/65/EU RoHS

## Statement of Declaration

We the importer and authorised representative of the product described confirm conformity within the provisions of applicable regulations and directives listed within this document.

## Signed on Behalf of Genpower Ltd

**Place of Issue:** Genpower Ltd

**Signatory Name:** Roland Llewellyn

**Position:** Managing Director

*R J Llewellyn*



# Useful Information

## Check Out Our YouTube Channel

Our videos on YouTube include:

- Unboxing
- Assembly of your machine
- How to service your machine
- Products in use
- 'How To' videos
- Product features

Go to YouTube and search '**Hyundai Power Products**'.

## Warranty

Proof of purchase will be required before you make a warranty claim. Full warranty terms and conditions can be found on the HYUNDAI POWER PRODUCTS website:

**[www.hyundaipowerproducts.co.uk](http://www.hyundaipowerproducts.co.uk)**

## Manual Updates

Our manuals are constantly being reviewed and updated. Should you find an error, omission or something unclear, please contact us for assistance. We reserve the right to make any modifications without prior notice whenever necessary. Our latest manuals are also placed online. All our manuals can be downloaded at: **[www.hyundaipowerproducts.co.uk](http://www.hyundaipowerproducts.co.uk)**

## Returning Your Product

If you are returning your product, please contact the dealer for their returns policy.

## Leaving A Review

We work very hard to give all of our customers the best possible service. If you have any problems, before leaving negative feedback, please contact us to give us a chance to resolve the issue. We would be delighted if you left us positive feedback! To leave a review, please go to:

**[uk.trustpilot.com/review/hyundaipowerequipment.co.uk](http://uk.trustpilot.com/review/hyundaipowerequipment.co.uk)**

## Ordering Spare Parts

You can find the spare part you are looking for at **[power-spares.co.uk](http://power-spares.co.uk)**

# Product Record

## Information

As soon as you have purchased the machine, we recommend that you fill out the following. If you need to contact an authorised dealer or customer service for information on servicing, you may need to provide the following information.

Date Of Purchase:.....

Dealer Name:.....

Dealer Phone:.....

Model Number:.....

Serial/Batch Number:.....



# Contact Us

## Need Help? Talk To Our Experts

Our friendly aftersales team will be more than happy to help you.



### Phone

Call our team on 01646 687 880



### Email

[aftersales@hyundaipowerproducts.co.uk](mailto:aftersales@hyundaipowerproducts.co.uk)



### Online Live Chat

Go to [www.hyundaipowerproducts.co.uk](http://www.hyundaipowerproducts.co.uk)



### Post

Genpower Ltd, Isaac Way, Pembroke Dock, Pembrokeshire, SA72 4RW.



### Hyundai Support Website

Go to [hyundaisupport.co.uk](http://hyundaisupport.co.uk)

# Notes

# Notes

# HYUNDAI

## POWER PRODUCTS



GENUINE PRODUCT OF  
HYUNDAI CORPORATION

For Inquiries, Please Contact:  
GENPOWER LTD  
Isaac Way, London Road,  
Pembroke Dock, UK, SA72 4RW.  
T: +44 (0) 1646 687 880  
E: [info@hyundaipowerproducts.co.uk](mailto:info@hyundaipowerproducts.co.uk)  
[www.hyundaipowerproducts.co.uk](http://www.hyundaipowerproducts.co.uk)