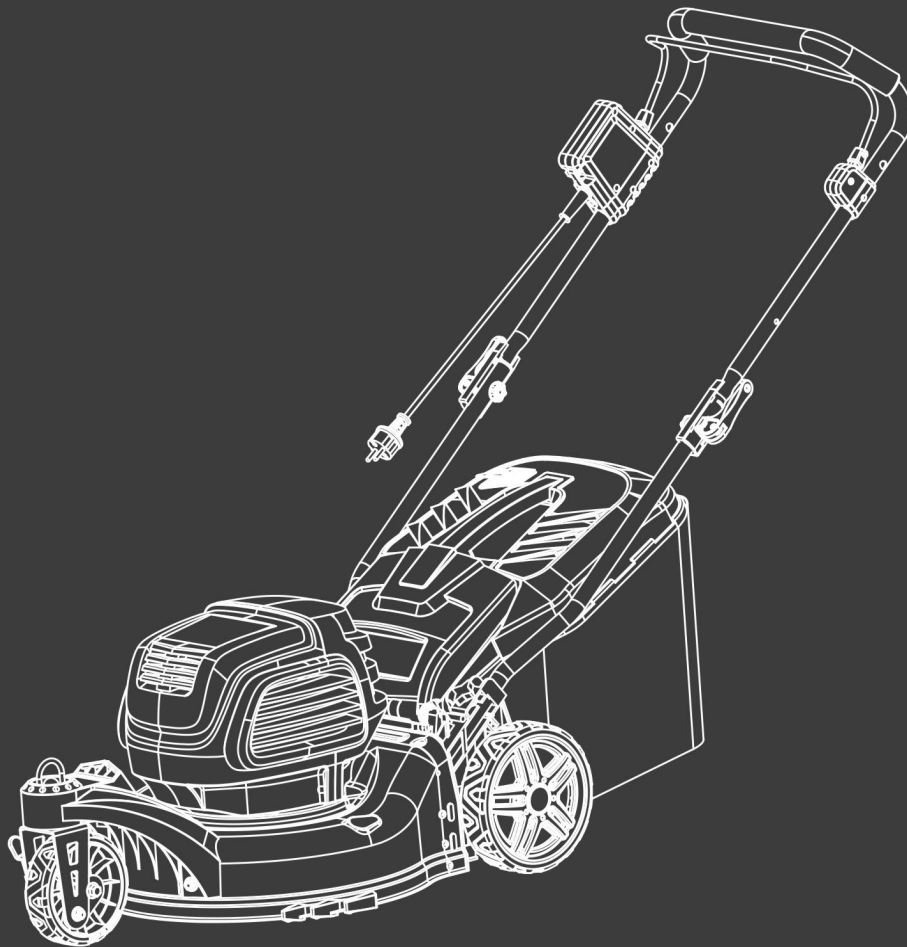


HYUNDAI
POWER PRODUCTS

ELECTRIC LAWN MOWER

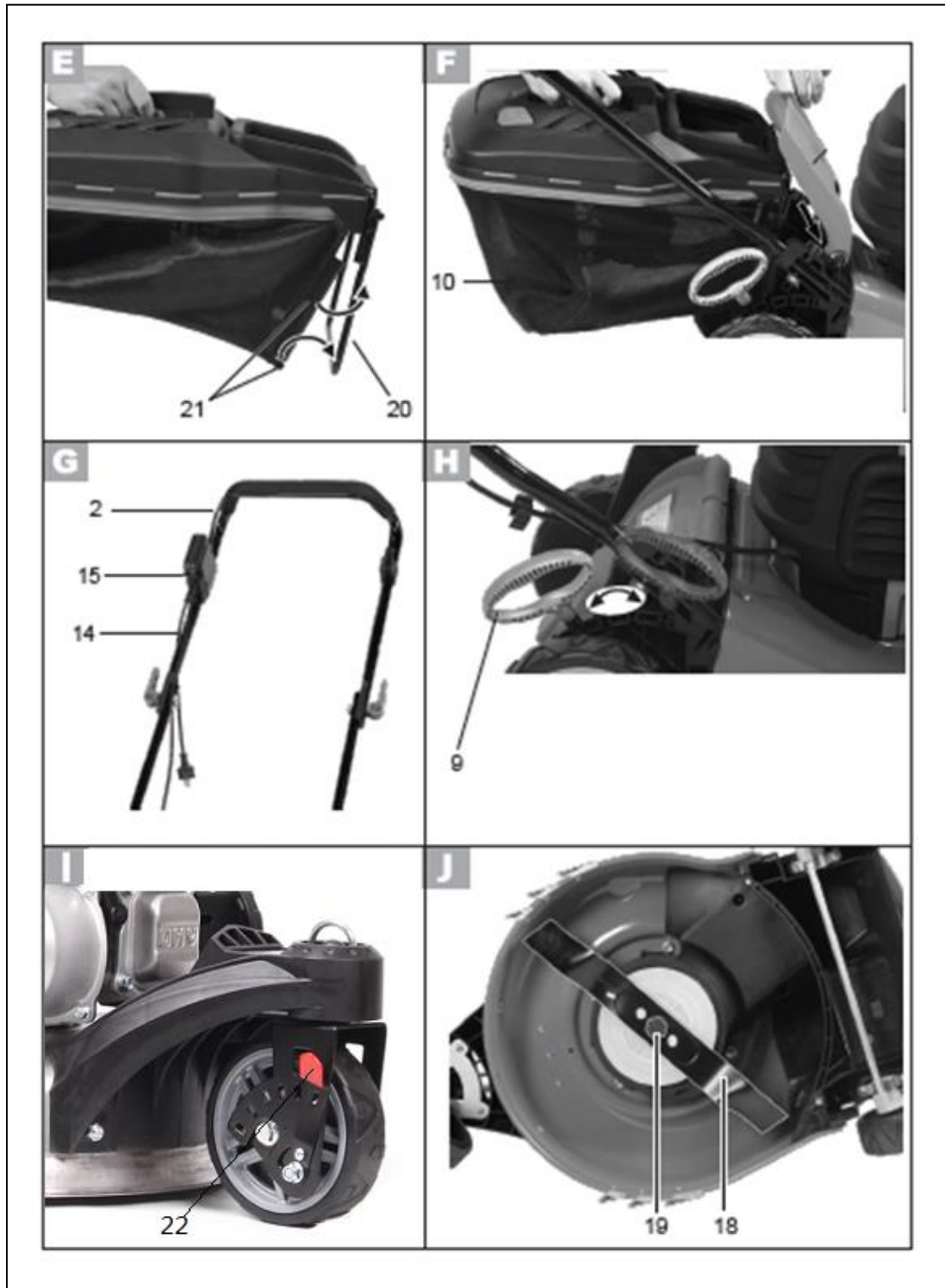
HTDE421RP

ORIGINAL INSTRUCTIONS



WARNING: Read thoroughly the instruction manual before use.





It is important that you read, fully understand and observe the following safety precautions and warnings. Careless or improper use of the machine may cause serious or fatal injury. The user is responsible for any accidents involving other people or other people's property.



Never let children or other persons who are not familiar with the operating instructions use the lawnmower. Juveniles under 16 years may not use the equipment. Local regulations may specify the minimum age of the operator.

Technical data

We reserve the right of technical changes

Type	HTDE421RP
guaranteed sound power level	L_{WA} 96 dB(A)
Sound pressure level	Max. 80.7dB (A); K =3 dB
Measured sound power level	Max. 92,55 dB (A); K =1,34 dB
Power	1600W
Voltage	230-240 V~ 50 Hz
Working width	42cm
Cutting height	25-75 mm
Front wheel	150mm
Back wheel	200mm
Weight	21.9kg
Vibration	Max. 0,828m/s ² Max. 1,161 m/s ² K= 1,5 m/s ²

Safety instructions

Do not operate machine before having read the operating instructions, understood all the notes and assembly the machine as described here. Keep the instructions in a safe place for future use.

Meaning of the symbols



Read instruction manual



Risk of projections; keep bystanders away



Beware of sharp blades. Blades continue to rotate after the motor is switched off –

Remove plug from mains before maintenance or if cord is damaged.



Keep supply flexible cord away from cutting means



Wear hearing protection and ocular protection. Do not mow in the rain or leave the lawnmower outdoors whilst it is raining



Wait until all machine components have completely stopped before touching them. The blades continue to rotate after the machine is switched off, a rotating blade can cause injury.



Guarantee sound power level



Meaning of crossed –out wheeled dustbin: Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact you local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge

General information

- This lawnmower is designed for domestic grass and lawn surfaces. Because of the physical risk to the user or to others, the lawnmower must not be used for other purposes.
- Read the instructions carefully. Be familiar with the controls and the proper use of the appliance. Only mow the lawn during daylight or with the aid of appropriate artificial light.
- Never allow children or people unfamiliar with these instructions to use the appliance. Local regulations may restrict the age of the operator.
- Never mow while people, especially children, or pets are nearby.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.
- Not to use the mower if the cords are damaged or worn.
- Not to connect a damaged cord to the supply or touch a damaged cord before it is disconnected from the supply. A damaged cord can lead to contact with live parts.
- Not to touch the blade before the machine is disconnected from the supply and the blade have come to a complete stop.

- To keep extension cords away from the blade. The blade can cause damage to the cords and lead to contact with live parts.
- To carefully read the instructions for the safe operation of the machine.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- While mowing, always wear substantial footwear and long trousers.
- Do not operate the appliance when barefoot or wearing open sandals.
- Thoroughly inspect the area where the appliance is to be used and remove all stones, sticks, wires, bones, and other foreign objects.
- Before using, always visually inspect to see that the blades, blade bolts and cutter

assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.

- Before use check the supply and extension cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECT THE SUPPLY.** Do not use the machine if the cord is damaged or worn.

Operation

- Mow only in daylight or in good artificial light.
- Avoid operating the appliance in wet grass, where feasible
- Always be sure of your footing on slopes.
- Walk, never run.
- Mow across the face of slopes, never up and down.
- Exercise extreme caution when changing direction on slopes.
- Do not mow excessively steep slopes.
- Use extreme caution when reversing or pulling the appliance towards you.
- Stop the blade(s) if the appliance has to be tilted for transportation when crossing surfaces other than grass, and when transporting the appliance to and from the

area to be mowed.

- Never operated the appliance with defective guards or shields, or without safety devices, for example deflectors and/or grass catchers, in place.
- Switch on the motor according to instructions and with feet well away from the blade(s).
- Do not tilt appliance when switching on the motor, except if the appliance has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part which is away from the operator. Always ensure that both hands are in the operating position before returning the appliance to the ground.
- Do not start the mower when standing in front of the discharge opening.
- Do not put hands or feet near or under rotating parts. For rotary mowers, keep clear of the discharge opening at all times.
- Never pick up or carry an appliance while the motor is running.
- Stop the machine, pull the plug from the socket, make sure that all moving parts have come to a complete stop: whenever you leave the machine; before clearing a blockage; before checking, cleaning or working on the appliance; after striking a foreign object.

Inspect the appliance for damage and make repairs as necessary; if the appliance starts to vibrate abnormally (check immediately).

- Inspect for damage. replace or repair any damaged parts, check for and tighten any loose parts.

Maintenance and storage

- Keep all nuts, bolts, and screws tight to be sure the appliance is in safe working condition.
- Check the grass catcher frequently for wear or deterioration.
- Replace worn or damaged parts for safety. Use only genuine replacement part and accessories.
- For rotary mowers, ensure that only replacement cutting means of the right type are used.
- Be careful during adjustment of the machine to prevent entrapment of the fingers between moving blades and fixed parts of the machine.
- Always allow the machine to cool down before storing.
- When servicing the blades be aware that. Though the power source is switched off, the blades can still be moved.

The mower should be supplied via a residual current device (RCD) with a tripping current

of not more than 30 mA

2. Before mowing

- Always wear suitable clothing; never loose clothing; which could be caught by the cutting tool. Wear suitable footwear! Also protect your legs (e. g. with long trousers) and your hands (gloves).
- Check the site on which the machine is to be used, and remove all items which could be caught and ejected.
- Check the line and connection cable fitted to the outside of the lawnmower for damage and ageing(brittleness).only use if in perfect condition.
- Only have the cable repaired by a qualified person.
- Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones and other foreign objects.
- Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged.
- Replace worn or damaged blades and bolts in sets to preserve balance.
- Check the grass catchment device regularly for wear-and-tear and deformation.

- Check the supply cord before using the equipment, if the rubber enclosure of the supply cord has broken off or the metal conductor of it exposes to the air, replace the supply cord immediately to avoid the risk of electrical shock. **If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**

3. Cables

- Please work with safety cables. For the connection only use an H05RN-F or heavier power cable, with a minimum cross section of $2 \times 1.0 \text{mm}^2$ and maximum length 25m.
- Plugs and couplings must be protected from splashes.
- Use a leakage-protective system(RCD)with a leakage current of no more than 30 mA
- Attach connection cable to traction relief. Make sure that it does not rub against edges, pointed or sharp objects. Do not squeeze cable through door or window gaps
- Switching devices must not be removed or bridged (e. g. tying of switching lever to guide spar).
- Remove the plug from the socket whenever you leave the machine; before clearing a

blockage; before checking, cleaning or working on the machine;
after striking a foreign object; inspect the appliance for damage and make repairs as necessary; if the appliance starts to vibrate abnormally (check immediately)

- If the connection cable is damaged during use, it must be immediately disconnected from the main power supply. Do not touch the cable before it has been disconnected from the mains power supply.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Use extension cords with this tool. The extension cord must not be lighter than required by 25.7 of standard EN60335-2-77. Ask advice to an electrician

4. When mowing

- Only switch on motor when your feet are at a safe distance from the cutting tools.
- Do not tilt lawnmower when switching on the motor, except if the appliance has to be tilted for starting. In this case, do not tilt it more than absolutely necessary and lift only the part which is away from the operator. Always

ensure that both hands are in the operating position before returning the appliance to the ground.

- Avoid operating the appliance in wet grass, where feasible.
- Adhere to the safety distance given by the guidance spars.
- Always be sure of your footing on slopes.
- Walk, never run.
- For wheeled rotary mowers, mow across the face of slopes, never up and down.
- Exercise extreme caution when changing direction on slopes.
- Do not mow excessively steep slopes.
- Use extreme caution when reversing or pulling the appliance towards you.
- Stop the blade(s) if the appliance has to be tilted for transportation when crossing surfaces other than grass, and when transporting the appliance to and from the area to be mowed.
- Never operate the appliance with defective guards or shields, or without safety devices, for example deflectors and/or grass catchers, in place.
- Switch on the motor according to instructions and with feet well away from the blade(s).
- Do not put hands or feet near or under

- rotating parts. For rotary mowers, keep clear of the discharge opening at all times.
- Never pick up or carry an appliance while the motor is running.
 - Pull the plug from the socket : before clearing blockages or unclogging chute;before checking, cleaning or working on the machine;after striking a foreign object. Inspect the machine for damage and make repairs before restarting and operating the machine; if the machine starts to vibrate abnormally(check immediately);
 - Always mow slopes at right angles to the incline; never mow up and down
 - Caution: do not touch running cutters.
 - Never open the guard flap while motor is still running.

Summary

1 Upper handle bar	11 Cable holder
2 Start lever	12 Level gauge
3 Lower bar	13 Tensioning lever
4 Grass bag	14 Cable strain relief
5 Front Wheel	15 Power cable
6 Lawnmower housing	16 Release button
7 Butterfly screw	17 LED
8 Wheels	18 Blade
9 Collision guard	19 Blade screw
10 Grass bag	

Assembly

Caution! Risk of injury from rotating blades. Carry out work on the equipment only when the blade is switched off and stationary.

Disconnect the plug before any work on the equipment.

Assembling the Curved Handle

Select the greatest cutting height to help mount the bar. See chapter, Adjusting the cutting height.

Mount the front wheel

1. Insert the two screws from the inside through the recesses on the front sheet steel housing (6).
2. Fix the front wheel (5) with the two washers and nuts.
3. Attach the front wheel (5) to the top of the lawnmower housing (6) with the nuts and bolts.

Installing the Handle Bar

1. Slide the two ends of the lower handle bar (3) into the receptor on the mower housing.
2. Fix the lower bar using the supplied wing screws (7).
3. Fasten the upper handle bar (1) using the tensioning levers (13).

Install/empty grass catchment basket

Caution: Do not operate the equipment with the grass collection box or impact protection installed incompletely. Risk of injury!

Assemble grass catchment basket:

1. Pull plastic loops (21) over basket rods (20).

Fixing the Grass Collection Box onto the Equipment:

2. Lift up shock protection (4).
3. Hook the grass collection box (10) into the mounting provided for this on the rear of the equipment. .
4. Release the impact protection (4). It holds the grass collection box in position.

Dismantling/Empty out the Grass Collection Box:

5. Lift the impact protection (4) and remove the grass collection box (10).
6. Empty catchment basket (see chapter „Disposal / Environmental Protection“) and re-install it.

Level gauge

The level gauge is located on the side of the grass catcher. The aerodynamic air guidance provided by the flap also optimises the filling.

GO Flap open: grass catcher empty

STOP Flap closed: grass catcher full

Switching On and Off

The red LED (17) above the release button will illuminate as soon as the lawn mower is connected to a power supply.

2. To relieve the strain, form a loop with the end of the power cable (14) and hang this into the strain relief (15).
3. Connect the equipment to the power supply.
4. Before switching on, ensure that the equipment is not in contact with any objects.
5. To switch on, press the release button (16) on the handle at the same time as pressing the start lever.
Release the release button (16).
6. To switch off, release the start lever (2).

Adjusting the Cutting Height

Switch off the equipment, disconnect the plug and wait for the blade to stop. There is a risk of injury.

The equipment has 6 positions for setting the cutting height (25-75 mm):

1. Pull the lever (9) outwards and push it to the desired position .
2. Push the lever back in.
3. Also set the appropriate height on the front wheel (5).

Pull the lever (22) outwards and push it to the desired position .

The correct height is around 25 – 40 mm for a decorative lawn and around 30 – 60 mm for a used lawn.

Adjust front wheel

The lawn mower is extremely flexible and manoeuvrable thanks to the special construction of the front wheels.

These are to be adjusted according to the specific situation as follows:

1. The alignment of the wheel is fixed once the clamping brackets (23) snaps into place. If the wheel is desired in another running direction, lift clamping bracket to release it. Bring wheel into new position and clamping brackets snaps into place once again.
2. Should the front wheels remain able to move freely, lift the clamping brackets (23) and do not place them in the opening, but rather set them on the plate beside it.

Operation

Operating times

Please check noise abatement regulations prevailing in your country.

Inserting power cable into cable holder

Insert the power cord into the strain relief as shown in the illustration.

Connecting to the mains

The mower operates from any normal household mains supply (230 Volt AC., 50 Hz), provided with a 13 Amps. fuse.

Note: Use a residual current device (RCD) rated for a residual current not greater than 30 mA.

Important! The front and back wheels must be set to the same height.

Starting and Stopping



The blade continues to rotate for a few seconds after the machine is switched off. Allow the motor/blade to stop rotating before switching “on” again.

Do not rapidly switch off and on.

starting:

1. Press and hold the safety button .
2. Squeeze the switch lever 2 towards the handle.
3. Release the safety button .

Stopping:

Release the switch lever 2.

Mowing :

Place the lawnmower on the edge of the lawn, as close to the power point as possible. Work away from the power point

Position the cable to opposite side(already cut)at the end of each turn.



When mowing do not allow the motor to labour particularly in heavy conditions. When the motor labours the speed of the motor drops and you will hear a change in the motor sound, when this occurs stop mowing, release the switch lever and raise the height of cut. Failure to do so could damage the machine.

Maintenance

Cleaning



Note: Disconnect electricity by unplugging cable at the socket before proceeding. Attention: keep hands clear of moving blade.

Clean mower thoroughly after each mowing with cloth or brush.

Do not spray with water.

Winter storage

- Clean mower thoroughly before storing away.
- Have your mower thoroughly checked once a year by an approved service center
- **Do not store it in a wet or humid place.**
- Keep all nuts, bolts, and screws tight to be sure the appliance is in safe working condition.
- Check the grass catcher frequently for wear or deterioration.
- Replace worn or damaged parts for safety.

Change of cutter blade



Stop, remove plug from the power supply and remove the collector.

If the blade is blunt, it can be sharpened by a specialist workshop. If the blade is damaged or showing signs of imbalance, it must be replaced .

1. Turn the equipment over.
2. Use sturdy gloves and hold the blade firmly (29). Use a spanner to turn the blade bolt (30) counter-clockwise from the motor spindle.
3. Install the new blade in the reverse order. Ensure that the blade is positioned correctly and the screw tightened firmly.

Important! Never remove the fan 1. Ensure that the fan is fix on the motor!

GB / DECLARATION OF CONFORMITY



BUILDER SAS

ZI, 32 rue Aristide Bergès – 31270 Cugnaux - France
Tel : +33 (0)5.34.502.502 Fax : +33 (0)5.34.502.503

declares that the machines:

ELECTRIC LAWN MOWER

Model: HTDE421RP

Serial No.: 20210105653-20210105862

the people name holding the technical file: Mr. Olivier Patriarca

have been designed in compliance with the following standards:

EN60335-1:2012+A11;EN60335-2-77:2010;EN62233:2008

EN55014-1:2016+A1+A2;EN55014-2:2015;

EN61000-3-11:2000;EN61000-3-2:2014

And in accordance with the following directives:

Directive Machine 2006/42/EC

Directive EMC 2014/30/EU

Rohs Directive (EU)2015/863 amending 2011/65/EU

noise Directive 2000/14/EC Annex VI & Directive 2005/88/EC

Measured sound power level: Max. 92,55 dB (A); K =1,34 dB

Guarantee sound power: 96 dB (A)

Notified body : Société Nationale de Certification et d'Homologation NB 0499 11, route de
Luxembourg L-5230 Sandweiler

Philippe MARIE / PDG
Cugnaux, 01-01-2021

HYUNDAI

WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

The warranty does not extend to:

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- **+33 (0)9.70.75.30.30**
- **<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.

Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- a) Empty the fuel tank.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).
- d) Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

Attention: all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

Reminder: the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

Information:

Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

HYUNDAI
POWER PRODUCTS

For Inquiries, Please Contact:

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