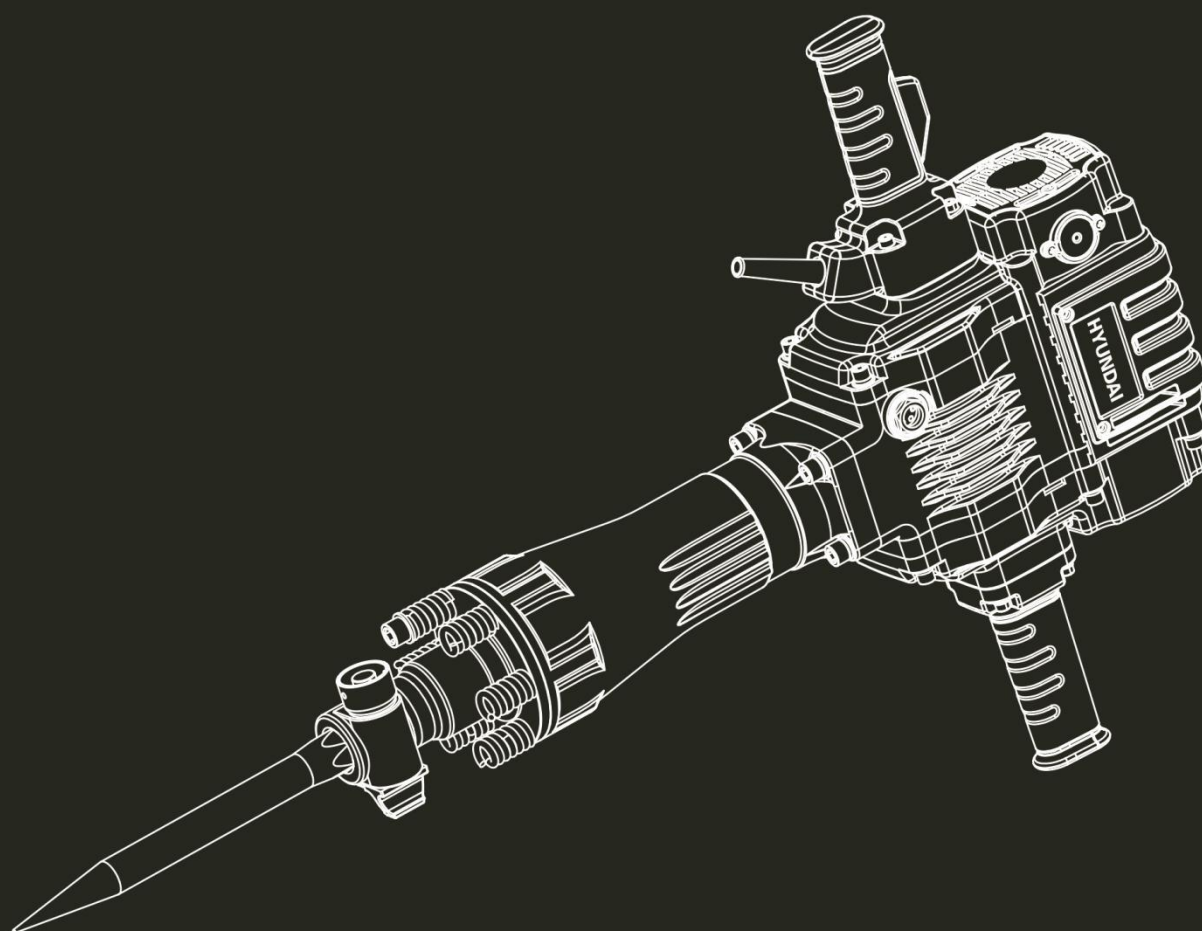


HYUNDAI
POWER PRODUCTS

JACKHAMMER

HDH2185

ORIGINAL INSTRUCTIONS



WARNING: Read thoroughly the instruction manual before using.

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1. SAFETY WARNINGS

⚠ WARNING Read all safety warnings and all instructions. *Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference. *The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

1) Work area safety

a) Keep work area clean and well lit. *Cluttered or dark areas invite accidents.*

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. *Power tools create sparks which may ignite the dust or fumes.*

c) Keep children and bystanders away while operating a power tool. *Distractions can cause you to lose control.*

2) Electrical safety

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. *Unmodified plugs and matching outlets will reduce risk of electric shock.*

b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. *There is an increased risk of electric shock if your body is earthed or grounded.*

c) Do not expose power tools to rain or wet conditions. *Water entering a power tool will increase the risk of electric shock.*

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. *Damaged or entangled cords increase the risk of electric shock.*

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. *Use of a cord suitable for outdoor use reduces the risk of electric shock.*

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. *Use of an RCD reduces the risk of electric shock.*

NOTE the term "residual current device (RCD)" may be replaced by the term "ground fault circuit interrupter (GFCI)" or "earth leakage circuit breaker (ELCB)".

3) Personal safety

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. *A moment of inattention while operating power tools may result in serious personal injury.*

b) Use personal protective equipment. Always wear eye protection. *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*

c) Prevent unintentional starting. Ensure the switch is in the off-position connecting to power source and/or battery pack, picking up or carrying the tool. *Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.*

d) Remove any adjusting key or wrench before turning the power tool on. *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*

e) Do not overreach. Keep proper footing and balance at all times. *This enables better control of the power tool in unexpected situations.*

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. *Loose clothes, jewellery or long hair can be caught in moving parts.*

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. *Use of dust collection can reduce dust-related hazards.*

h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. *A careless action can cause severe injury within a fraction of a second.*

4) Power tool use and care

a) Do not force the power tool. Use the correct power tool for your application. *The correct power tool will do the job better and safer at the rate for which it was designed.*

b) Do not use the power tool if the switch does not turn it on and off. *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. *Such preventive safety measures reduce the risk of starting the power tool accidentally.*

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. *Power tools are dangerous in the hands of untrained users.*

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. *Many accidents are caused by poorly maintained power tools.*

f) Keep cutting tools sharp and clean. *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*

g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. *Use of the power tool for operations different from those intended could result in a hazardous situation.*

h) Keep handles and grasping surfaces dry, clean and free from oil and grease. *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Service

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. *This will ensure that the safety of the power tool is maintained.*

Hammer safety warnings

a) Wear ear protectors. *Exposure to noise can cause hearing loss.*

b) Use auxiliary handle(s), if supplied with the tool. *Loss of control can cause personal injury.*

c) Brace the tool properly before use. *This tool produces a high output torque and without properly bracing the tool during operation, loss of control may occur resulting in personal injury.*

d) Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*

Residual risks






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

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

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

WARNING! This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.

Symbols

	Wear hearing protection while operating the power tool.
	"Warning – To reduce the risk of injury, user must read instruction manual"
	In accordance with essential applicable safety standards of European directives
	Protection class II / double insulation
	Guarantee sound power level

Intended use

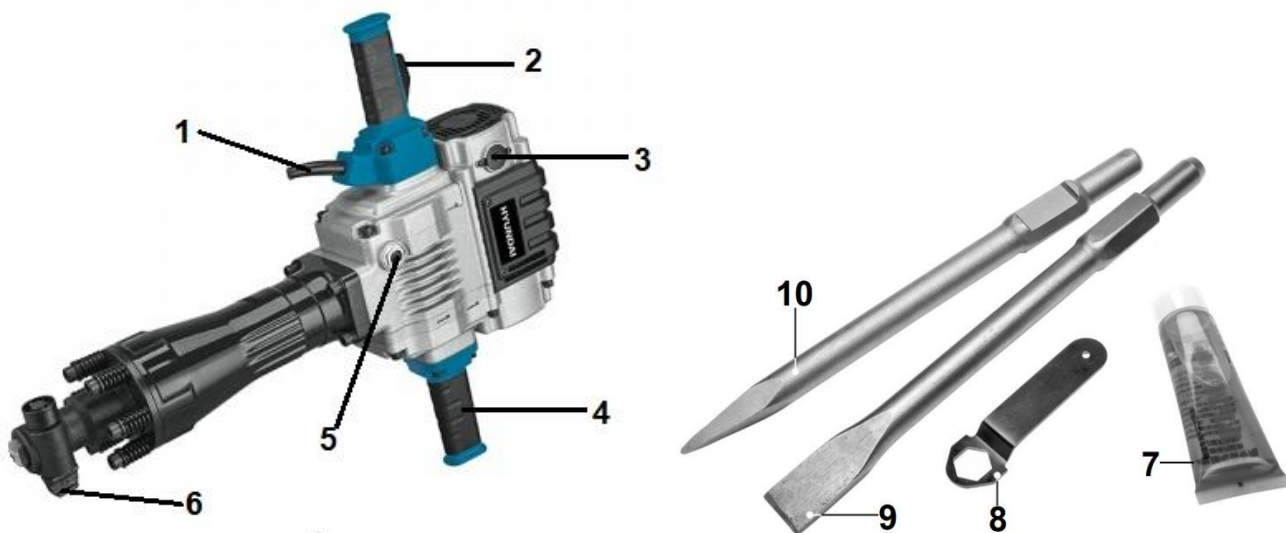
This machine is intended for hammer in concrete, brick and stone.

The product may not be used for working on materials that are dangerous to health.

This product is intended for private use only and may not be used for any commercial use. It must not be used for any purpose other than those described

2. YOUR PRODUCT

a. Description



- 1- Mains cable & plug
- 2- On/off trigger switch
- 3- Carbon brushes cover
- 4- T-handle
- 5- Oil reservoir

- 6- Tool retainer
- 7- Lubricant tube
- 8- Wrench
- 9- Flat chisel
- 10-Sharp chisel

b. Technical data

Model	HDH2185
Power	2100W
Voltage	230V~ 50Hz
Class protection	Class II
Guarantee sound power level	L _{WA} : 107dB(A)
Sound pressure level	L _{pA} : 80.99dB(A) K=2.82dB(A)
Sound power level	L _{WA} : 100.99dB(A) K=2.82dB(A)
Vibration	18.421m/s ² K= 1.5m/s ²

INFORMATION

- The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.



WARNING:

- The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed.
- Need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).
- Wear hearing protection.

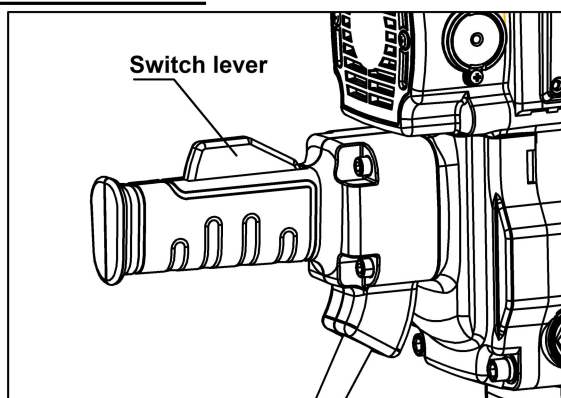
3. FUNCTION DESCRIPTION



CAUTION:

Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Switch action



CAUTION:

Before plugging in the tool, always check to see that the switch lever actuates properly and returns to the "OFF" position with released.

To start the tool, simply squeeze the switch lever. Release the switch lever to stop.

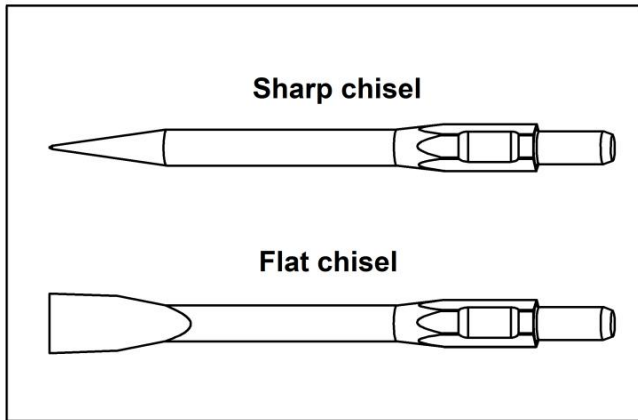
4. ASSEMBLY



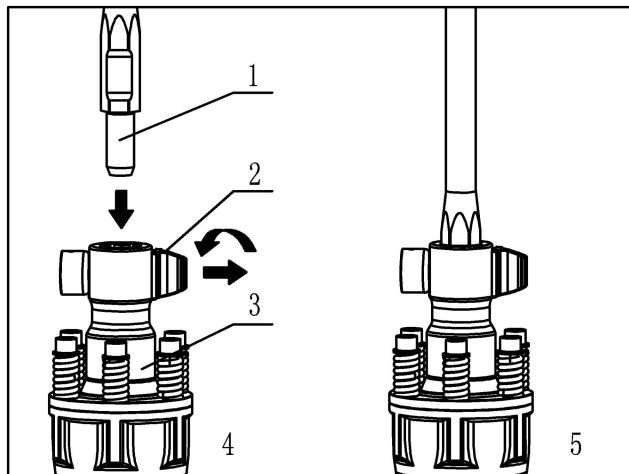
CAUTION:

Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

Installing or removing the bit



To install the bit, follow either procedure (1) or (2) described below.



Pull out the tool retainer (2) as far as possible and hold it.

Turn it through 180° and release it. It does not matter which direction you turn it in.

Insert the bit (1) with the flat side facing the bolt into the bit chuck (3) and slide it in as far as it will go.

Pull out the tool retainer (2) again and hold it.

Turn it through 180° again and release it. It does not matter which direction you turn it in.

Check the lock by pulling on the bit (1).

Removing the bit

To remove the bit (1), follow the steps in reverse.



CAUTION:

Always assure that the bit is securely retained by attempting to pull the bit out of the tool holder after completing the above procedure.

5. OPERATION

Chipping/Scaling/Demolition

Hold the tool firmly with both hands. Turn the tool on and apply slight pressure on the tool so that the tool will not bounce around, uncontrolled. Pressing very hard on the tool will not increase the efficiency.

Use

Be careful of hidden electrical lines or gas and water pipes. Check the working area, e.g. with a metal detector.

Check the product, power cord and plug as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.

Double check that accessories or application tools are properly fixed.

Always hold the product by its handles. Keep handles surfaces clean and dry to ensure safe support.

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

Switch the product off immediately if you are disturbed while working with it and when other people enter the working area. Always let the product come to a complete stop before putting it down.

Do not overwork yourself. Take regular breaks to ensure concentrated work and full control over the product.

- Plug the tool to the supply mains.
- Apply the tip of the bit on the tool to be worked.
- Push the trigger switch to start the operation.
- In some cases, it is necessary to punch the tip of the bit against the object being worked on in order to begin the striking stroke. This is not due to malfunction of the power tool. It means that the safe guard mechanism against no-load striking is working.
- Operate this demolition hammer by utilizing its own weight.
- Switch off and unplug the tool after the end of the operation.

The performance will not be better even if it is pressed or thrust forcibly against the work surface. Hold this demolition hammer with a force just sufficient to counteract the reaction force

6. MAINTENANCE AND STORAGE

Maintain your tool regularly. This will keep your tool in good working order and extend its lifespan. Do not use abrasive, caustic agents to clean the tool. These types of products will damage your tool.

Do not perform repairs by yourself. Repairs and inspection must be carried out by a competent person or at an authorized service center (please contact you service dealer).

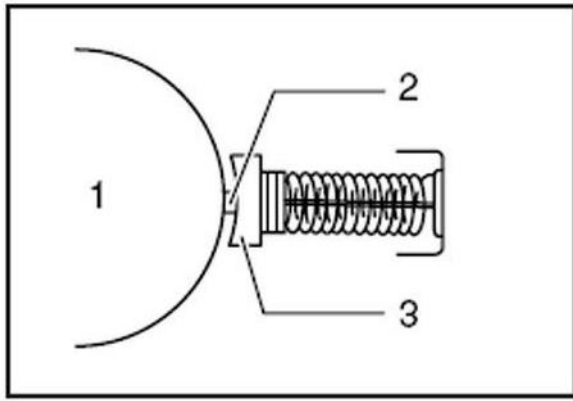
If the supply cord of this power tool is damaged, it must be replaced by a specially prepared supply cord available through the service organization.



CAUTION:

Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

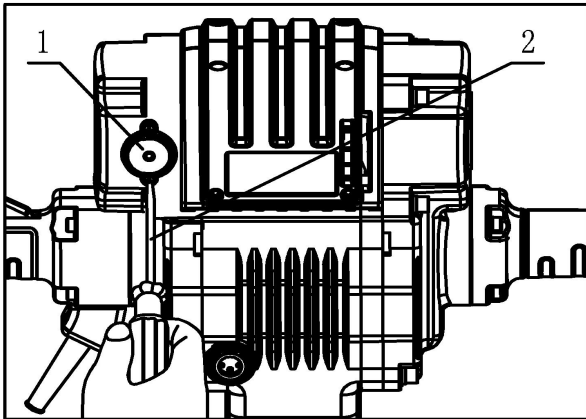
Carbon brush replacement



1. Commutator
2. Insulating tip
3. Carbon brush

When the resin insulating tip inside the carbon brush is exposed to contact the commutator, it will automatically shut off the motor. When this occurs, both carbon brushes should be replaced. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.

Use a screwdriver to remove the holder cap plate. Take out the worn carbon brushes, insert the new ones and secure the brush holder cap.



1. Holder cap plate
2. Screwdriver

Oil feeding

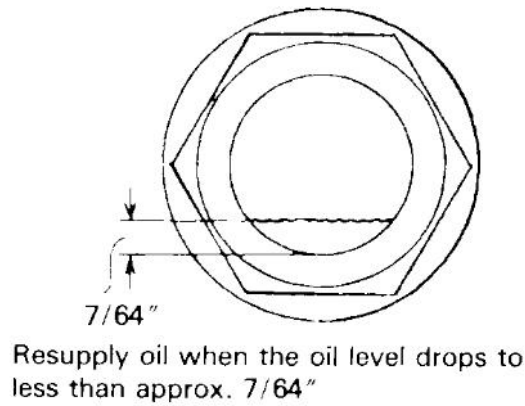
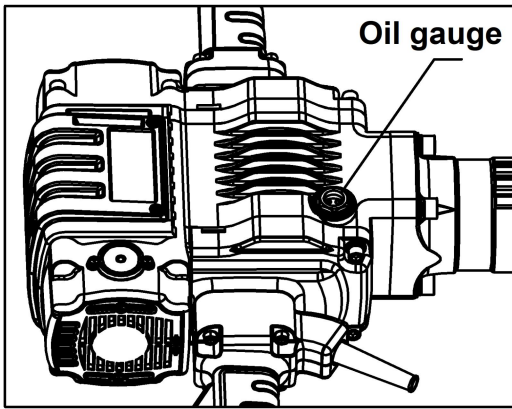
Caution: prior to oil feeding, always disconnect the plug from the power supply receptacle.

1. Chamber is built in this Electric Hammer, it can be used for approximately 20 days without supplying lubricating oil, assuming that the Hammer is used continuously 3~4 hours daily.
2. Feed oil into the oil tank as described below before using this Hammer. Just before no oil is visible in the oil gauge windows when the device is held upright, feed oil to warm it up. Before feeding oil, use the provided wrench to remove the oil gauge. Be careful not to lose the rubber packing attached below the oil gauge.
3. Check the oil level once daily, confirming that oil is filled.
4. After feeding oil, securely clamp the oil gauge.

Note: As an optional accessory, oil for the Electric Hammer (one liter) is sold separately.

When oil in the tank is depleted, Use this oil (Shell Oil Co. ROTELLA #40).

This oil is sold at Shell filling stations most anywhere.



After each use

Check the blade, cable and body of the tool (cleanliness, wear, damage, etc.). If you notice damage, wear, or malfunction, do not use the tool and bring it to a qualified service for inspection and repair.

Maintenance

There is no specific maintenance to be performed by the user. After each season, please bring the tool to an authorized service center to perform a general cleaning and the following operations:

1. Lubrication of the blade
2. Mechanical check of motor, spindle, bearings and housing.
3. Electrical check.
4. Electrical and mechanical performance.

Spare Parts

You can order the spare parts directly from our Service Center. Please place your order according to the type of the machine and the parts number given in the explosion drawing.

Storage

After use and cleaning, please store your tool.

Store the tool in a clean, dry place, preferably in its box.

During transport and storing always put the protection cover on the blade.

The tool must be stored away from children and pets.

Avoid exposing the tool to direct sunlight.

7. DISPOSAL



Electrical products should not be discarded with household products. According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation into national law, electrical products used must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

8. DECLARATION OF CONFORMITY



BUILDER SAS

32 rue Aristide Bergès - Z.I. du Casque - 31270 Cugnaux - France

Declares that the machinery designated below:

JACKHAMMER

Model: HDH2185

Serial number: 20231202256-20231202870

Complies with the provisions of the Directive « machinery» 2006/42/EC and national laws transposing it:

Also complies with the following European directives:

EMC Directive 2014/30/EU

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

Noise directive 2000/14/EC+ Annex VI & 2005/88/EC

Guarantee sound power level: 107dB (A)

Measured sound power level: 100.99dB (A) K=2.82dB (A)

Notified body: Ente Certificazione Macchine S.r.l NB: 1282

Also complies with European standards, with national standards and the following technical provisions:

EN 62841-1:2015+A11:2022

EN IEC62841-2-6:2020+A11:2020

EN IEC55014-1:2021

EN IEC55014-2:2021

EN IEC61000-3-2:2019+A1:2021

EN IEC61000-3-11:2019

The technical documentation is kept by: Olivier Patriarca

Philippe MARIE / PDG

Cugnaux, 02/08/2023

9. WARRANTY

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).



10. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank if your product has one.
- 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 if your product has one..
- 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.



11. 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



GENUINE PRODUCT OF
HYUNDAI CORPORATION

For inquiries, please contact:

BUILDER SAS

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<http://www.hyundaipower-fr.com/>

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Importée par BUILDER SAS, France

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