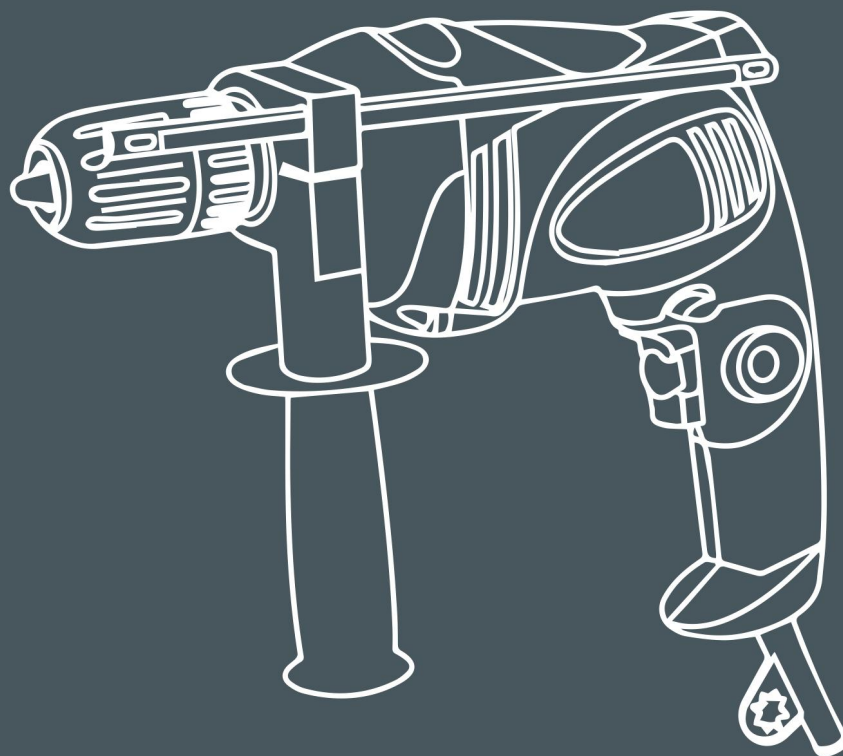


HYUNDAI
POWER PRODUCTS

IMPACT DRILL

HVP810W

ORIGINAL INSTRUCTIONS



GENERAL POWER TOOL SAFETY WARNINGS



WARNING! – To reduce the risk of injury, user must read instruction manual



Class II appliance



Always wear eye protection



Always wear ear protection



In accordance with essential applicable safety standards of European directives

General power tool safety warnings

WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "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.*

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 a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*

c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising 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 and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*

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

h) **Do not let familiarity gained from frequent use of 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 remove the battery pack, if detachable, 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 and accessories. 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.*

Drill safety warnings

1) Safety instructions for all operations

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

b) **Use the auxiliary handle(s).** *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.*

NOTE 3 The above warning applies only for tools with a maximum output torque greater than 100 Nm measured in accordance with 19.102.

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.*

NOTE 4 For drills that can also be used as screwdrivers, the words "or fasteners" are added after "cutting accessory".

2) Safety instructions when using long drill bits

a) **Never operate at higher speed than the maximum speed rating of the drill bit.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*

b) **Always start drilling at low speed and with the bit tip in contact with the workpiece.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*

c) **Apply pressure only in direct line with the bit and do not apply excessive pressure.** *Bits can bend causing breakage or loss of control, resulting in personal injury.*

TECHNICAL SPECIFICATION

Voltage supply	230V~
Frequency	50Hz
Rated Power	810W
No-load speed	0-3000min ⁻¹
Chuck Capacity	Ø 13mm
Protection class:	Class II
Sound pressure level	92dB(A) K=3 dB(A)
Sound power level	103dB(A) K=3 dB(A)
Vibration level:	ah, $I_{ID}=14.47\text{m/s}^2$ $K_{ID}=1.5 \text{ m/s}^2$
	ah, $D=3.31\text{m/s}^2$ $K_D=1.5 \text{ m/s}^2$



ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).

Information:

- The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool with another;
- The declared vibration total value may also be used in a preliminary assessment of exposure.

Warning:

- The vibration emission during actual use of the power tool can differ from the declared total value depending on the ways in which the tool is used;
- 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).



1. Chuck
2. Drill/hammer drill selector switch
3. Left/right switch
4. Speed control switch
5. On/off switch
6. Locking button

1. DRILL SAFETY PRECAUTIONS

- 1) Make sure that the tool is only connected to the voltage marked on its nameplate.
- 2) Never use a tool if its cover or any bolts are missing. If the cover or bolts have been removed, replace them prior to use. Maintain all parts in good working order.
- 3) Always secure tools when working in elevated positions.
- 4) Never touch the blade or other moving parts during use.
- 5) Never start a tool when its rotating component is in contact with the workpiece.
- 6) Never lay a tool down before its moving parts have come to a complete stop.
- 7) Make sure drill bit is securely mounted. An improperly mounted bit is extremely dangerous since it can fly off or break during drilling.
- 8) Don't wear cloth gloves or a necktie since they could become caught in a rotating bit.
- 9) Hold the tool securely with both hands. If not held securely, accidents or injury may result.

- 10) Never touch the chuck or metal body parts when drilling walls, floors or other surfaces (double insulated drills only).
- 11) Hearing protection should be worn.
- 12) Wear ear protectors with impact drills. Exposure to noise can cause hearing loss.
- 13) Use auxiliary handles supplied with the tool. Loss of control can cause personal injury.
- 14) Hold 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.

2. APPLICATIONS. (Use only for the purpose listed below)

- 1) Drilling wood metal and resin boards.
- 2) Drilling concrete.

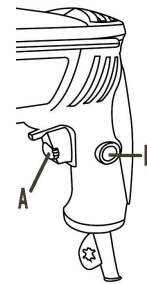
3. SWITCHES.

Your drill starts and stops by squeezing and releasing the switch. For continuous operation, press the lock button while the switch is fully depressed. To release the lock, squeeze the switch again.

4. SPEED CONTROL SWITCH

Your drill has a variable speed control mechanism designed to allow the operator control and adjustment of speed and torque limits. The speed and torque of you drill can be increased or decreased by pressure to the trigger.

- 1) Temporary operation
Start: Press Switch A
Stop: Release Switch A.
- 2) Continuous operation
Start: Press Switch A, then lock the switch pressing Knob B
Stop: Press Switch A, then release.



5. IMPACT AND WITHOUT IMPACT MECHANISM

- 1) To work without impact, as a normal drill, push the change block through the point where a drill is printed.
- 2) To work with impact, push the block on the place where a hammer is printed.

6. INSTALL/REMOVE A DRILL BIT

- 1) Open the chuck by turning the chuck counterclockwise.
- 2) Insert the bit shaft into the chuck.
- 3) Insert the chuck key into each hole in the side of the chuck and turn clockwise until tight.
- 4) To remove the drill bit, insert the chuck key into each hole in the side of the chuck and turn counter clockwise until loose.

7. OPERATING

Never cover air vents since they must always be open for proper motor cooling.

- 1) DRILLING IN WOOD. To prevent ugly splits around the drilling on the reverse side of the workpiece, place a scrap piece of timber beneath the material to be drilled.
- 2) DRILLING IN METAL. Metals such as steel brass and aluminum sheets stainless steel and pipe may also be drilled. Mark the point to be drilled with a nail or a punch.
- 3) DRILLING IN CONCRETE. Rock and masonry are generally drilled in the impact mode.

When drilling delicate materials such as wall tiles, it is essential to start with ordinary drilling and once the tile is pierced, to continue with impact drilling. In deep bore the drill bit should be pulled out occasionally in order to remove the dust and chips from the hole.

8. AUXILIARY HANDLE AND DEPTH STOP

Install the auxiliary handle on the head of the housing and insert the depth stop in the hole provided. The auxiliary handle can swivel 360° for the most comfortable position and classiest operation. The stop helps keep an accurate depth when drilling holes.

9. MAINTENANCE

- 1) Don't make any adjustments while the motor is in motion.
- 2) Always disconnect the electric cord from the power source before mounting the drill bit, changing brushes or lubricating.
- 3) After use, check your tool to keep it in top condition.
- 4) Clean out accumulated dust.
- 5) When the carbon brushes are worn to the standard line, they must be replaced. If the carbon brushes need to be replaced, have this done by a qualified repair person. (Always replace the two brushes at the same time.)
- 6) Disconnect the mains plug before conducting any maintenance on the tool.



CAUTION! This product has been marked with a symbol relating to removing electric and electronic waste. This means that this product shall not be discarded with household waste but that it shall be returned to a collection system which conforms to the European WEEE Directive. Contact your local authorities or stockist for advice on recycling. It will then be recycled or dismantled in order to reduce the impact on the environment. Electric and electronic equipment can be hazardous for the environment and for human health since they contain hazardous substances.

Warranty

We guarantee this product for 2 full years.

The warranty period for this item starts on the day of purchase. You can prove the date of purchase by sending us the original receipt.

We insure over the entire warranty period:

- Free repair of possible malfunctions.
- Free replacement of damaged parts.
- Including the free service of our specialized personnel (i.e. free assembly by our technicians)

Provided that the damage is not due to improper use of the device.

To help you with your product, we invite you to use this link or call us on +33 (0)9 70 75 30 30:

<https://services.swap-europe.com/contact>

You must create a "ticket" via their platform:

- Register or create your account
- Indicate the reference of the tool
- Choose the subject of your request
- Explain your problem
- Attach these files: Invoice or receipt, identification plate photo (serial number), photo of the part you need (eg broken transformer plug pins)



DECLARATION OF CONFORMITY



BUILDER SAS

ZI, 32 rue Aristide Bergès – 31270 Cugnaux – France

Declares that the machinery designated below:

IMPACT DRILL

HVP810W

S/N: 20200135459-20200138458

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature);

2006/42/EC

2014/30/EU

2011/65/EU &(EU)2015/863

European harmonized standards (including, if applicable, their amendments up to the date of signature);

EN62841-1:2015+AC:15

EN62841-2-1:2018

EN55014-1: 2017

EN55014-2:2015

EN61000-3-2: 2014

EN61000-3-3: 2013

Cugnaux, le 19/11/2019

A handwritten signature in black ink, appearing to read 'Philippe MARIE', is written over a faint, circular stamp or watermark.

Phillipe MARIE / PDG

Responsible of technical file: M. Olivier Patriarca

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