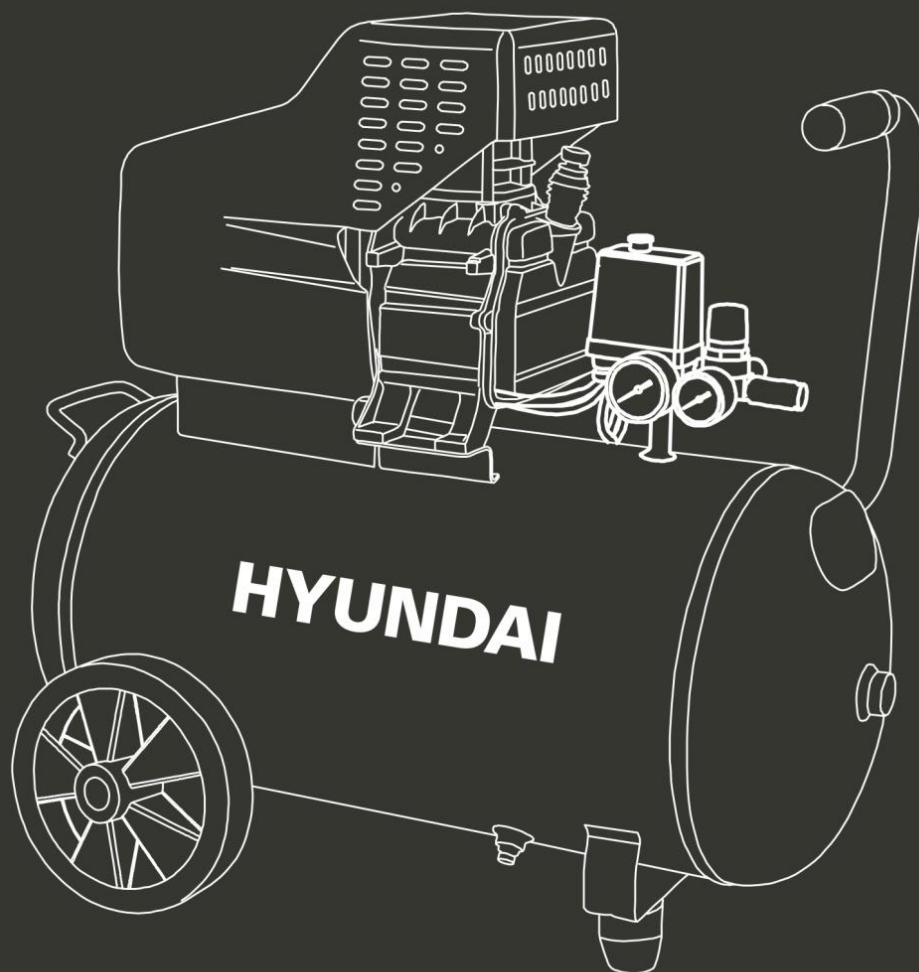


HYUNDAI
POWER PRODUCTS

AIR COMPRESSOR

H50CV-B

ORIGINAL INSTRUCTIONS



CAUTION Read the instructions before using the machine!

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1. SAFETY INSTRUCTIONS

Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property.

Please retain instructions for future reference.

GENERAL SAFETY INSTRUCTIONS

Before attempting to operate this compressor the following basic safety precautions should always be taken to reduce the risk of fire, electric shock and personal injury. It is important to read the instruction manual to understand the application, limitations and potential hazards associated with any tool. They are designed for the safety of yourself and others, ensuring a long and trouble free service life from your machine.

1) Work Area

- This machine is for home use. Workbenches should be kept tidy because cluttered benches and work areas invite accidents. Floors should be kept clean and free from rubbish. Special care should be taken if the floor is slippery due to sawdust or wax.
- For safety, it is required to install the circuit breaker before air compressor plugs into socket.
- For this 2.0HP air compressor, the recommended circuit breaker size is 250VAC, 40AMP.

2) Work Environment

- Keep the work area well lit.
- Do not use compressor in areas where there is a risk of explosion or fire from combustible materials, flammable liquids, e.g., paint, varnish, petrol etc or flammable gases and dust of an explosive nature.

3) Guard Against Electric Shock

- Do not expose your compressor to rain, or use in damp or wet locations.

4) Beware Children and Pets

- Children and pets should be kept out of the work area.

5) Use the right tool

- Select the right tool for the job. Do not use a tool for a job for which it was not designed.
- Do not force a small tool to do the job of a heavy-duty tool.

6) Personal safety Clothing

- Do not wear loose clothing, jewellery or anything that could get caught in moving machinery.

7) Hair

- Long hair should be tied back or contained in a protective covering.

8) Eye Protection

- Always use protective safety goggles or safety glasses.

9) Noise Level

- A-weighted sound power level, L_{WAd} : 75dB(A), K_{WAd} : 3dB(A)
- A-weighted emission sound pressure level, L_{PAAd} : 85dB(A), K_{PAAd} : 3dB(A) In accordance with EN ISO 2151:2008

10) Ear Protection

- Ear protection is advised during periods of extended operation.

11) Footwear

- Where there is a risk of heavy objects damaging feet or if there is a risk of slipping on wet or slippery floors suitable non-slip safety footwear should be worn.

12) Secure the Work Piece

- Wherever possible secure the work piece using clamps or a vice. It is safer than using your hand and leaves both hands free to control the air tool.

13) Do Not Over-reach

- Do not over-reach, keep proper footing and maintain your balance at all times.

14) Maintain Tools with Care

- Keep cutting tools sharp and clean for better and safer performance.
- Follow the instructions for lubricating and changing accessories.
- Check the tool power cord periodically and if damaged have it replaced by an authorized service facility.
- Keep handles dry, clean and free from oil and grease.
- Ensure that ventilation slots are kept clean and free from dust at all times.
- Blocked ventilation slots can cause overheating and damage to the motor.

15) Stay Alert

- Watch what you are doing, use common sense, and do not operate the air tool when you are tired or have taken medication that causes drowsiness, consumed alcohol or drugs.

GENERAL WARNINGS FOR COMPRESSORS

- 1) Do not attempt to modify the compressor in any way.
 - 2) The use of any tools or accessory other than those designed for use with compressed air could result in injury to the operator.
 - 3) The output pressure of the compressor should be adjusted to the design pressure of the air tool or accessory being used.
 - 4) Always check that the output of the compressor does not exceed the maximum pressure for any attached tool or accessory.
 - 5) Repairs should only be carried out by qualified persons using original spare parts. Failure to do so may result in considerable danger to the user.
- 6) Breathable Air Warning**
- This compressor/pump is not equipped for, and should not be used to supply breathing quality air for any application of air for human consumption.
- 7) Overload protection.**
- This compressor is fitted with an overload protection device. In the event that the motor becomes too hot, a thermal protection device will cut the mains supply to the motor. When the motor temperature returns to normal the mains supply will be restored automatically.
- 8) Extension Cords and Reels**
- In general, it is not recommended to use an extension lead. A longer air line is recommended as voltage drop on extension leads may lead to motor damage and will void warranty. If an extension cord must be used, for lengths up to 5 metres, an approved 15 amp rated cord must be used.
- 9) Do Not Abuse the Power Cord**
- Never yank or pull on the power cord to disconnect it from the mains supply socket.
 - Never carry or drag your compressor by its power cord.
 - Keep the power cord away from heat, oil, solvents and sharp edges.
 - If the power cord becomes damaged have it replaced by an authorized service facility.
- 10) Check Damaged Parts**
- Before using the compressor it should be carefully checked to determine that it will operate properly and perform its intended function.
 - Check for the correct alignment of moving parts ensuring they do not bind.
 - Check for broken or missing parts and have them replaced or repaired at an authorized service centre.

- Check any other condition that may affect the operation of the compressor.
- A guard or any other part of the compressor that is damaged should be properly repaired or replaced by an authorized service centre.

11) Disconnect Compressor

- Ensure that the compressor is disconnected from the mains supply and the tank is empty when not in use, before servicing, lubricating or making adjustments to air lines, and when changing accessories such as blades, bits, nails and cutters on air tools.

12) Avoid Unintentional Starting

- Ensure that the switch is in the OFF position before plugging the compressor into the mains supply

13) Turning the compressor ON and OFF

- Use the red knob on top of the pressure switch to turn the unit on and off.
- Pull the knob up to turn the compressor on and push the knob in to turn it off.
- Turning the unit on and off from the mains supply only will result in damage to the motor and void warranty as the pressure switch has an additional function to purge the air trapped in the delivery pipe when the motor is turned off. This minimises the load on the motor when it is next started.

SAFETY SYMBOLS AND LABELS

IMPORTANT:

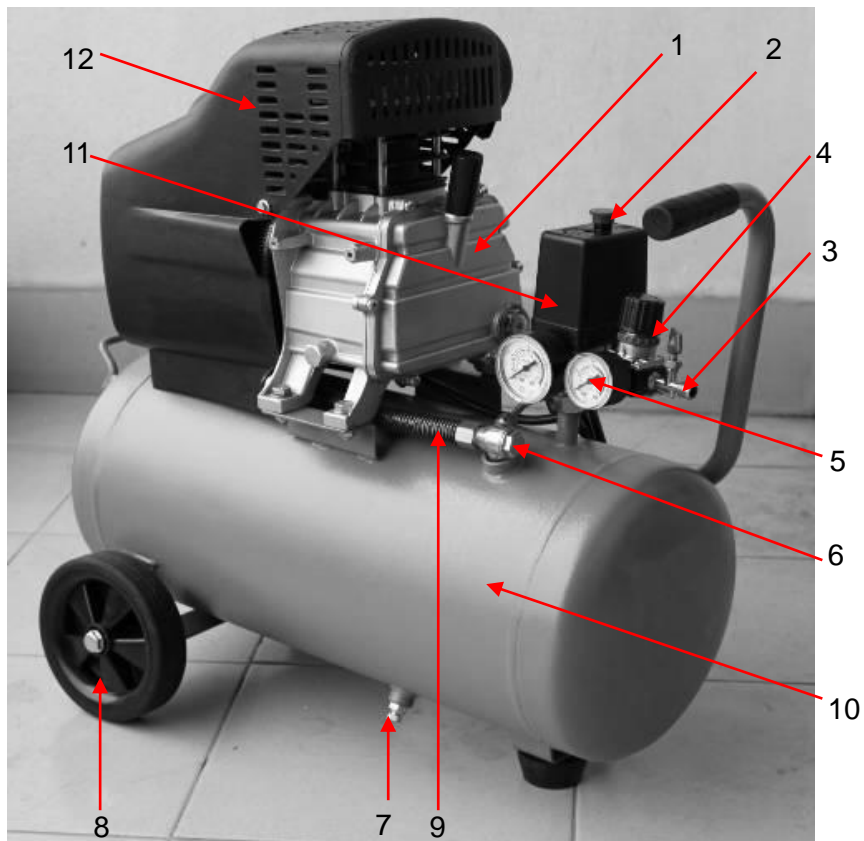
- The following symbols may be used on the machine. Please read them to understand their meaning.
- Compliance with the instructions in the manual allows the device to be used more efficiently, reducing risks.



- Read the operating instructions.
- Wear ear protection.
- Do not open the valve before connecting the air hose.
- The device can be switched on automatically.
- Risk of high temperature.
- Risk of electric shock.
- Do not use the portable compressor with the door or fence open.

2. PRODUCT DESCRIPTION

PART LIST



- | | | |
|-----------------------|---------------------|------------------|
| 1) Main Compressor | 5) Pressure Gauge | 10) Air Tank |
| 2) Pressure Switch | 6) Non-Return Valve | 11) Safety Valve |
| 3) Outlet Valve | 7) Drain Cock | 12) Fan Cover |
| 4) Pressure Regulator | 8) Wheel | |
| | 9) Discharge Pipe | |

Note: Fittings may differ from those shown above.

TECHNICAL FEATURES

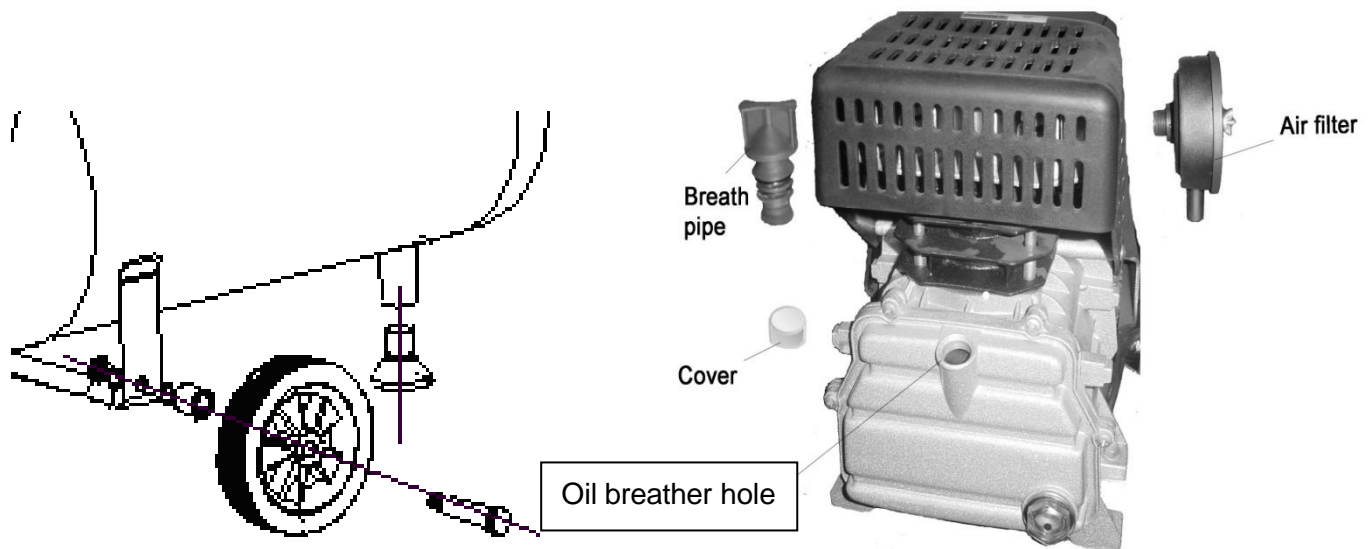
Power supply	230V AC / 50Hz
Max power	1.5W/2.0HP
Max rotation speed	2850 min ⁻¹
Air tank capacity	50 L
Maximum working pressure:	8 bar
Maximum pressure allowed:	12 bar
Sizes(L*W*H)	69x40x65cm
Net weight/ Gross weight	30kg

3. ASSEMBLY

This air compressor requires some minor assemble before it can be used. Locate the accessory pack. It should contain:

- Wheels and axle set
- Rubber stopper
- Air Filter
- Oil Breather plug
- A bottle of oil

- 1) Fit the wheels to the unit using the axle kit provided and insert the rubber stopper into the spigot on the bottom of the tank.
- 2) Fit the air filter to cylinder head of the compressor.
- 3) Locate the plastic dust plug in the oil breather hole and remove it to expose the oil breather hole.



Warning: This unit is shipped with oil in the compressor pump.

- 4) Usually check the oil level in the pump. Please fill the oil from the oil breather hole until the oil reaches the red mark on the sight glass.



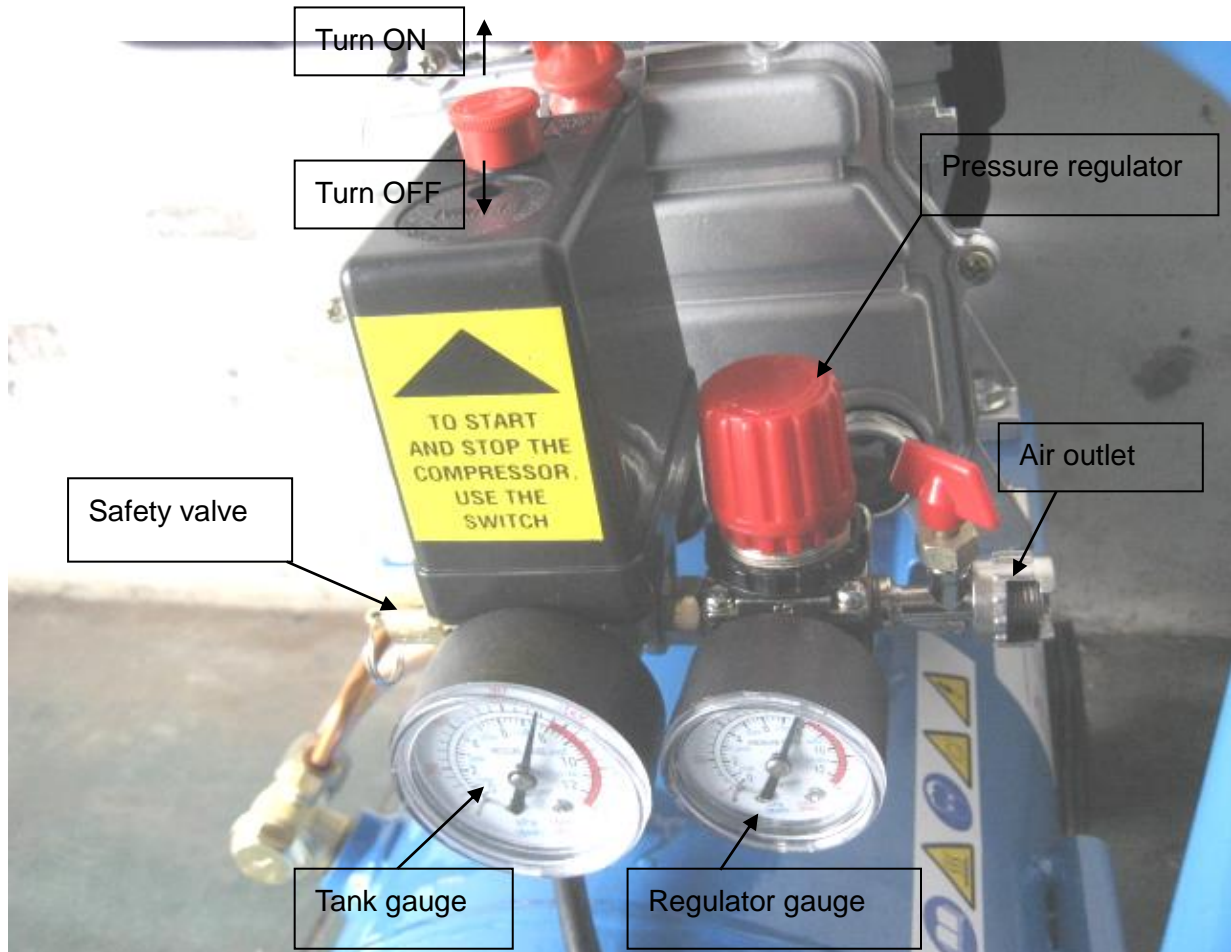
- 5) Check that the small hole in the top of the breather pipe is clear and then insert it into the oil filler hole.

NOTE:The oil must be changed after the first 10 hrs of operation then every 20 h thereafter.

Recommend compressor oil: Use SAE30 for temperatures over 10°C and use SAE10 below 10°C

4. INITIAL STARTUP AND OPERATION

- Ensure the unit is stable in a well-ventilated dry position.
- Ensure that the drain valve is closed and all air outlets are closed.
- Connect the power lead to the mains.
- Start the compressor by pulling on the red knob.
- Check for air leaks.



Note: Output fittings may differ from those shown

Warning: Use the red knob to turn the unit on and off, not the mains switch. Turning the unit on and off from the mains only will result in damage to the motor.

- The pressure in the tank is controlled by the action of the pressure switch located under the pressure switch cover
- When the set maximum pressure is reached the pressure switch activates and the motor is turned off. The pressure will then decrease as the air is used until the set minimum is reached after which the pressure switch turns the motor on again.
- The operator of the compressor should be well aware that during use of the compressor the motor will cycle (start and stop) under the influence of the rising or falling pressure in the tank and the motor will start without any warning.
- The maximum and minimum pressures are factory set and should not be altered.
- You can utilize either the direct outlet and/or the regulated outlet.
- The pressure of the regulated outlet can be changed by turning the control knob. Rotate the knob clockwise to increase pressure and anti-clockwise to decrease.

5. MAINTENANCE

Warning: Before maintenance operation, stop the air compressor, disconnect the unit from the mains supply and discharge all air in the air tank.

Daily

- Check oil level before each use.
- Drain the condensation from the air receiver.
- Check for air leaks.

Weekly

- Remove air filter element and clean or replace as required.

Monthly

- Inspect non-return valve (clean or replace as required)
Caution: ensure that air the tank is empty for this operation.
- Manually test the safety valve by pulling the ring.

Three Monthly

- Change Oil
- Tighten cylinder head bolts.
- Clean and check valve assembly, replace gaskets/ valves if worn or damaged.

Recommend compressor oil use SAE30 for temperatures over 10°C and use SAE10 below 10°C.

6. TRANSPORT AND STORAGE

- Do not tilt the compressor during transport to avoid spilling compressor oil.
- Do not place objects on the compressor during transport.
- Due to its heavy weight, it should be carried by two people for transport or lifting equipment should be used for loading on a truck.
- The compressor should be cleaned before storing it in a dry, ventilated and dust-free area.

7. TROUBLESHOOTING

Trouble	Possible causes	Remedies
Motor unable to run or running slow	(1) Fault in line, or voltage insufficient (2) Power wire too thin or too long (3) Fault in pressure switch (4) Fault in motor (5) Sticking of main compressor (6) The inner thermal protector on motor cut off	(1) Check the line (2) Replace the wire (3) Repair or replace (4) Repair or replace (5) Check and repair (6) Compressor works too hard, turn off the power and wait for 10-15 minutes to cool down motor and restart.
Sticking of main compressor	(1) Moving parts burnt due to insufficient oil (2) Moving parts damaged, or stuck by foreign body	Check crankshaft, bearing, connecting rod, piston, piston ring, etc. and replace if necessary
Excessive vibration or abnormal noise	(1) Connecting part loose (2) Foreign body got into main compressor (3) Piston knocking valve seat (4) Moving parts seriously worn	(1) Check and retighten (2) Check and clean away (3) Replace with thicker paper gasket (4) Repair or replace
Pressure insufficient or discharge capacity decreased	(1) Motor running too slow (2) Air filter choked up (3) Leakage of safety valve (4) Leakage of discharge pipe (5) Sealing gasket damaged (6) Valve plate damaged, carbon build up or stuck (7) Piston ring and cylinder worn or damaged	(1) Check and remedy (2) Clean or replace the cartridge (3) Check and adjust (4) Check and repair (5) Check and replace (6) Replace and clean (7) Repair or replace
Excessive oil consumption	(1) Oil level too high (2) Breath pipe choked up (3) Piston ring and cylinder worn or damaged	(1) Keep the level within set range (2) Check and clean (3) Repair or replace

8. DISPOSAL



Selective collection of electrical and electronic equipment waste.

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

9. EC DECLARATION OF CONFORMITY



Declaration of Conformity

BUILDER SAS

ZI, 32 rue aristide Bergès – 31270 Cugnaux - France

Declares that the machinery designated below:

AIR COMPRESSOR

H50CV-B

S/N : **20220723999-20220724398**

Complies with the provisions of the Directive "machinery" 2006/42/EC and regulations National transposing it;

Also complies with the following European directives:

EMC Directive 2014/30/EU

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

Noise emission Directive 2000/14/EC Annex VI and Directive 2005/88/EC

Also complies with European standards, national standards and provisions following techniques:

EN 1012-1 :2010

EN 61000-6-1 :2007

EN 61000-6-3 :2007/A1 :2011

EN60204-1:2006+A1:2009

EN 62321:2009

Sound power level: 75dB(A),K=3dB(A)

Guaranteed sound power level: 97dB(A)

Cugnaux: 20/05/2022

Philippe MARIE/CEO

10. WARRANTY

HYUNDAI

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).



11. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- Empty the fuel tank if your product has one.
- 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:

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

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.



12. 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:

BUILDER SAS

32, Rue Aristide Bergès Z1 31270 Cugnaux, France

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

Fabriqu  en R publique Populaire de Chine(PRC)