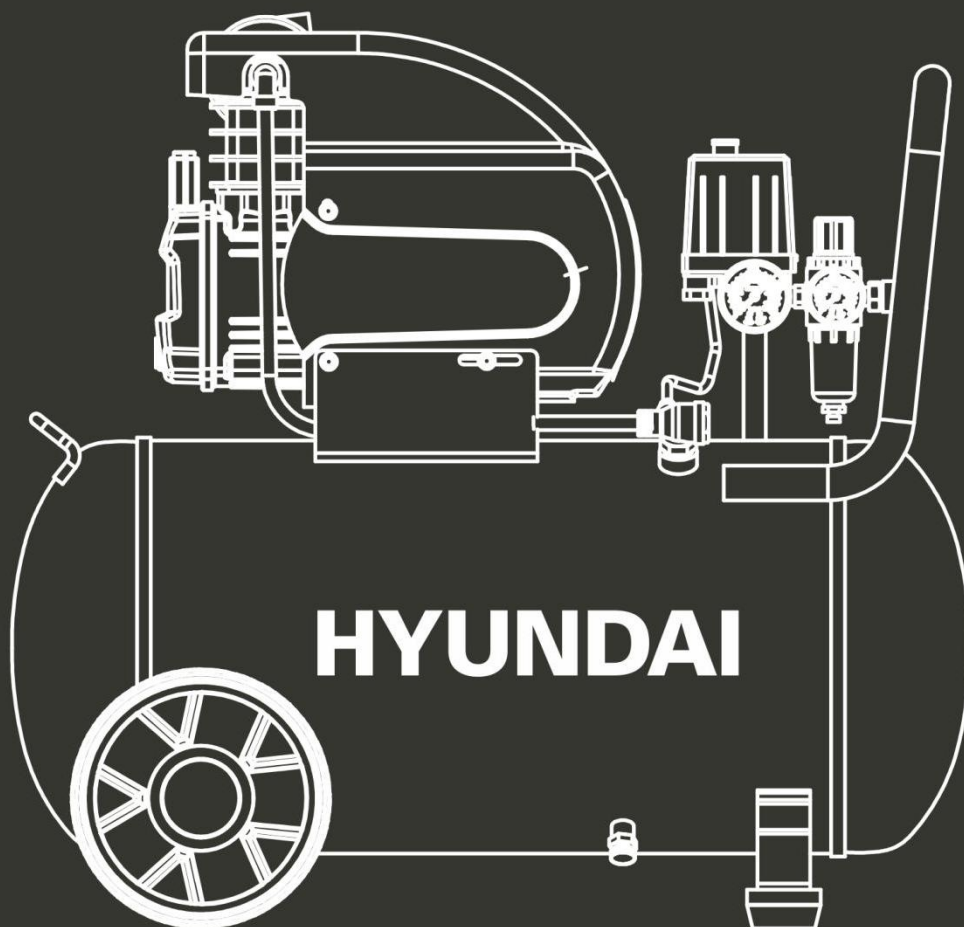


HYUNDAI
POWER PRODUCTS

AIR COMPRESSOR

H50CV-C

ORIGINAL INSTRUCTIONS



WARNING: Read thoroughly the instruction manual before using.

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1. INTENDED USE

The compressor is designed for generating compressed air for tools operated by compressed air. The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse.' The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

2. 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) Ear Protection

- Ear protection is advised during periods of extended operation.

10) 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.

11) 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.

12) Do Not Over-reach

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

13) 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.

14) 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 minimizes the load on the motor when it is next started.






SAFETY SYMBOLS

IMPORTANT:

The following symbols may be used on the machine. Please read them to understand their meaning.

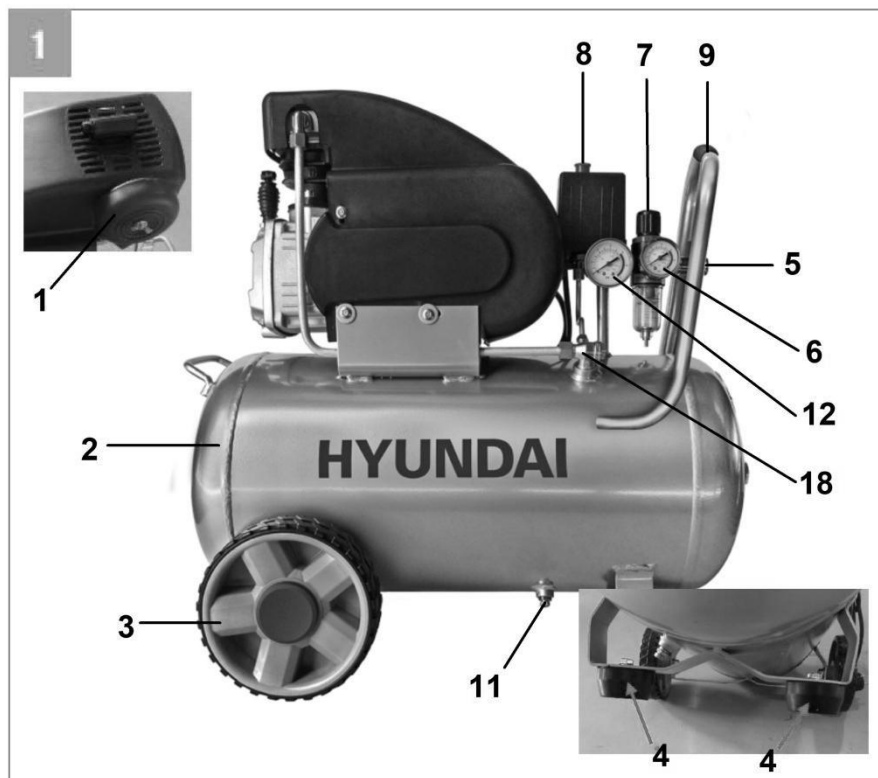
Compliance with the instructions in the manual allows the device to be used more efficiently, reducing risks.

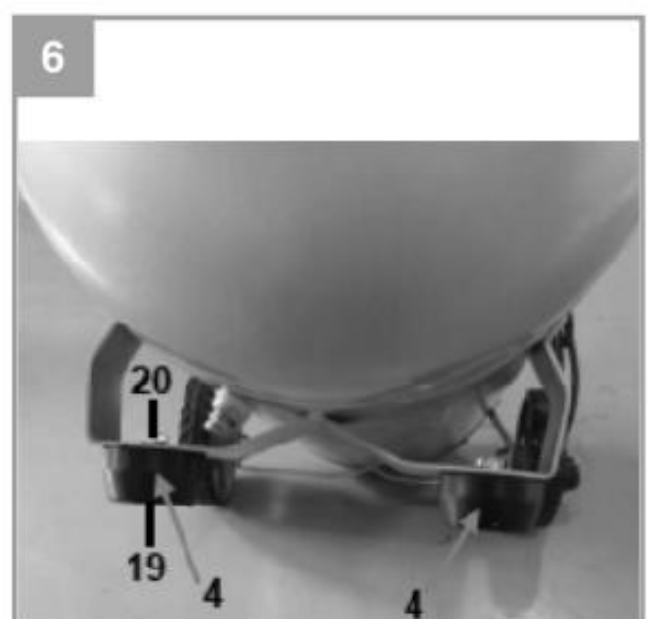
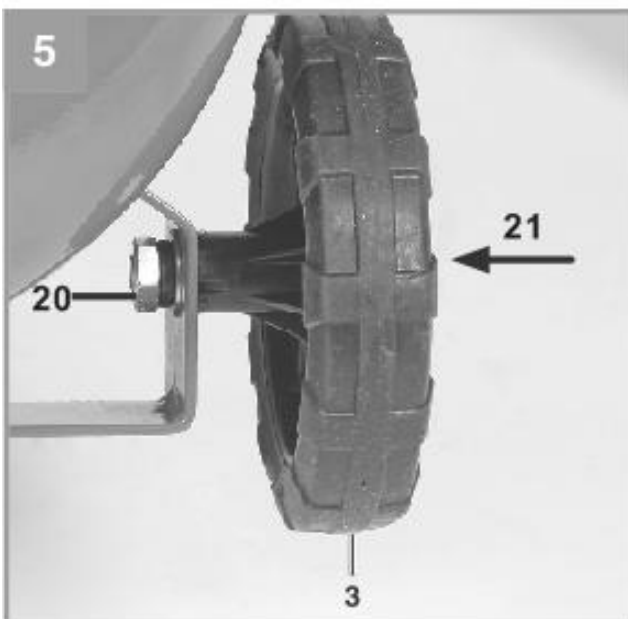
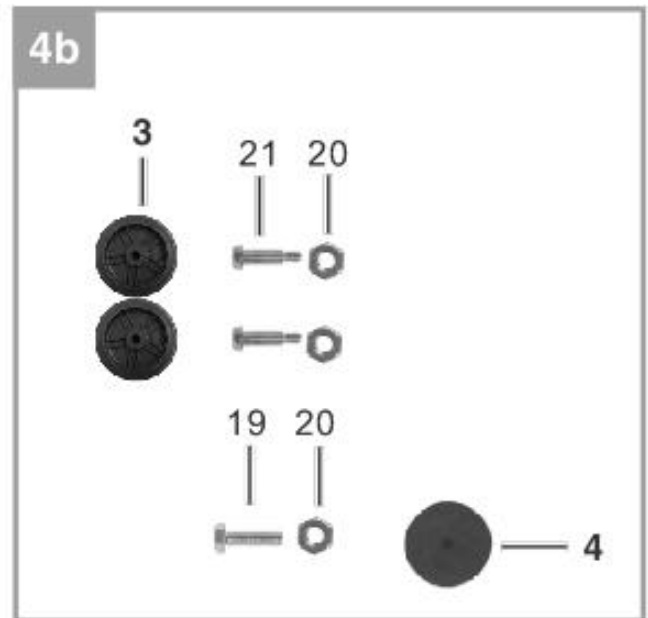
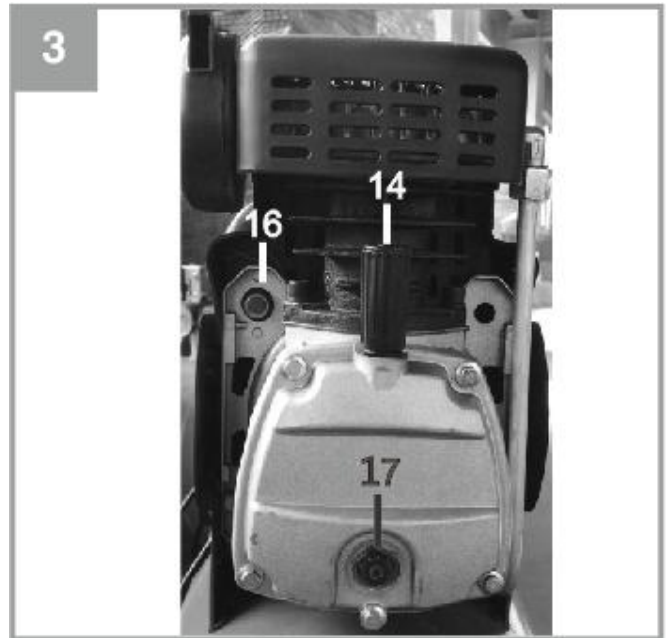
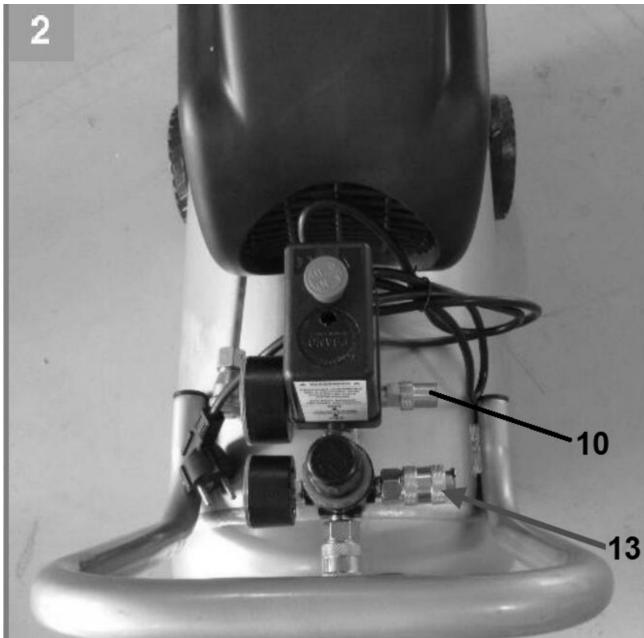
	Security standards.
	To reduce the risk of injury, the user must read and understand this manual before using this product.
	Wear eye protection.
	Wear ear protection.
	Risk of electric shock.
	Risk of high temperature.
	Do not use under rain and in damp environment.
	Warning! The equipment is remote-controlled and may start-up without warning

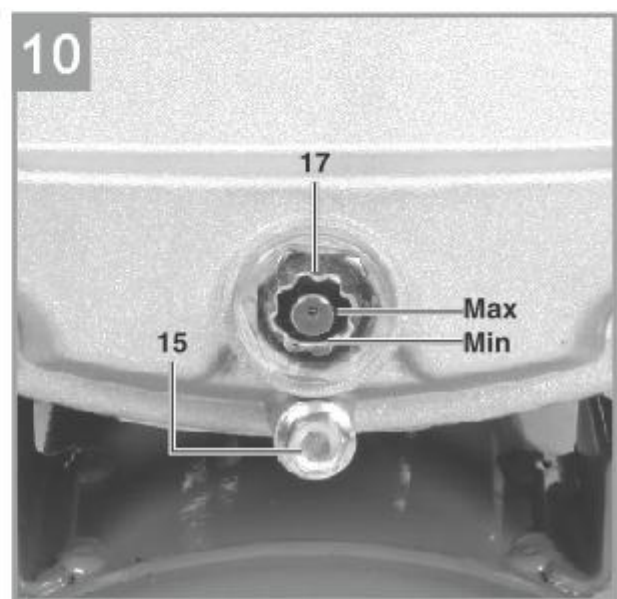
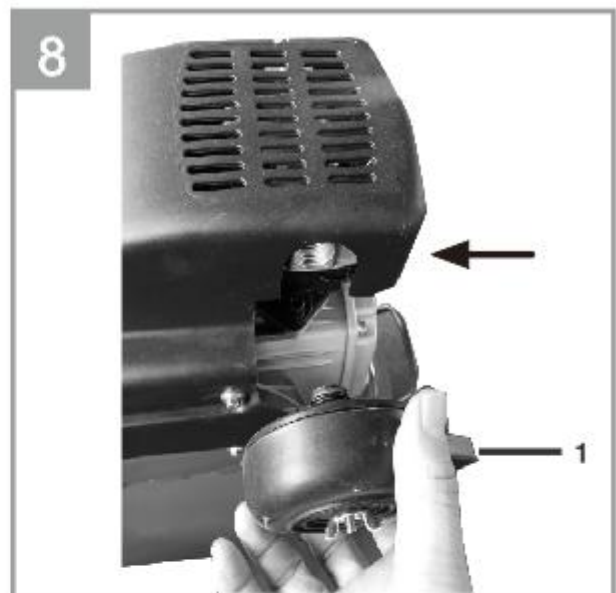
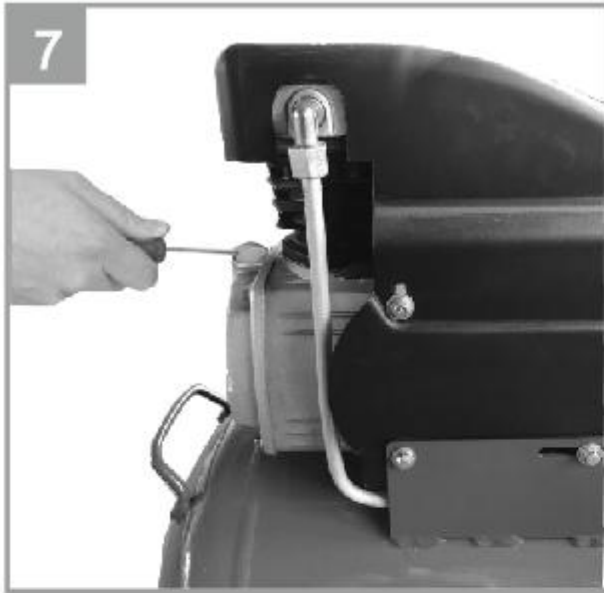
	<p>Do not use the equipment with open doors or an open housing.</p>
	<p>Guarantee sound power level.</p>
	<p>Regular maintenance.</p>
	<p>Conforms to relevant safety standards.</p>
	<p>Do not dispose of old appliances with domestic rubbish.</p>

3. PRODUCT DESCRIPTION

LAYOUT







1	Intake air filter	8	On/Off switch	15	Oil drainage screw
2	Pressure tank	9	Transport handle	16	Overload switch
3	Wheel	10	Safety valve	17	Oil level window
4	Foot	11	Drainage screw for condensation water	18	Non-return valve
5	Quick-lock coupling (regulated compressed air)	12	Pressure gauge (for reading the vessel pressure)	19	Screw
6	Pressure gauge (for reading the set pressure)	13	Ball valve	20	Nut
7	Pressure regulator	14	Oil sealing plug	21	Axle screw

ITEMS SUPPLIED

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center. Also, refer to the warranty table in the warranty provisions at the end of the operating instructions.

1. Open the packaging and take out the equipment with care.

2. Remove the packaging material and any packaging and/or transportation braces (if available).

3. Check to see if all items are supplied.

4. Inspect the equipment and accessories for transport damage.

5. If possible, please keep the packaging until the end of the guarantee period.

Danger! The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

- Intake air filter
- Wheel (2x)
- Foot
- Transport handle
- Oil sealing plug
- Screw
- Washer(2x)
- Nut for fitting the foot
- Axle screw (2x)
- Nut for fitting the axle (2x)
- Operating instructions manual

TECHNICAL FEATURES

Power supply	220-230V~, 50Hz
Max power	1.5kW
Max rotation speed	2800 min ⁻¹
Protection class	I
Air tank capacity	50 L
Maximum working pressure	8 bar
Maximum pressure allowed	12 bar
Air return	195 L/min
Net weight/ Gross weight	29 kg
Guaranteed sound power level	95 dB(A)

4. BEFORE STARTING THE EQUIPMENT

- Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.
- Examine the machine for signs of transit damage. Report any damage immediately to the company which delivered the compressor.
- The compressor should be set up near the working consumer.
- Avoid long air lines and long supply lines (ex-tensions).
- Make sure the intake air is dry and dust-free.
- Do not set up the compressor in damp or wet rooms.
- The compressor may only be used in suitable rooms (with good ventilation and an ambient temperature from +5°C to +40°C). There must be no dust, acids, vapors, explosive gases or inflammable gases in the room.
- The compressor is designed to be used in dry rooms. It is prohibited to use the compressor in areas where work is conducted with sprayed water.
- The oil level in the compressor pump has to be checked before putting the equipment into operation.
- The equipment must be set up where it can stand securely.

- Use flexible hoses in order to prevent transmitting unacceptable loads to the pipeline system at the connection between the compressor system and the pipeline system.
- It is essential to use separators, traps and drains which process the liquids produced by the compressor before the compressor system is put into operation.
- Supply hoses at pressures above 7 bar should be equipped with a safety cable (e.g. a wire rope).

5. ASSEMBLY AND STARTING

Notice!

You must fully assemble the appliance before using it for the first time.

5.1 Fitting the wheels (3)

Fit the supplied wheels as shown in Fig.5

5.2 Fitting the supporting feet (4)

Fit the supplied supporting feet (4) as shown in Fig. 6

5.3. Replacing the oil sealing plug (14)

Remove the transportation cover from the oil filler

opening with a screwdriver and insert the supplied oil sealing plug (14) into the oil filler opening (Fig.7, Fig.9)

5.4. Fitting the air filter (1)

Use a screwdriver to remove the transportation cover from the air filter connection

Screw in the supplied air filter (Fig8)

5.5. Power supply

- The motor is fitted with an overload switch (Fig.3/ Item16) If the compressor overloads, the overload switch switches off the equipment automatically to protect the compressor from overheating. If the overload switch triggers, switch off the compressor using the ON/OFF Switch (8) and wait until the compressor cools down. Then press the overload switch(16) and restart the compressor.
- Long supply cables, extensions, cable reels etc. cause a drop in voltage and can impede motor start-up
- In the case of low temperatures below +5°C, motor start-up is jeopardized as a result of stiffness

5.6. On/Off switch (8)

- To switch off the compressor, press the On/Off (8)
- To switch off the compressor, press the On/Off switch (8) in again. (Fig.1)

5.7 Adjusting the pressure: (Fig. 1,2)

- You can adjust the pressure on the pressure gauge (6) using the pressure regulator (7)
- The set pressure can be taken from the quick-lock coupling (5)

5.8 Setting the pressure switch

The pressure switch is set at the factory.

Switch-on pressure 8 bar

Switch-on pressure 10 bar

6. MAINTENANCE AND CLEANING

6.1 Replacing the power cable

Danger!

If the power cable for this equipment is damaged, it must be replaced by the manufacturer or its after-sales service or similarly trained personal to avoid danger.

6.2 Cleaning, maintenance and ordering of spare parts

Danger!

Pull the power plug before doing any cleaning and maintenance work on the appliance.

Warning!

Wait until the compressor has completely cooled down. Risk of burns!

Warning!

Always depressurize the tank before carrying out any cleaning and maintenance work.

Warning!

After use, always switch off the equipment immediately and pull out the power plug.

6.2.1 Cleaning

- Keep the safety devices free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the appliance immediately after you use it.
- Clean the appliance regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the appliance. Ensure that no water can get into the interior of the appliance. You must disconnect the hose and any spraying tools from the compressor before cleaning. Do not clean the compressor with water, solvents or the like.

6.2.2 Condensation water (Fig. 1)

Notice!

To ensure a long service life of the pres-sure vessel (2), drain off the condensed water by opening the drain valve (11) each time after using. Check the pressure vessel for signs of rust and damage each time before using. Do not use compressor with a damaged or rusty pressure vessel. If you discover any damage, please con-tact the customer service workshop.

Notice!

The condensation water from the pressure vessel will contain residual oil. Dispose of the condensation water in an environmentally compatible manner at the appropriate collection point.

6.2.3 Safety valve (10)

The safety valve has been set for the highest permitted pressure of the pressure vessel. It is prohibited to adjust the safety valve or remove its seal. Actuate the safety valve from time to time to ensure that it works when required. Pull the ring with sufficient force until you can hear the compressed air being released. Then release the ring again.

6.2.4 Check the oil level at regular intervals

Place the compressor on a level and straight surface. The oil level must be between the two marks MAX and MIN on the oil level window(Fig. 10).

Changing the oil: Recommended hydraulic oil: SAE 5W/40 or an alternative of the same quality, It should be refilled for the first time after 100 hours of operation. Thereafter the oil should be drained and refilled after every 500 hours in service.

6.2.5 Changing the oil

Switch off the engine and pull the mains plug out of the socket. After releasing any air pressure you can unscrew the oil drainage screw (15) from the compressor pump. To prevent the oil from running out in an uncontrolled manner, hold a small metal chute under the opening and collect the oil in a vessel. If the oil does not drain out completely, were commend tilting the compressor slightly.

6.2.6 Cleaning the intake filter (1)

The intake filter prevents dust and dirt being drawn in. It is essential to clean this filter after at least every 300 hours in operation. A clogged intake filter will decrease the compressor's performance

dramatically. Undo the screw on the air filter so that the halves of the air filter housing can be opened. Use compressed air at low pressure (approx.3 bar) to blow out all the parts of the filter and then assemble the filter in reverse order. When cleaning, take adequate precautions. Against dust(e.g. use a suitable face mask).

6.2.7 Ordering replacement parts

Please quote the following data when ordering replacement parts.

Type of machine

Article number of the machine

Identification number of the machine

Replacement part number of the part required

7. STORAGE AND TRANSPORT

7.1 Storage

Warning!

Pull the mains plug out of the socket and ventilate the appliance and all connected pneumatic tools. Switch off the compressor and make sure that it is secured in such a way that it cannot be started up again by any unauthorized person.

Warning!

Store the compressor only in a dry location which is not accessible to unauthorized persons. Always store upright, never tilted!

7.2 Transport

Use the handle for transporting the compressor and use it to move the compressor about.

Transport the equipment only by carrying it by the transport handle.

Protect the equipment against unexpected knocks and vibrations.

8. TROUBLESHOOTING

Problem	Cause	solution
The compressor Does not start	<ol style="list-style-type: none"> 1. No supply voltage. 2. Insufficient supply voltage. 3. Outside temperature is too low. 4. Motor is overheated. 	<ol style="list-style-type: none"> 1. Check the supply voltage, the power plug and the socket-outlet. 2. Make sure that the extension cable is not too long. Use an extension cable with large enough wires. 3. Never operate with an outside temperature of below +50 C. 4. Allow the motor to cool down. If necessary, remedy the cause of overheating.
The compressor starts but there is no pressure.	<ol style="list-style-type: none"> 1. The non-return valve (28) leaks. 2. The seals are damaged. 3. The drain plug for condensation water (11) leaks. 	<ol style="list-style-type: none"> 1. Have a service center replace the non-return valve (28). 2. Check the seals and have any damaged seals replaced by a service center. 3. Tighten the screw by hand. Check the seal on the screw and replace if necessary.

<p>The compressor starts, pressure is shown on the pressure gauge, but the tools do not start.</p>	<p>1.The hose connections have a leak. 2. A quick-lock coupling has a leak. 3. Insufficient pressure set on the pressure regulator.</p>	<p>1.Check the compressed air hose and tools and replace if necessary, 2. Check the quick-lock coupling and replace if necessary. 3. Increase the set pressure with the pressure regulator.</p>
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9. 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.

10. DECLARATION OF CONFORMITY



BUILDER SAS

ZI, 32 rue aristide Bergès – 31270 Cugnaux - France

Declares that the machinery designated below:

AIR COMPRESSOR

H50CV-C

S/N : 20240116761-20240116860

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 60204-1: 2018

EN IEC 61000-6-3: 2021

EN IEC 61000-6-1: 2019

Guaranteed sound power level: 95dB(A)

Cugnaux: 30/11/2023

Philippe MARIE/CEO

11. 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).



12. 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.



13. 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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