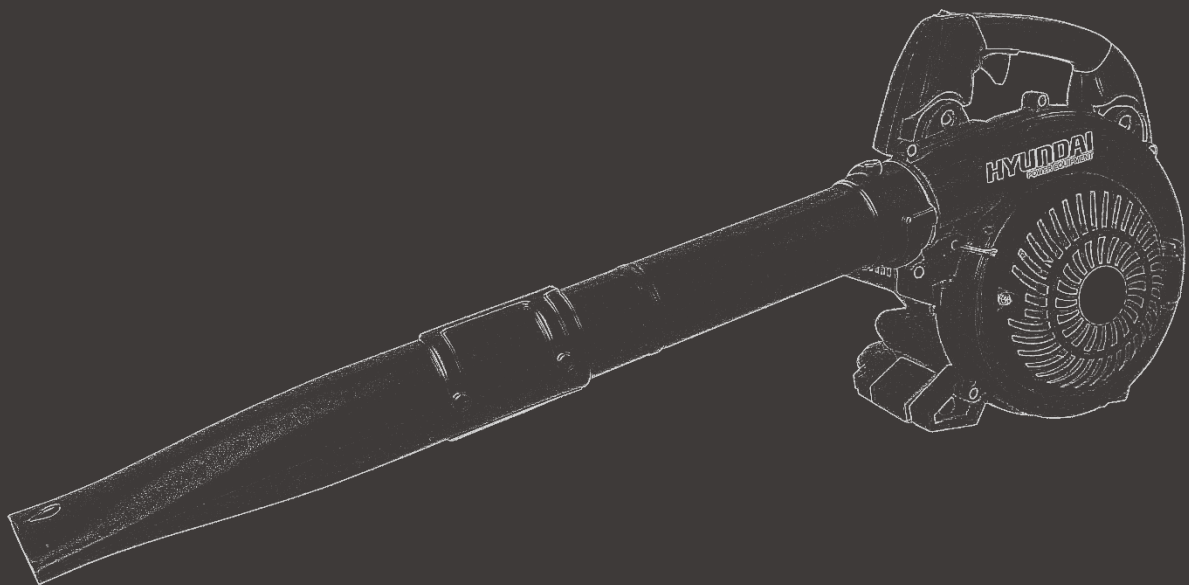


HYUNDAI
POWER PRODUCTS

VACCUM BLOWER HASBT30SP-1

INSTRUCTIONS ORIGINALES



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1. SAFETY INSTRUCTIONS

WARNING! Before using this tool, please read these instructions of safety and use. It will help you to use safely the machine and reduce the risk of electrical shocks and accidents. If you give this tool to another person, also give this manual.

Use this tool as described in this manual. Any mishandling and any use contrary to instructions will not in any way engage the liability of the manufacturer.

Non-compliance with safety instructions and use can cause a risk of electric shock, fire and / or injury to persons.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Never allow children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator.
- Never use the machine when people, especially children, or pets are nearby.
- Remember that the operator or user is responsible for accidents or hazards occurring to persons or their belongings.
- Do not disassemble the tool yourself. Disassembly, repair or verification must be made exclusively by qualified personnel.
- Use the tool fully assembled and secure. Before use, check if the protections and safety devices are in place.
- During the operation of the machine, always wear protective equipment, including protective masks, visors or goggles, ear protection, helmet, gloves, non-slip footwear and protective clothing.
- Always carry the machine by its handle; never use the cord or any other part of the machine.
- Do not use the machine when you are tired, under the influence of alcohol or drugs or sick.
- Use the tool to suck and blow leaves and similar materials. Do not blow flammable materials, cigarette butts and materials that can damage the device.
- Do not use the appliance to suck water or wet debris.
- Always use the machine with the collection bag.
- Avoid using the machine in bad weather, especially when there is a risk of thunderstorms and lightning.
- **In case of accident, immediately stop using the machine. Turn off and unplug it and check the problem. Do not use the machine while the machine is damaged.**
- **Operate the machine only at reasonable hours – not early in the morning or late at night when people might be disturbed;**
- **Organize your work time. Do not operate this tool for a long time, you could be tired. Make some pauses and take rest between 2 work sessions.**
- use rakes and brooms to loosen debris before blowing/vacuuming;
- slightly dampen surfaces in dusty conditions or use mister attachment;

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- Always use the full blower nozzle extension so the air stream can work close to the ground.

SAFE OPERATING PRACTICES FOR THE TOOL

Training

- Read the instructions carefully. Be familiar with the controls and the correct use of the machine.
- Never allow children or people unfamiliar with these instructions to use the machine.
- Local regulations can restrict the age of the operator.
- Keep in mind, that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- Obtain ear protection and safety glasses. Wear them at all times while operating the machine.
- While operating the machine always wear substantial footwear and long trousers. Do not operate the machine when barefoot or wearing open sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- Do not wear loose clothing or jewellery that can be drawn into the air inlet. Keep long hair away from the air inlets.
- Operate the machine in a recommended position and only on a firm, level surface.
- Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- Before using, always visually inspect to see, that the shredding means, shredding means bolts and other fasteners are secure, the housing is undamaged and that guards and screens are in place. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels
- Never operate the machine while people, especially children, or pets are nearby.

Operation

- Before starting the machine, make certain that the feeding chamber is empty.
- Keep your face and body away from the feed intake opening.
- Do not allow hands or any other part of the body or clothing inside the feeding chamber, discharge chute, or near any moving part.
- Keep proper balance and footing at all times. Do not overreach. Never stand at a higher level than the base of the machine when feeding material into it.
- Always stand clear of the discharge zone when operating this machine.
- When feeding material into the machine be extremely careful that pieces of metal, rocks, bottles, cans or other foreign objects are not included.
- If the cutting mechanism strikes any foreign objects or if the machine should start making any unusual noise or vibration, immediately shut off the power source and allow the machine to stop. Disconnect the machine from the supply and take the following steps before restarting and operating the machine:
 - a) inspect for damage;
 - b) replace or repair any damaged parts;
 - c) Check for and tighten any loose parts.

-
- Do not allow processed material to build up in the discharge zone; this may prevent proper discharge and can result in kickback of material through the intake opening.
 - If the machine becomes clogged, shut-off the power source and disconnect the machine from supply before cleaning debris.
 - Never operate the machine with defective guards or shields, or without safety devices, for example debris collector in place.
 - Keep the power source clean of debris and other accumulations to prevent damage to the power source or possible fire.
 - Do not transport this machine while the power source is running.
 - Stop the machine, and remove plug from the socket. Make sure that all moving parts have come to a complete stop
 - a) whenever you leave the machine,
 - b) Before clearing blockages or unclogging chute,
 - c) Before checking, cleaning or working on the machine.
 - Do not tilt the machine while the power source is running.

Maintenance and storage

When the machine is stopped for servicing, inspection, or storage, or to change an accessory, shut off the power source, disconnect the machine from the supply and make sure that all moving parts are come to a complete stop. Allow the machine to cool before making any inspections, adjustments, etc. Maintain the machine with care and keep it clean.

- Store the machine in a dry place out of the reach of children.
- Always allow the machine to cool before storing.
- Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
- Never attempt to override the interlocked feature of the guard.

Additional safety instructions for units with bagging attachments

- Switch-off the machine before attaching or removing the bag.

Residuals risks

Even if you use this product in compliance with all safety requirements, the potential risks of injury and damage remain. The following hazards may arise in the structure and design of this product. Always be vigilant when using this product, so you can recognize and manage the risks rather.

Rapid intervention can prevent serious injury and property damage.

Turn off the tool if there are any malfunctions. Have it checked by a qualified professional and have repairs carried out, if necessary, before using it again.

There are harmful health consequences resulting from the emission of vibrations if the product is used for long periods of time or not properly managed and properly maintained.

There is risk of injury and property damage due to attachments or broken the sudden impact of hidden objects.

Risk of injury to persons and property caused by flying objects.

Prolonged use of this product exposes the operator to vibration and can produce so-called "white finger" disease. To reduce the risk, wear gloves and keep your hands warm.

If any of the symptoms of "white finger syndrome" occur, seek immediate medical attention. Symptoms of the "white finger" include numbness, loss of sensitivity, tingling, tingling, and pain, loss of strength,

color changes or skin condition. These symptoms usually appear on the fingers, hands or wrists. Risk increases at low temperatures
Inhalation of particles of material blown/vacuumed
Unattended projections
Contact with foreign objects
Contact with the tool in operation
Hearing loss in the absence of correct hearing protection

Symbols



Read the instructions



Risk of projections! Keep bystanders away



Warning: the fan is still rotating when open or close the cover, be careful, especially the inlets cover



Warning: Wear eye and ear protection



Guarantee noise emission



Wear gloves and foot protection



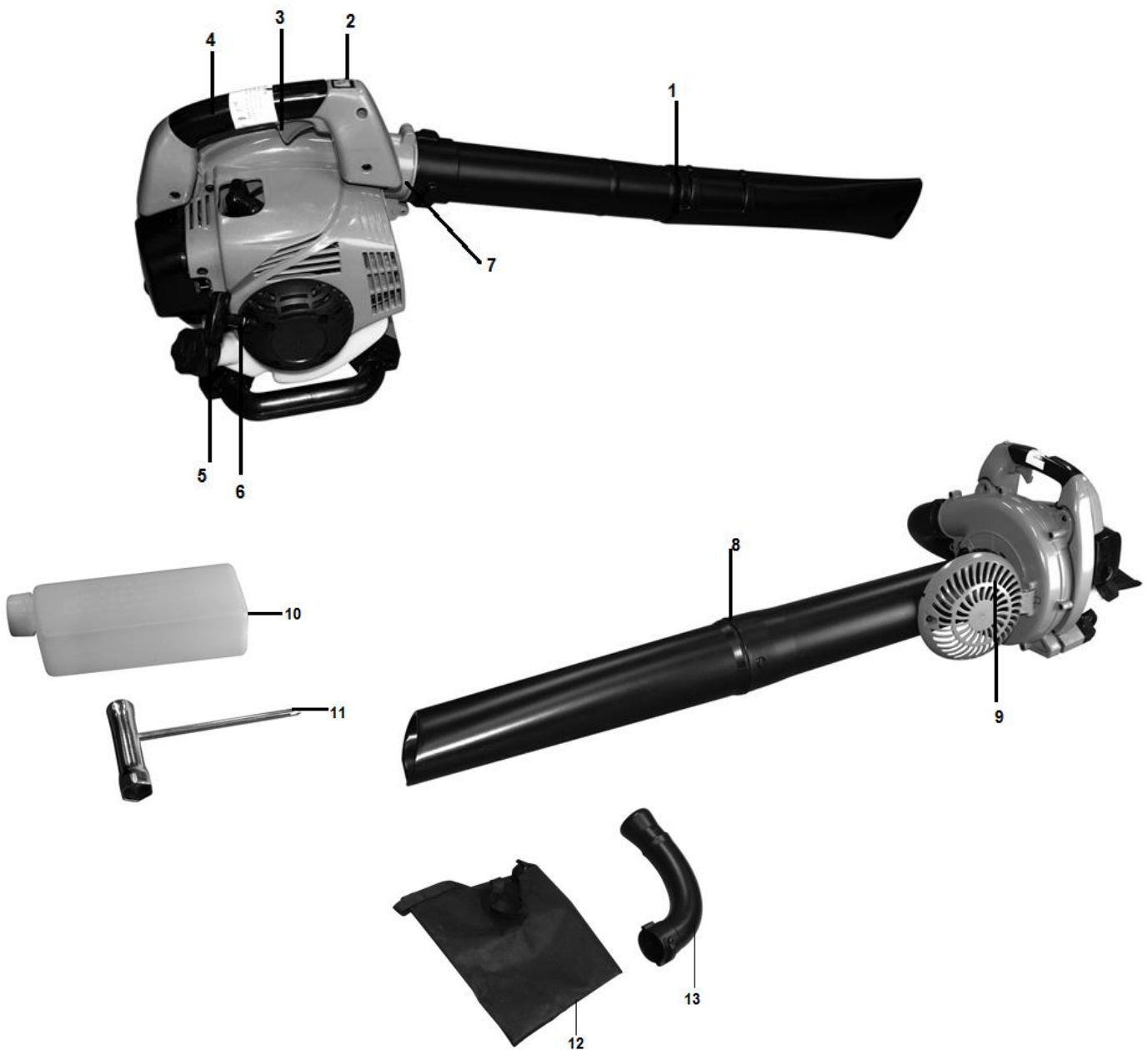
Do not use the tool when the tubes are not fully assembled on it

Intended use

- This vacuum blower is intended to be used for the vacuuming and the blowing of leaves, dust, and similar little materials. It must not to be used for vacuuming and blowing water, chemical products, flammable material, metal or wood and others dangerous objects.
- This product is intended for private domestic use only. It must be use outdoor.
- This product is not intended to be used in a closed room and places where exhausted gas and flames can be present.
- The use of this product in case of rain or humid environment is prohibited.
- Any other use might lead to damage of the appliance, property or personal injury.

2. YOUR TOOL

a. Description



1. Blower tube
2. ON/OFF switch
3. Trigger
4. Handle
5. Fuel tank
6. Starter
7. Tube/collector bag connector
8. Vacuum tube
9. Housing of vacuum tube
10. Bottle for fuel mixture
11. Screwdriver
12. Collector bag
13. Collector bag adaptor

b. Technical data

Model	HASBT26
Rated power	0.7 kW
Non load speed	7500min ¹
Continuous speed	9000min ¹
Measured sound power level	Blower noise, sound power level: - Idling: 88,18 dB(A) - Racing: 104,79 dB(A) - Average: 104,79 dB(A) -Uncertainty K=3 dB(A)
	Vacuum noise, sound power level: - Idling: 87,96 dB(A) - Racing: 108,22 dB(A) - Average: 108,22 dB(A) -Uncertainty K=3 dB(A)
Measured sound pressure level	Blower noise, sound pressure level: - Idling: 77,93 dB(A) - Racing: 93,67 dB(A) - Average: 93,02 dB(A) -Uncertainty K=3 dB(A)
	Vacuum noise, sound pressure level: - Idling: 81,30 dB(A) - Racing: 98,30 dB(A) - Average: 97,64 dB(A) -Uncertainty K=3 dB(A)
Measured and guarantee sound power level	Sound power level according to 2000/14/EC: -Measured: 108,11 dB(A); -Guaranteed: 110 dB(A);
Vibration	Blower vibration: - Idling: 3,995 m/s ² - Racing: 4,366 m/s ² - Average: 4,31 m/s ² -Uncertainty K=1,5 m/s ²

	<p>Vacuum vibration:</p> <ul style="list-style-type: none"> - Idling: 4,272 m/s² - Racing: 4,492 m/s² - Average: 4,46 m/s² - Uncertainty K=1,5 m/s²
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3. ASSEMBLY

For safety reasons, the product is equipped with safety contactors. It will start only when accessories are installed.
It is strictly forbidden to modify safety system installed by the manufacturer.

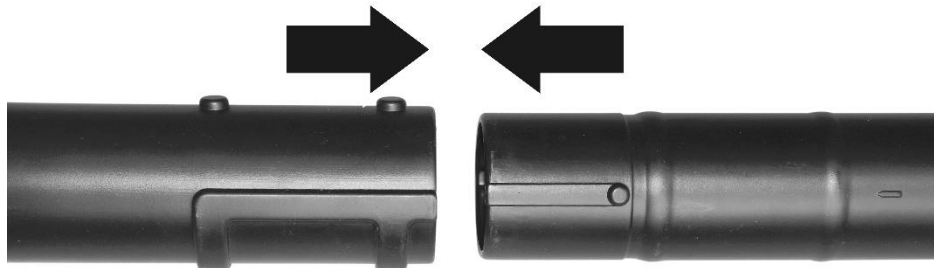


WARNING! You cannot use both functions simultaneously.

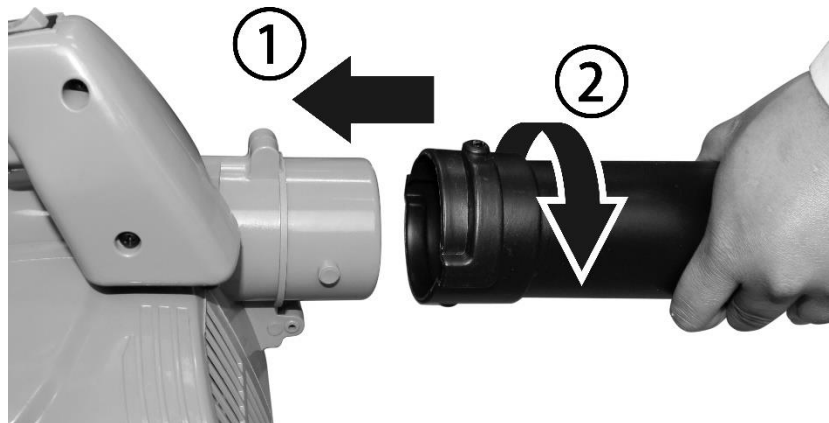
A. BLOWER MODE

- Assembly of the blower tube

Connect the blower tubes together. Push the tubes together and turn them so that they lock together.



Push the tube onto the housing. Turn to lock onto place.

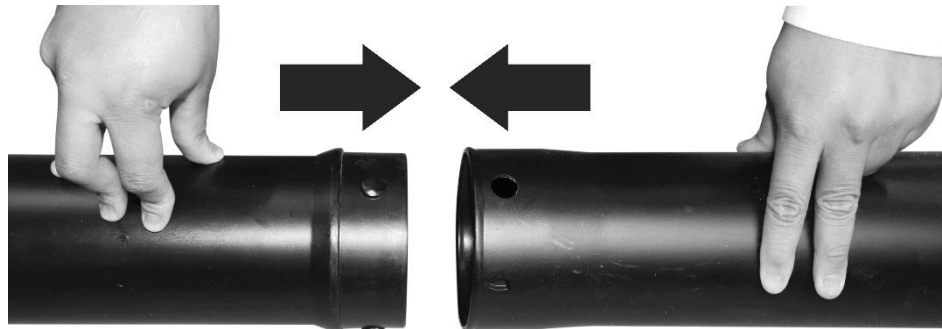


To remove the tubes, rotate the tubes to unlock them remove from the blower housing outlet.

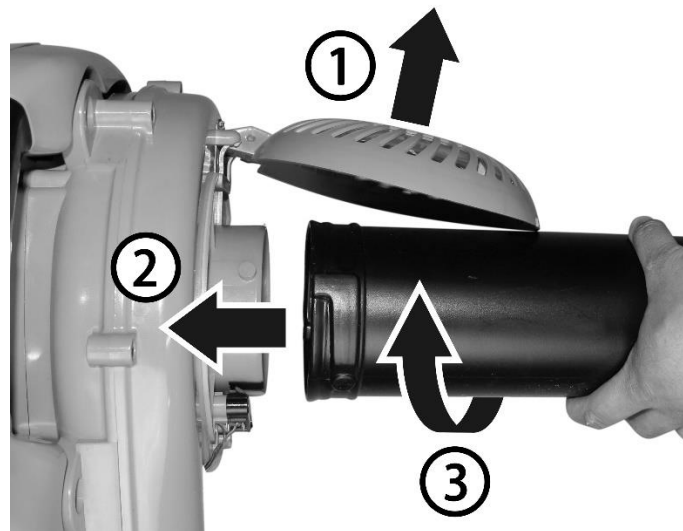
B. VACUUM MODE

• **Assembly of the suction tubes**

Connect the vacuum tubes together



Loosen the door knob on the inlet cover and open. Push the tube onto the housing. Turn to lock onto place.



To remove the vacuum tubes:

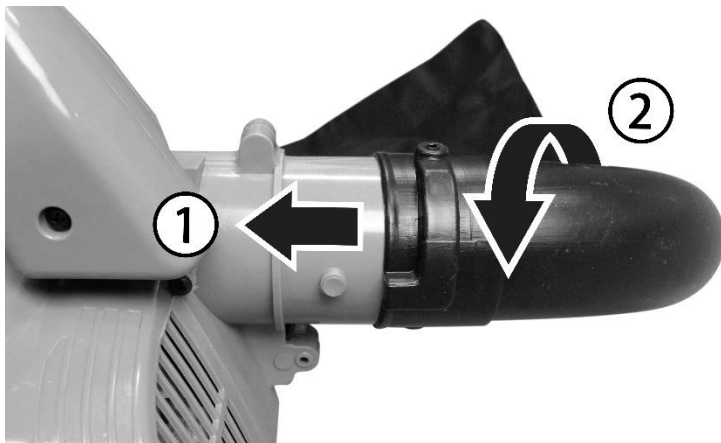
Remove the vacuum tubes from the blower housing.
Close the inlet cover door and tighten the door knob securely.

C. Assembly of the collect bag

Remove the Upper blower tube and Lower blower tube from the blower. Unzip the vacuum bag and place the adaptor inside as shown.



Push the bag adaptor onto the housing. Turn to lock onto place.



Make sure the vacuum bag is zipped and closed before starting the unit.

4. FILLING FUEL TANK

MOTOR FUEL: mix the petrol and oil at 30:1 only

- Use fresh unleaded petrol. You must use 100% synthetic oil specifically made for heavily stressed two stroke engines.
- Mix the petrol and oil in an approved container. Never mix fuel directly in the line trimmer fuel tank.
- Place the brush cutter upright on the ground or on a sturdy bench and wipe any debris from around the fuel cap.
- Unscrew the fuel tank cap and pour the mixture into the tank with the aid of a funnel.
- Be careful not to spill any mixture. If this happens, wipe the spill with a clean rag.
- Start the engine at least three metres away from the area where the fuel tank has been filled up in order to avoid any risk of fire.

Danger of fire and burn injuries

- Always use extreme care when handling fuel! Fuel is highly flammable.
- Never attempt to fuel the line trimmer if the fuel system components are damaged or are leaking.
- Never attempt to refuel the engine while it is running or still warm, allow it to cool before fuelling.
- Never smoke or light any fires near the line trimmer or fuels.
- Always transport and store fuels in an approved container.
- Never place flammable material close to the engine muffler.
- Never operate the line trimmer without a properly functioning muffler and spark arrestor installed.
- Never operate the line trimmer unless it is properly assembled and in good working condition.
- Do not use petrol which contains ethanol or methanol as it may damage the fuel lines and other engine parts.
- Mix only enough fuel for your immediate needs. If fuel must be stored longer than 30 days, it should first be treated with a stabilizer or similar product.

5. OPERATION

a. Before starting

- Be sure that you have correctly completed the installation.
- Inspect the work area. Make sure there are no obstacles or dangerous debris that could damage the tool.

b. Start/stop the machine

NOTE: Starting the product differs depending on whether the engine is cold or warm.

1. Move the ignition switch to the on position marked I.



2. Move the choke lever upwards to the start position (cold start).

Note. This is not required if the engine is already warm.

3. Push the primer button 8 times, until the petrol/oil mixture flows in and out of the discharge hose located above the fuel tank.
4. Pull the recoil starter 2-3 times until you hear the engine starting.
5. Push the choke lever down to the run position (warm start).
6. The engine may start, or it may be required to pull on the recoil starter until the engine starts.
7. Allow the engine to run idle for around 10 seconds to let it warm up.

To stop:

1. Release the throttle trigger and allow the engine to idle for a few moments.
2. Move the ignition switch to the off position marked STOP.
3. The engine will now stop.

c. Blower mode

- Inspect the work area before starting. Remove any debris or objects that could be thrown or those that can get caught or obstruct the device.
- Put the shoulder strap.
- Hold the machine by the handle. Walk and hold the tube just above the ground and blow the debris.
- Work in order to gather the debris in one or more lots. Use the vacuum mode to collect the heap. You can also pick up the pile of debris with a broom (or rake) and a shovel.
- Throw away the debris in a trash bin.

d. Vacuum mode**IMPORTANT!**

Do not vacuum wet debris (they must be dry), nor large and hard objects that may damage the machine (stones, cans, pieces of wood too large, etc.).

Do not vacuum flammable objects, and objects on fire.

The collection bag must always be set during suction.

- Inspect the work area before starting. Remove any debris or objects that could be thrown or those that can get caught or obstruct the device.
- Put the shoulder strap.
- Hold the handle of the tool and the tube to raise and maintain the machine.
- Put the tube to the ground without putting it in the debris. Move while sucking debris. When the collection bag is filled, stop working and empty the bag.

6. MAINTENANCE

Follow these instructions to keep your machine in a good condition. A machine cleaned and in a good condition will give better operating results and preserves the life of the device. Regularly maintain your machine.



WARNING! Do not use products that can damage the device (abrasive, corrosive, alcohols, steam cleaners, abrasive cloths, scrapers, etc.).

Do not install the appliance in a dishwasher for cleaning!

The unit must be completely switched off, unplugged, and cool before cleaning.

a. Care**After each use:**

- Remove the collection bag and empty its contents into a dustbin.
- Use a brush to remove debris from fan and inside the tube.
- If necessary, you can clean the body of the tool with a soft dry cloth.

b. Maintenance**After each use:**

- Check all nuts, bolts and screws are tight and that the safety devices are properly positioned.
- Check if the machine has not suffered damage. If the machine is damaged, you will need to hire a qualified technician to inspect the machine and makes repairs.

WARNING

Use only original manufacture's replacement parts, accessories and attachment. Failure to do so can cause possible injury, poor performance.

c. Replacing and cleaning the air filter

For proper performance and long life, keep air filter clean.

- Push down the cover of the air filter.
- Remove the air filter and clean it in warm soapy water. Let dry completely. For best performance, replace the air filter annually.
- Reinstall the air filter into the filter base.
- Push the cover back in place. Push the latch back into the slot and ensure the cover is locked in place.

d. Clean Fuel Filter

- Fuel tank is fitted with a filter.
- Filter is situated at the free end of fuel pipe and can be picked out through fuel port with a piece of hooked wire or the like.
- Check the fuel filter periodically. Do not allow dust to enter the fuel tank. Clogged filter will cause difficulty when starting engine or abnormalities in engine performance.
- When the filter is dirty, replace the filter.
- When the inside of the fuel tank is dirty, it can be cleaned by rinsing the tank out with petrol.

e. Checking the spark plug

- Check the spark plug every 10-15 hours of use.
- Remove the spark plug cover.
- Use the spark plug wrench to remove the spark plug, by turning it counter-clockwise.
- Clean and adjust the spark plug gap to 0.6 - 0.7mm.
- Replace any damaged or visibly worn plug with a TORCH L8RTC or equivalent spark plug.
- Install the spark plug finger tight in the cylinder head, and then tighten it firmly with the spark plug wrench.

7. DECLARATION OF CONFORMITY

BUILDER SAS

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

Declares that the machines:
PETROL BLOWER & VACUUM
Model: HASBT30SP-1
Serial No.:

The people name holding the technical file: M. Olivier Patriarca

Have been designed in compliance with the following standards:
EN 15503:2009+A1:2013
EN ISO 14982:2009
EN ISO 3744:1995 & ISO 11094:1991

And in accordance with the following directives:
Directive Machine 2006/42/EC
Directive EMC 2014/30/EU
Noise Directive 2000/14/EC ANNEX V & Directive 2005/88/EC
Emission directive 97/68/EC & 2012/46/EU

Measured sound power level: 108.11dB(A)
Guaranteed sound power level: 110dB(A)

Cugnaux, 01/08/2017

Philippe MARIE / PDG



HYUNDAI
POWER PRODUCTS

For Inquiries, Please Contact:

BUILDER SAS
32, rue Aristide Bergès Z1 31270 Cugnaux, France
Tel. +33 (0) 5.34.502.502 Fax: +33 (0) 5.34.502.503
<http://www.hyundai-power-fr.com/>
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