

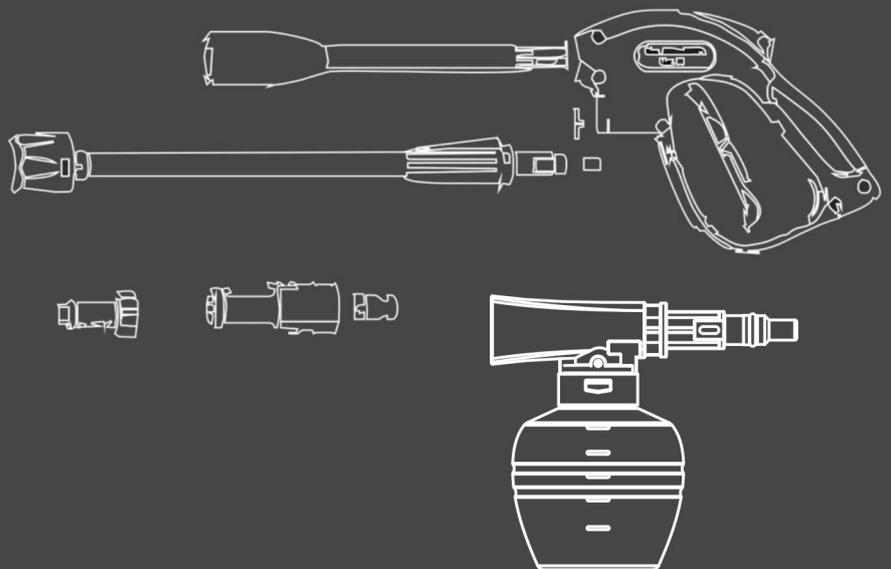
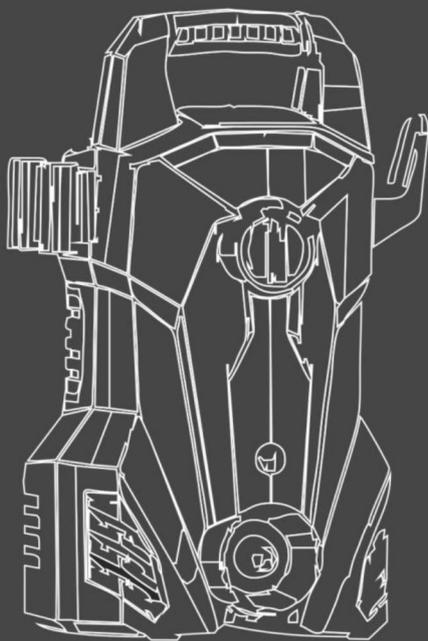
**HYUNDAI**  
POWER PRODUCTS

# HIGH PRESSURE WASHER

HNHP1405-A

## INSTRUCTIONS ORIGINALES

**CAUTION: READ THE INSTRUCTIONS BEFORE USING THE MACHINE**



# **SAFETY INSTRUCTIONS**

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- Use this unit as described in this manual. Any mishandling and any use contrary to instructions for use shall in no case be the responsibility of the manufacturer.
- Failure to observe the safety and operating instructions may result in a risk of electric shock, fire and / or personal injury.
- If you are giving this unit to another person, please also provide this manual.
- Do not use attachments other than those recommended by the manufacturer; they can damage the unit and / or cause injury.
- Machines shall not be used by children. Children should be supervised to ensure that they do not play with the appliance.
- This machine can be used by people with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the machine in a safe way and understand the hazards involved.

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Before any connection, check:
  - The appliance, power cable and accessories are not damaged. In this case, do not use the appliance and take it to your dealer for inspection and repair.
  - The voltage indicated on the rating plate of the appliance corresponds to that of your electrical installation.
- Do not disassemble the device yourself. Any disassembly, repair or inspection should be carried out exclusively by a qualified person.
- Do not touch the plug with wet hands. Do not allow the plug to fall into the water.
- Do not walk on the power cord, do not exert excessive pressure, or pull on the cord to avoid damage.
- **WARNING:** This machine has been designed for use with a cleaning agent supplied or recommended by the manufacturer. Use of other cleaning or

chemical agents may affect the safety of the machine.

- **WARNING:** High pressure jets can be dangerous if subject to misuse. The jet must not be directed at persons, live electrical equipment or the machine itself.
- **WARNING:** Do not use the machine within range of persons unless they wear protective clothing
- **WARNING:** Do not direct the jet against yourself or others in order to clean clothes or footwear.
- **WARNING:** Risk of explosion. Do not spray flammable liquids.
- **WARNING:** High pressure cleaners shall not be used by children or untrained personnel.
- **WARNING:** High pressure hoses, fittings and couplings are important for the safety of the machine. Use only hoses, fittings and couplings recommended by the manufacturer.
- **WARNING:** To ensure the safety of the machine, use only the original manufacturer's parts or approved by the manufacturer.
- **WARNING:** Water that has flowed through backflow preventers is considered to be non-potable.

- **WARNING:** The machine must be disconnected from the power supply during cleaning or maintenance and when replacing parts or converting the machine to other functions by removing the power source plug.
- **WARNING:** Do not use the machine if a supply cord or important parts of the machine are damaged, e.g. safety devices, high pressure hoses, trigger gun.
- **WARNING:** If an extension cord is used, the plug and cable must be watertight.
- **WARNING:** Inadequate extension cords can be dangerous. If an extension cord is used, it shall be suitable for outdoor use, and the connection has to be kept dry and off the ground. It is recommended that this is accomplished by means of a cord reel which keeps the socket at least 60 mm above the ground.
- **WARNING:** Make sure there are no exhaust emissions near the air intakes.
- Children, animals and persons not participating in the use of the machine must remain at a minimum distance of 10 meters from the sprayer.

- The high pressure hose must remain connected to the machine as long as the system is under pressure.
- Do not use corrosive or flammable liquids in the machine.
- The appliance must be connected to a water supply using a new set of hoses; the old pipe set must not be reused.
- When using the machine, wear protective equipment including safety goggles, safety shoes, safety gloves, safety helmet with visor and double-insulated hearing protection.
- In order to move the unit easily, bend the lance. Make sure the unit is turned off and unplugged before transporting the unit.
- The connection to the power supply must be made by a qualified electrician in accordance with IEC60364-1. It is recommended that the power supply of this machine includes a residual current device that interrupts power if the earth leakage exceeds 30 mA for 30 ms or a device that will homologate the earth circuit.

- **CAUTION:** When activating the machine, the high pressure of the water coming out of the hose can create a kickback; Pay attention to the movement of the spear. Hold it tight.
- Before assembling, dismantling, repairing, transporting, servicing and storing, please check if the appliance is disconnected from the power supply.
- Handle the unit with care, do not drop it.
- Do not use the machine in extreme weather conditions, when it is very cold. Do not use the machine with ice water.
- Use the tool in a stable and plane location.
- The appliance must not be connected to potable water supply.
- **CAUTION:** In order to avoid danger due to untimely resetting of the thermal cut-out, this device must not be powered by an external switch, such as a timer, or connected to a circuit that is regularly switched on energized and de-energized by the electricity supplier.

- When transporting the machine, take note of its weight. Do not overestimate your efforts and get help if necessary.
- The machine must be transported from one point to another disconnected. Always use the handle to push the machine.
- Use the handle to lift the machine.
- Improper transport of the machine may result accidents and injuries.
- Do not use the tool where dangerous situations or accidents may occur. Do not use it indoor, in places where are exhausted gases, etc.
- In case of accidents or breakdowns, stop to use the tool, switch off it and unplug it. Check the conditions of the tool and bring it to a service agent for inspection and reparation if necessary.
- When opening the trigger gun, pay attention to the kickback force. The power of the gun can cause a kickback and can produce a loss of control of the gun and create accidents and injuries. Hold the gun firmly, and with both hands if possible.

- **WARNING** Always switch off the mains disconnecting switch when leaving the machine unattended.
- To avoid dangerous situations in the event of an accident (for example, contact with or spill of detergents) or equipment failure (such as a puncture or a component failure), please stop using the machine immediately. Check the problem. Have the machine inspected by a qualified technician. In the event of an overflow, move the machine away and clean the overflow.
- During use, transport, assembly, disassembly, in case of failure, during foreseeable tests or breakdowns, the tool must always remain upright.

### **Intended use**

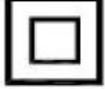
The high-pressure cleaner is used to clean objects and outdoor surfaces (tools, vehicles, boats, terraces, facades, garden furniture etc.) with a high-pressure water jet. It is not intended for commercial use.

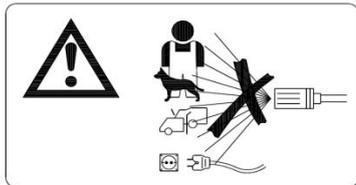
### **Symbols**



Read the instruction manual.

 Complies with applicable European standards and directives.

 Protection class II. This means that the device is equipped with double insulation. A plug to connect to the ground is not necessary



**WARNING!** The jet should not be directed at people, animals, live devices or the device itself.



This machine is not suitable for connection to the drinking water supply network.

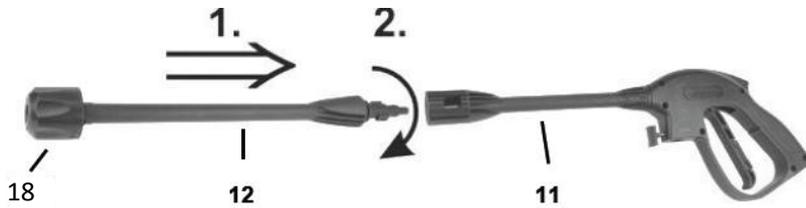
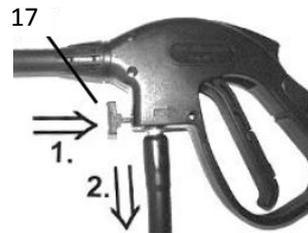
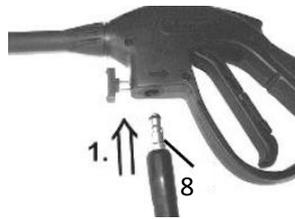
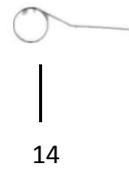
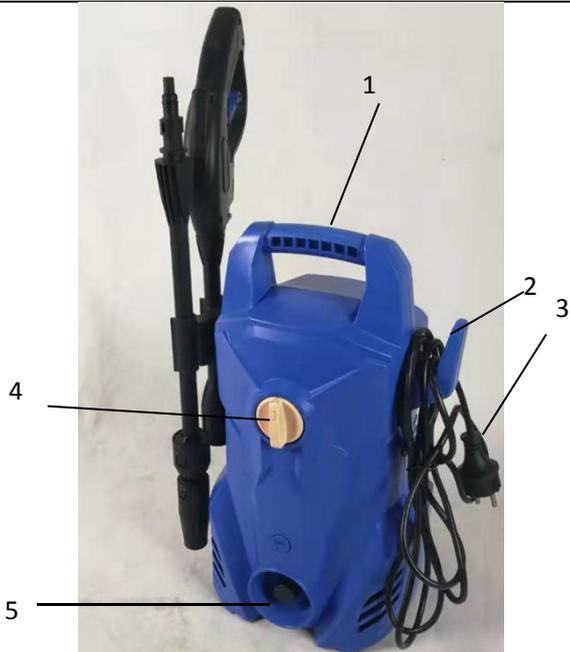


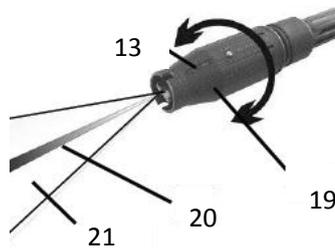
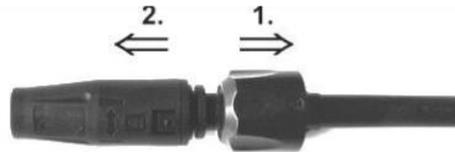
Sound power level guaranteed.



Degree of protection IPX5, this means that the device is protected against a small jet of water sprayed e.g. by a garden watering on the device.

# DESCRIPTION





Content of the delivery	Description of the appliance
1 pressure washer 1 high pressure hose 1 spray gun 1 projection tube 1 wide jet nozzle 1 pipe fitting 1 nozzle cleaning needle	1. Carry handle 2. Cable support 3. Cable and plug 4. Operation switch 5. High pressure outlet 6. Water connection 7. High pressure hose 8. Hose connection 9. Water filter 10. Detergent tank 11. Spray gun 12. Projection tube 13. Wide jet nozzle 14. Cleaning pin 15. Locking 16. Trigger 17. Unlocking 18. Locking cap 19. Nozzle tip 20. Linear jet 21. Round jet

## **Technical data**

Nominal voltage	230-240 V~
Frequency	50 Hz
Nominal power	1400 W
Water inflow temperature, max	60° C
Rated flow rate	5.0 l/min
Max flow rate	6,6 l/min
Pressure of the water supply, max	0,3 MPa (3 bars)
Rated Pressure	7.0 MPa (70 bars)
Allowable pressure	10.5 MPa (105 bars)
Sound pressure level	87 dB(A) K = 3 dB
Sound power level	89,7 dB(A)
Guarantee sound power level	93 dB(A)
Vibration	2,6 m/s <sup>2</sup> K = 1,5 m/s <sup>2</sup>
Protection class	II / 
Degree of protection	IPX5
Weight	5 kg

## **Automatic engine shutdown**

This high-pressure washer is equipped with an automatic engine shutdown. If, during operation, the trigger (16) of the spray gun is activated, the engine automatically shuts down. By reactivating the trigger (16), the engine restarts. During short work breaks, the spray gun trigger (16) (11) must be locked by the locking system (15) to avoid an involuntary engine start-up. In case of longer interruptions, the operating switch (4) must also be put on "OFF".

## **Use of detergents**

This pressure washer is suitable for the use of universal cleaning agents for cars, for boats, for the house and the garden, recommended by the manufacturer and approved for use with high pressure cleaners.

The use of other cleaning products or chemicals may impair the safety and functionality of the unit.

- When using cleaning agents, the dosing and application instructions of the cleaning product manufacturer must be observed.
- Do not use aggressive cleaning agents.
- Get advice on suitable cleaning products in specialized shops.

## **Before starting**

- It is recommended that a specialist install a current protection switch at the electrical connection of the appliance; this will interrupt the supply, when the fault current exceeds 30mA for 30 ms.
- Install the storage bracket on the right side of the machine. It will be used to install the gun later.
- Press the end of the high-pressure hose (7) into the high-pressure outlet (5) and tighten it. Push the other end of the high pressure hose into the gun. To remove the high pressure hose from the gun, press the release button (17) and remove the hose.
- Screw the connection (9) to the water inlet (8). Push the water hose (or screw it, depending on the model) onto the fitting. Make sure that the fitting is in the correct position. The recommended minimum length for the water supply hose is 10 meters (but not more than 25 meters) with a diameter of 12.5 mm to prevent back pressure and potential damage to your appliance. Make sure it can withstand water and a maximum pressure of 0,3 MPa (3 bars). If you want to connect your device to other water sources, make sure that the maximum water inlet pressure is 0,3 MPa (3 bars)
- Insert the nozzle into the gun. To remove the nozzle, pull the lock cover (18) back towards the gun and

- remove the nozzle.
- Plug the power plug into a properly grounded outlet.
- Turn the water supply on. If you use the pressure washer and the water supply is closed, it will cause damage to the pump.

### **Getting started**

- Turn the service switch (4) to the "ON" position
- Point the spray gun (11) down.
- Unlock the locking system (15) of the spray gun (11) and fully depress the trigger (16).

### **Switch off**

- Release the trigger (16) and lock it with the locking system (15).
- In case of longer interruptions, the pressure washer must be switched off with the operating switch (4) ("OFF").

### **Detergent bottle**

The integrated detergent tank (10) allows the automatic addition of detergent to the wash water when needed.

- Remove the bottle cap counterclockwise to open the bottle (10).
- Fill the bottle with detergent solution without exceeding the maximum level (see graduation on the bottle). Close the bottle with its cap by turning it clockwise.
- If installed, remove lance(12) from gun body(11). Install the detergent bottle by pushing and **twisting it into the gun body(11)**
- When preparing the detergent solution, follow the instructions or recommendations of the manufacturer of the product used.

### **Cleaning operation**

- If necessary, start by cleaning the object in high pressure operating mode to remove most of the dirt.
- Spray the detergent on the surface to be cleaned and let it act for a few moments (do not let it dry!).
- Rinse at high pressure to remove the dirt that has been dissolved.

### **Jet nozzle**

By turning the tip for the nozzle (19), you can choose between the linear jet (20) and the round jet (21) for the projection nozzle.

### **Finish cleaning**

- Switch off the pressure washer with the operating switch (4) press "OFF" and unplug the plug.
- Turn off the water supply and remove the device from the water flow.
- Operate the spray gun (11) until the device is out of pressure.
- Lock the trigger (16) of the spray gun with the locking system (15).
- Disconnect the high pressure hose from the gun by pressing the lock button (17) and pulling the gun hose down.
- Keep the device in a safe, cool place out of the reach of children.
- Before a long period without use and storage for the winter, operate the device for approx. 5 seconds without water flow and without connecting the high pressure hose. The pump is thus emptied of the maximum residual water and the risk of damage due to the possible presence of frozen water inside the device is almost non-existent.

## **Care and maintenance**

- Before any maintenance or repair work, you must unplug the power plug.
- Clean the case only with a dry cloth and do not use detergents that could attack the case.
- Remove the dirt filter from the water connection (6), clean it under water and replace it.
- The supplied cleaning needle (14) serves to clean the nozzle. After each use of the pressure washer, push the cleaning needle (14) through the nozzle from the front to remove any foreign matter or deposits in the nozzle.

## **Storage**

- Clean it and remove the hoses and accessories before storage. Check that there is no more water in the pipes.
- Put the power cable on its hook and fully wind the high-pressure hose.
- Store the machine, hoses and accessories together in a stable, dry place, away from moisture and frost.
- The machine must be stored away from children.

## **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.



**BUILDER SAS**  
ZI, 32 rue Aristide Bergès – 31270 Cugnaux - France

Declares that the machinery designated below:

**HIGH-PRESSURE CLEANER**  
Ref.: HNHP1405-A

Serial number:20200730345-20200730844

Complies with the provisions of the Directive “machinery” 2006/42/CE and national laws  
transposing it:

Also complies with the following European directives:

EMC Directive 2014/30/EU

ROHS Directive 2011/65/EU and 2015/863/EU

EMC directive 2014/30/EU

Directive on environmental noise emissions from equipment intended for use outside buildings  
2000/14/EC

Guaranteed Sound Power Level: 93 dB(A)

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

EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019

EN60335-2-79:2012

EN 55014-1:2017

EN 55014-2:2015

EN 61000-3-2:2014

EN 61000-3-3:2013

Cugnaux, on 30/06/2020

Philippe MARIE / PDG

# 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).



# PRODUCT FAILURE

## WHAT TO DO IF MY MACHINE BREAKS DOWN?

### If you bought your product in a store:

- a) Empty the fuel tank.
- 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.
- 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.**



# 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

Tél. : +33 (0) 5.34.502.502 Fax : +33 (0) 5.34.502.503

<http://www.hyundai-power-fr.com/>

Fabriqué en République Populaire de Chine (PRC)