

TO BE CONSERVED



**HEXAGONE**  
MANUFACTURE

**IMPORTANT SAFETY INSTRUCTIONS**  
**READ AND FOLLOW ALL INSTRUCTIONS**  
**SAVE THESE INSTRUCTIONS**

Technical manual



**SPOT**

Version UDXYGSPNE07-EN



Translation of the original instructions in French

Made in France



**HEXAGONE**  
MANUFACTURE

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Dear customer,

Congratulations on your purchase of a HEXAGONE robotic pool cleaner SPOT and we trust you will enjoy the benefits of your new state of the art robotic cleaner.

Your appliance has been designed, manufactured and checked with the utmost care so that you will be completely satisfied with it.

To ensure a cleaned pool, in quit mind, we advise you to read this booklet of use before first use of your pool cleaner.

You will find all required information to allow your pool cleaner SPOT working with the better conditions, in full security.

For any other additional information, contact your dealer regarding the utilization and maintenance of your cleaner.

Its service technicians are available for any questions, support or training necessary to ensure the correct operation of your robot.

Thank you again for your choice, we wish you a good and well use of your new pool cleaner.

Yoann CHOURAQUI  
CEO of Hexagone Manufacture SAS

A handwritten signature in black ink that reads "Yoann Chouraqui". The signature is written in a cursive style with a prominent underline at the end.

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With this product you accept in a tacit and irrevocable manner our  
general conditions of sale.

Photos in this technical manual are not binding.

**In order to ensure your safety and the validity of your guarantee, please read carefully and follow to the letter these instructions.**

The pool vacuum cleaner SPOT is the professional robot that must be used only by the qualified pool technicians. It does not replace the filtration system and is used only to suck up impurities in the pool.

SPOT contains a large quantity of sensors protecting its various components and ensuring all its functions: operation out of water, possible obstacles, etc... This is a unique feature confirming the high quality of this item.

The control box provides a diagnosis of the operation and the various technical parameters and reports the problems that the robot would face. The radio control is designed for manual control and, if necessary, for automatic program interruption

SPOT should only be used with equipment recommended by the manufacturer. Any other use is incorrect.

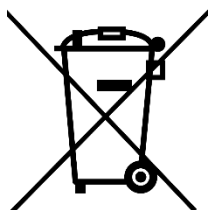
The manufacturer's instructions for use, maintenance and repairs must be strictly adhered to. This technical manual explains how to install, handle and maintain your pool vacuum cleaner SPOT and how to use its control box and radio remote mode via Bluetooth to control it.

We strongly recommend:

- read this technical manual carefully by following the installation and operating instructions very precisely step by step to use your robot SPOT in the best conditions;
- keep this technical manual for the entire life of the product. It might be useful.

For any questions regarding the installation and use of your pool vacuum cleaner SPOT, please call **+33 1 34 34 11 55**.

This technical manual is the translation of an original French version. In the event of any inconsistency between French and translated versions, the French version takes precedence.



**Do not throw in the trash.**

### **Product disposal - Environmental protection**

In accordance with the European directive 2012/19/EU on WEEE - Waste Electrical and Electronic Equipment, used electrical and electronic devices must be disposed of separately from domestic waste to promote its reuse, recycling or any other way of recovery, as well as to limit the amount of waste to be disposed of and to reduce waste at the same time. When disposing of this product, follow local waste disposal regulations.

## 2. Safety rules

### A. Power Supply Requirements

Power box

Input: 200-240 Volts AC

50-60 Hertz

Output: <30 VDC

General protection index: IP54

Observe your electrical obligations for the installation of the power supply boxes of 220V / 110V (NFC15-100).

Robot excluding socket on power supply unit

Voltage: <30VDC

Protection index: IP68

### B. Water Requirements

The SPOT vacuum robot is designed for cleaning swimming pools under the following water conditions:

- Temperature: 6° - 35° C / 43° - 95° F
- Chlorine: 0.6 - 4 ppm
- pH: 7.0 - 7.8
- Maximum salinity level (NaCl) = 5,000 ppm
- No sulfur water.

Basin depth:

- Minimum: 0.30m / 1 foot
- Maximum: 5m / 16.4 feet

## C. Rules for safe use

### IMPORTANT SAFETY INSTRUCTIONS

- READ AND FOLLOW ALL INSTRUCTIONS
- Never use the pool vacuum robot SPOT when anybody, especially children or pets, is in the pool.
- Never allow the pool vacuum robot SPOT to collide with people or other living things.
- 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.
- Ensure that children do not attempt to access cleaner while it is operating
- Children should be supervised to ensure that they do not play with the appliance.
- The SPOT vacuum robot can only be used, maintained and repaired by people who are fully familiar with its specific features and informed of safety instructions. Please read the user manual carefully and assimilate it well before use.
- Do not place anything, except the radio remote control, on the SPOT pool vacuum robot or on its control box.
- Never attempt to repair a damaged power cable. Contact your dealer for a replacement by the original cable to avoid any injury.
- Do not use the pool vacuum cleaner robot SPOT if you notice a problem on a part of the robot or see a defective or missing element (pump, turbine, screws, nuts or cables...).
- Hexagone Manufacture SAS does not guarantee full compatibility between the SPOT vacuum robot and other types of wireless device such as remote controls, radio transmitters, rolling shutters, etc.
- You are not allowed to modify the original design of the SPOT pool vacuum robot. Any changes made are at your own risk.
- The floating cable must never be shortened or extended. Place the floating cable so that moving parts are never in contact with it or it can never end up under the SPOT pool vacuum robot.
- Do not drop the self-floating cable plug in the water, it is not waterproof. Also, don't drop it on the floor, it could be damaged, damage the edge of your pool or even injure you.
- The unit must be connected only to a supply circuit that is protected by a ground-fault circuit interrupter (GFCI). The pump must be supplied through a residual current device (RCD) having a rated residual operating current up to 30mA.
- This GFCI should be tested on a routine basis. To test the GFCI, push the test button. The GFCI should interrupt power. Push the reset button. Power should be restored. If the GFCI fails to operate in this manner, the GFCI is defective. If the GFCI interrupts power to the power unit without the test button being pushed, a ground current may be flowing, indicating the possibility of an electric shock. Do not use the power unit. Disconnect the power unit and contact the manufacturer for assistance.
- If, by accident, the electrical box falls into the water, it is imperative to disconnect the electrical socket before to pull it out. Contact your dealer to replace it with an original spare part.

**It is forbidden to open the control box when it is connected to the mains, this action can cause an electric shock. Contact a qualified technician.**

- Never allow the robot to run in stormy weather.
- Always protect the electrical control box from rain or water splashes.
- Always protect the control box from the sun and high heat (maximum 35°C / 95°F), it must be stored in the shade and in a ventilated space.
- Never store the SPOT vacuum robot and its control box in a place where the temperature can

drop below 0°C / 32°F. Absolutely protect it from frost.

**When the socket is connected to your electrical installation, the robot must be completely immersed in the water of the pool, absolutely flat on the bottom of the basin.**

When the mains plug is connected to your electrical installation, under no circumstances should you lift, carry or return the pool vacuum cleaner robot SPOT. Disconnect the pump from the supply mains before carrying out user maintenance such as cleaning the filter.

- Always unplug the SPOT vacuum robot from your electrical installation when you're not using it.
- The SPOT pool vacuum robot can only start when the mains plug is connected to your electrical installation.
- SAVE THESE INSTRUCTIONS

## IMPORTANT !

There are many factors that influence the condition of your pool. The SPOT robot is a very passive product that does not affect the life of your pool.



Be aware that over time, the deterioration, color loss, and brittleness of any pool lining can be caused individually or in combination by the age, chemical composition or imbalance of the pool water, improper installation, sunlight, and other factors. All of these factors can contribute to lining failure. The SPOT pool vacuum robot does not in any way alter the quality and integrity of the pool lining.

Thus, the presence of such problems in your pool is not related to the use or operation of the robotic vacuum cleaner SPOT. Hexagone assumes no responsibility for the repair or replacement of structures or components of the customer's pool. The owner or operator of the pool must



220 V

ON



220 V

OFF



## WARNING!

When the SPOT vacuum robot is returned, the main plug should always be disconnected. You must **ABSOLUTELY** be sure in this before any intervention on the robot!

The socket should always be disconnected during all interventions on your SPOT vacuum robot.

If you touch the operating parts, you are at risk of serious injury. It is strictly forbidden to do it!



## 3. How to install your SPOT ?

### A. Unpacking

Unpack the device with the necessary precautions. Do not use sharp tools (Cutter, ...). Examine, in the presence of the driver or technician, the entire robot, cabinet... to detect possible damage due to transport.

**In case of damage, refuse delivery.**

**In case of doubt, if your device has been purchased:**

- directly from us, do not hesitate to make reservations on the transport voucher by briefly describing the damage suffered. Only the recipient can file a complaint with the carrier within 48 hours, and by registered letter. In addition, you must also notify us within 48 hours otherwise we will not be able to do anything.
- from a dealer, you should contact your dealer about the procedure to follow.

If your device is not in perfect condition or if it does not work, notify your dealer immediately and do not try to turn it back on without the advice of a qualified technician approved by our services.

We recommend that you keep the original packaging and materials, they will be used for further transport under perfect conditions.

The packaging must contain the following elements:

- the robot SPOT with its power cable;
- Its trolley; (depending on the robot model)
- its control and power supply unit;
- the remote control; (depending on the robot model)
- the technical manual.

**In summary :**

SPOT consists of following main elements (pictured below):

**A cleaning unit** containing the suction pump, traction motors, filter retaining the dirt and washable after use.

**A control unit**, containing the electronic elements and the safety transformer, which has to be kept min. 3.5 m far from the water (NFC15 / 100 standard). In the electronic unit, in addition to the central robot's system, there is also an internal memory of the robot recording all the data necessary for the technician. SPOT was created in accordance with the usual policy of its designers, namely the management of all parameters to control the operations of the machine and modify them, if necessary.

**A radio control**(depending on the robot model) allowing the remote reading of all the functions and movements executed by the cleaner and the selection of movement and programming functions.

**A transport trolley** (depending on the robot model)allowing you to move your device from its storage location to its start-up location (the robot must not roll on the ground to reach the pool).

### B. Electrical connections

For your safety and the correct operation of your SPOT follow the instructions below:

- Place the control box at least 3.5 metres from the edge of the pool, avoiding direct exposure of the box to the sun or rain.
- Connect the robot cable to the control box and lock the connector.
- Connect the control box to a power outlet equipped with a ground terminal and protected by a residual differential current protection device up to 30mA (if in doubt, contact your installer electrician).

If you use an extension cord to connect your robot vacuum cleaner to the mains, make sure the control box cannot be placed within 3.5 m of the pool edge.



#### **WARNING !**

**Serious damage can be done to the robot if it is turned on while it is out of the water!**

### **!!! IMPORTANT !!!**

Consider the following recommendations for positioning the control box:

- Maintain a minimum distance of 3.5m between the control box and the edge of the pool (norm NFC15/100) ;
- Protect from the rain;
- Protect from direct sunlight.

If the control box is connected to an outdoor electrical outlet, it must be approved for outdoor use.

It is recommended to use a differential switch to connect the control box to the wall socket.

Always place the control box above the water level of the basin and any nearby basin or water reserve, place it at least 30 cm above the ground. It is forbidden to place the control box on the floor.

Make sure that there are no objects such as stones, branches, tools or toys are in the bottom of the basin as they could prevent the program from being completed. Objects in the bottom of the pool can get stuck in the SPOT vacuum robot.

Be sure to remove all objects on the surface (e.g., swimming lines) or at the bottom of the pool (cages, underwater games, etc.) so as not to block the normal operation of the SPOT vacuum robot.

Turn on the SPOT robot following the instructions. Be sure to keep your hands and feet away from moving parts. Never place your hands or feet under the SPOT vacuum robot.

SPOT operates in automatic mode AQUA POSITIONING TECHNOLOGY, autonomously choosing the most appropriate program, and in MODE MANUEL, controlled by radio control.

SPOT can also clean the walls of your pool. Very few cases make wall climbing impossible: when radius of curvature is too narrow or when the wall tiles are slippery because of micro- algae or other organic substances.

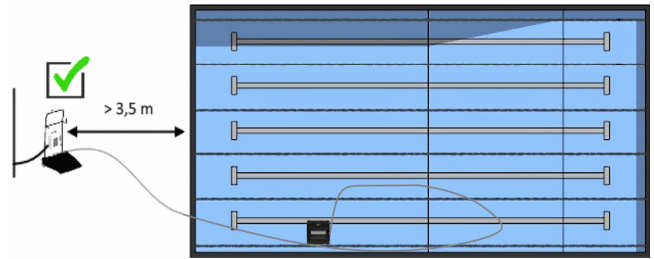
Dirt and debris tend to settle on the pool floor, climbing on the walls can sometimes be considered as unnecessary: this function can be excluded at the SPOT programming, the robot will only operate on the bottom of the pool.

## 4. How to use your SPOT ?

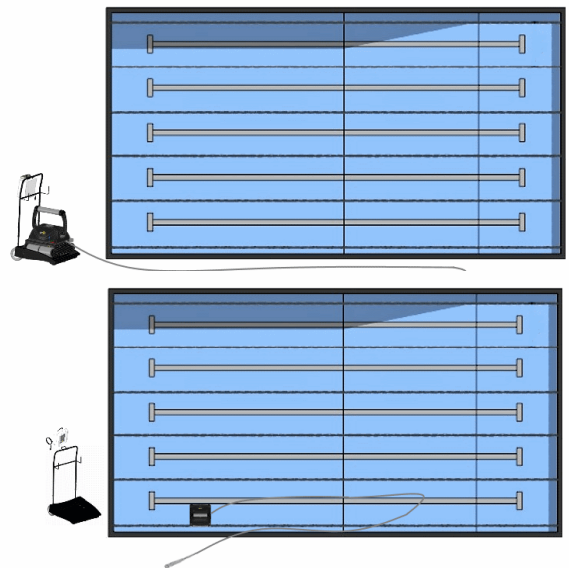
### A. Pool entry of the robot

- The control box of the SPOT must be placed so that the robot can reach all corners of the pool while remaining 3.5 meters from the edge. The control box is splash-proof, but must not be immersed in the water or any other liquid. It must not be installed in a floodable area; keep it at least 3.5 meters away from the edge of the pool and avoid exposing to direct sunlight.

**The pool cleaner intended to be installed in zone 0 of a swimming pool, as defined in IEC 60364-7-702, requires that the transformer is to be located outside zone 1.**



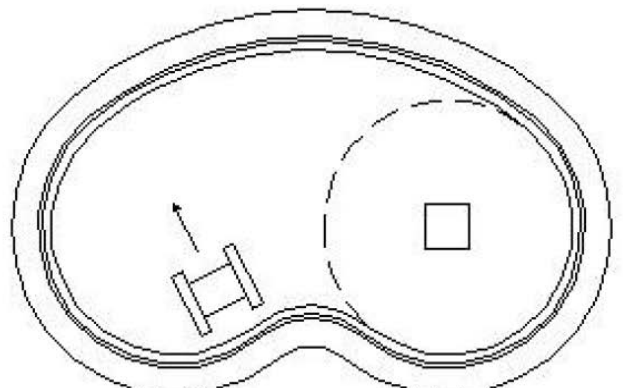
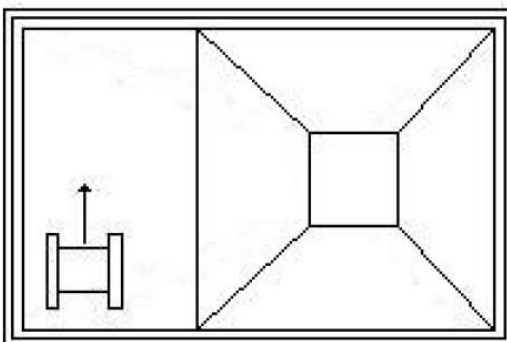
- Before immersing the device, be sure to unroll the entire self-floating cable at the edge of the pool, avoiding loops.
- Immerse the cable and the robot. Before starting, put the cleaner in water by following the simple steps described in this manual.



#### **IMPORTANT!**

**When switching the unit on for the first time, it is advisable to perform all the various manual functions for at least two minutes before starting any automatic program (test).**

- The ideal starting position is one third of the longest side (see figure below):



- Put the robot in the water holding it by the handle, then make sure that all the air inside is evacuated (turn it over if necessary). The cleaner will then move to the bottom of the pool; the SPOT logo (i.e. the front of the robot) should face the opposite side. If you use PVA brushes, wait until they are wet and softened enough (if the brushes are very dry or new, it is sometimes necessary to wait several minutes).
- It is essential that the robot goes down by itself and lands flat on the bottom of the pool.

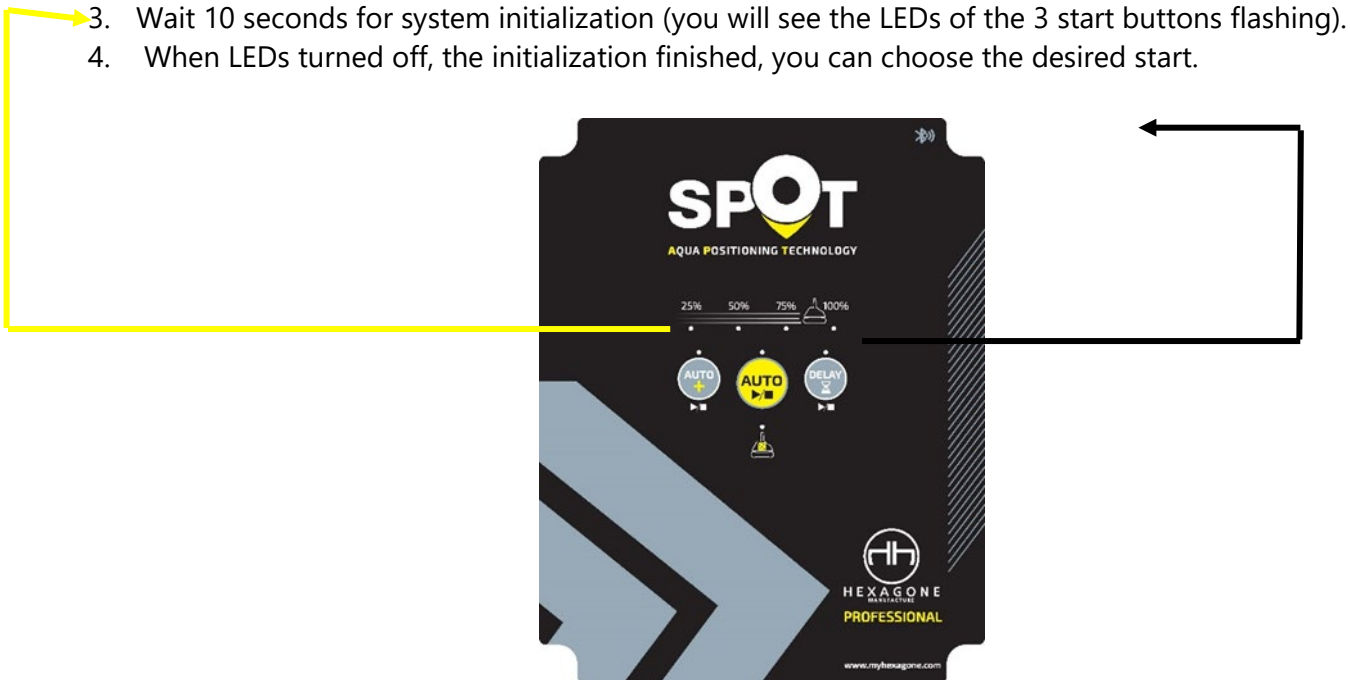
## B. Automatic mode

The SPOT allows you to avoid all the minor operations that were usually required when selecting and setting up the program best suited to cleaning your pool.

Now, thanks to its AQUA POSITIONING TECHNOLOGY, all programming operations are carried out by the SPOT automatically, without user action. The AQUA POSITIONING TECHNOLOGY intelligent system is set up by the manufacturer and starts as soon as the device is turned on. You will only have to select the desired type of program when starting up the robot.

### Start-up

1. Connect the self loading cable of pool vacuum cleaner to the control box using the black square plug, pay attention to polarization.  
Warning: this plug is fragile and not waterproof, it must not fall on the ground or in water. Moisture or traces of limescale can get on the small cards and we recommend that you use sandpaper or a WD 40 type spray to remove it (frequency 1 time per quarter)
2. Connect the control box to the mains.
3. Wait 10 seconds for system initialization (you will see the LEDs of the 3 start buttons flashing).
4. When LEDs turned off, the initialization finished, you can choose the desired start.



## IMPORTANT INFORMATION!

- **Do not operate the SPOT robot out of the water, this could damage the joints of the pump and motors, and automatically void the manufacturer's warranty.**



**Do not allow swimming while your SPOT is in the pool.**

**Whenever you put the robot in the water, check all moving parts carefully and make sure that no foreign objects - especially in the turbine, tracks, drive belts and brushes - interfere with proper operation.**

### The robot has 3 modes



**Turbo:** The robot is configured to only clean the pool bottom. It's an automatic mode called express. Its movement mode is a little faster and it will have a shorter work time than the auto mode.




**Auto:** for optimal complete cleaning of your swimming pool (floor and walls). The AQUA POSITIONING TECHNOLOGY mode integrated in your device scans your pool in order to best adapt to its dimensions. The robot is configured to perform its automatic program based on its AQUA POSITIONING TECHNOLOGY self-calculation. The working time is more important than that of Turbo mode.




**Delay:** for cleaning equivalent to AUTO mode but your device starts up 3 hours after pressing the start button. You can thus give the impurities time to fall to the bottom of the pool before the robot starts the program in AQUA POSITIONNING TECHNOLOGY mode, by auto-setting and auto-calculating its movements and working time.

### Program launch

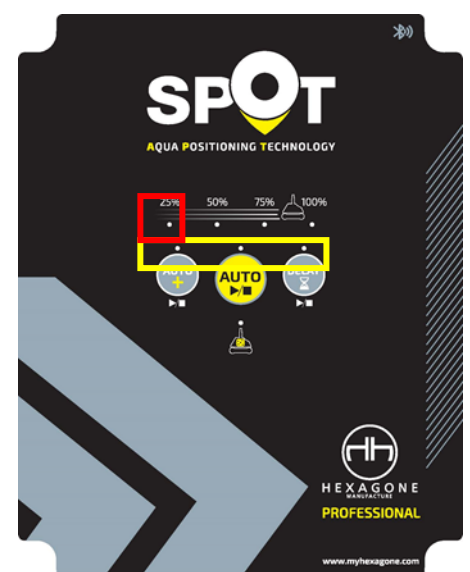
When choosing a program, press the appropriate button:

 the cleaning start LED starts to flash

 the LED of the selected program lights up steadily

The SPOT will begin to move, reach the opposite side of the basin collecting the pool size data. The SPOT may not move in a straight line, this is not due to a failure of the machine itself but to external stresses resulting from the movement of the cable, turbulence in the pool water or possible obstacles. The SPOT determines and records the appropriate work schedule for pool cleaning and performs this program during the predetermined working period.

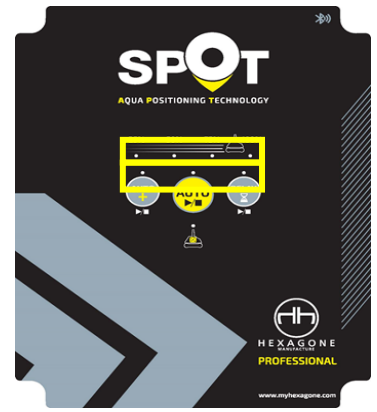
The use of the radio control is not possible during automatic mode. By pressing the STOP button on the radio control to stop the cleaning cycle, you will stop your robot. You can then use your SPOT in MANUEL mode.



## Program STOP

To stop your robot, either unplug it or press the button of the current program. In this case :

- the cleaning monitoring diodes stopped
- the selected program LED turns off



## START / STOP function

The 3 program start buttons allow you to stop the current program at any time. Pressing the program button again will restart it at the start of the cycle.

## Climbing the walls

The function is factory set on models SPOT20, SPOT 50, SPOT 100

However, it may happen that the robot cannot climb the walls, mainly due to problems with grip or the bag being saturated too quickly. An authorized technician's intervention will resolve these problems

**NB :** The robot will stop climbing the walls when its filter is saturated (the saturation detector lights up steadily). The filter must be cleaned (see page 17) so that the robot can climb the walls again.



### **IMPORTANT!**



**There are certain pools where the shape, the bottom of the pool (e.g. central island, a high level of the bottom mouth ...) or environmental data such as a temperature (e.g. water at 10°C ...) or the chemical nature of water (e.g. very high level of salinity, a permanent proliferation of algae ...) make it impossible to use your robot SPOT in AUTOMATIC mode. You'll see this through**

## C. Manuel mode

This mode allows the user to control the robot using the remote control. Connect the robot to the control box then connect the control box to the mains supply, wait for the device to initialize (LEDs flashing on the start buttons, see explanation in the automatic mode section). You can then start by radio control. If your robot is in automatic mode you can switch it to manual mode by pressing the STOP button.

The robot can be CONTROLLED manually either:

- with the radio control (depending on the robot model)
- with a mobile phone on which you will have installed the corresponding application.

### Use of remote control

The front can be identified by the logo on the hood of the vacuum cleaner. There are different keys on your remote control:

- Press the forward or backward button in order to switch on the manual program  
-- Move the robot with the 4 different arrows  
-- Pressing the direction in progress "up" or "down" makes it possible to pass from normal speed to fast speed and vice versa.  
-- The "right" and "left" arrows correspond to robot rotation: keep pressed as long as you want to turn (be careful not to twist the cable).  
-- with the middle button, you can stop the robot, the pump is still working in order to wash a precise area of the swimming pool

- This button is used to launch the robot in ground and wall mode, it will clean the ground, and wall

This button is used to launch the robot in ground mode, it will clean the ground, it will have a faster movement mode

- The battery indicator lights up each time the button is pressed. Remember to change your AA batteries regularly

-The «STOP» button is used to completely immobilize the robot, ready to leave the water or to switch it on automatic mode.  
-By pressing «AUTO» button, you can not return to the remote control without pressing first the button «STOP».



## Using the Bluetooth app

After downloading on our website and installing your app, you can start it.

You can find it here : <http://myhexagone.com/application/> or



Then you should:

1. Connect your phone to the robot (connected to the electronic box itself plugged to the mains) nearby by pressing "DISCONNECTED! "
2. Select the device corresponding to yours.
3. You can now use your device in Bluetooth radio control mode with the same functionality as the radio control

## Operation of the interface:

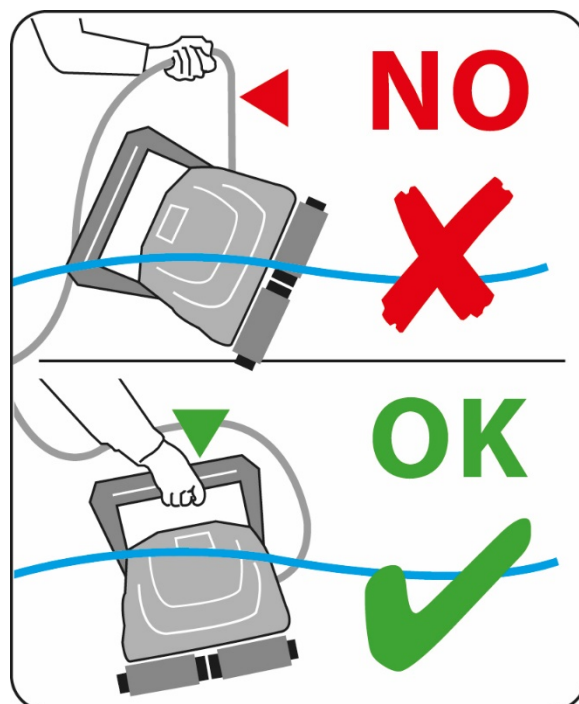
It is identical to that of the radio control (see previous page).

## D. Output from the water

After its automatic operation cycle the robot stops itself.

To remove it from the water, perform the following procedure:

1. Bring the robot back to you in the shallowest part of the pool and mount it on the wall in front of you in manual mode (using the remote control or the Bluetooth application).
2. To get it out of the pool, pull it **by the handle** and no longer by the cable and let the water drain.
3. Unplug the control box from the mains.
4. To better maintain your filtration, we recommend that you immediately remove the filter holder and filter bag. Wash them with fresh water and rinse your SPOT.
5. Roll up the cable. If a twist occurs on the cable, remove it (as you would with an extension cord). Please remove any twists from the cable (and do not just distribute the twists along the length of the cable).
6. Finally, store the robot.





## 5. Cleaning and Maintenance



### WARNING!

**Any manipulation on the robot absolutely requires that the robot is completely disconnected from the mains.**

### A. Cleaning of filter

We recommend that the owner of CROCODILE ROCK clean the filters after each cycle of the robot.

For proper cleaning of the filter bag:

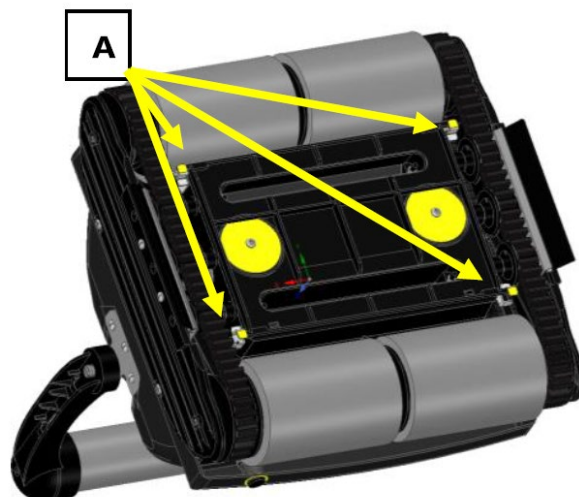
1-Turn off the pool cleaner by pressing the "I" button on the control panel.

2-Turn the cleaner upside down.

3-Unhook the 4 stainless steel fixing levers "A"

4-Pull out the black filter holder.

5- Take out the filter bag and clean it with a strong jet of clear water or if necessary with slightly soapy water. In this case, rinse thoroughly.

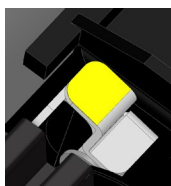


**Do not wring it out, do not pass it to the washing machine.**

**Do not clean with a high-pressure cleaner.**

STAINLESS STEEL FIXING LEVERS

Open



Closed



6- Put everything back in place; fit the filter holder and make sure you respect the direction of assembly (keying).

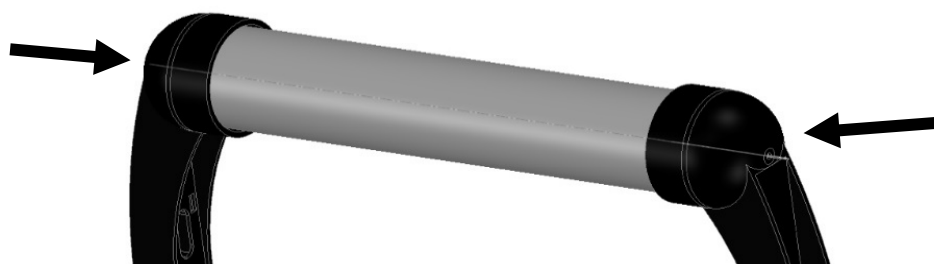
The robot should be cleaned regularly with clear water and you must control and possibly remove any waste stuck in the drive or in the turbine.

No external mechanical parts require any special lubrication or maintenance.

Make sure that the filters do not overflow and prevent the filter plate from being closed improperly.

**NB :** there are 3 types of filter bag, corresponding to a different finesse of filtration: ultra-thin, classic and large debris.

**STAINLESS STEEL DETECTORS PLACED ON THE SIDE OF THE HANDLE (depending of the robot modele) NEED PERIODICAL CLEANING: USE A WATER-VINEGAR SOLUTION OR ANY OTHER DESCALING PRODUCT. DO NOT USE STRONG ACIDS.**



Please also note that the cleaner is NOT DESIGNED TO BE USED IN SEA WATER. If used in salt water, wash it thoroughly with clear water each time it is pulled out from the water. We also recommend that all parts that may be corroded be checked by a technician at the end of the season.

## B. Preventive maintenance

Warning: this plug connecting the robot to the command box is fragile and not waterproof, it must not fall on the ground or in water. Moisture or traces of limescale can get on the small cards and we recommend that you use sandpaper or a WD 40 type spray to remove it (frequency 1 time per quarter)

Yearly maintenance at the end of the season is important to avoid deposits and deterioration due to water and dirt and to reach long-term economy.

We advise you to completely clean your machine before winter storage in order to remove all foreign objects and rinse it with clear water.

Store your robot away from the light in a dry place preferably.

See to replace the wear parts either with your dealer or by your own care after taking advice from your dealer if necessary.

The well-maintained SPOT will definitely result in better duration, economy and safety

## C. Wear parts - service life

Article number	DESIGNATION	*Indicative Service life in hours
D00009N000	ROLLER WITH ROLLING	1500
D00009N700PVA	ROLLER WITH GRAY PVA WITH ROLLING	SEE COMPONENT
DB0005N000	DRIVE BELT	1500
DB0009N950	CROCODILE RED ROUGE OVERMOLD TRACK	1500
DC0002N000	PVA FOAM	750
DC0051N000-0160	SIDE BRUSH (SUR QS0109N000)	750
EEA129N000	AA BATTERY	Not defined
F00003N000-180	STANDARD 180 MICRON FILTER BAG	500
QV0004N000	PLASTIC ROLLER BEARING	1500

\*the service life indicated is indicative and depends on your type of use, the type of coating of the pool, the size of your pool.

Replacement of the batteries is the customer's responsibility and no warranty can be applied to them except damage or non-functioning noted on delivery.

## 6. Usage Tips and Troubleshooting

### Your safety:

Your robot SPOT has been manufactured according to the most rigorous standards. To ensure a safe operation, follow the instructions and the security rules indicated in this technical manual.

- Only connect the control box to a power outlet equipped with a ground terminal and protected by a residual differential current protection device up to 30mA, complying with the standards and regulations in force in the country in which it is installed
- To avoid the risk of electric shock, never open the control box. Call in a qualified technician.
- Never try to repair the power cable. Contact the After-Sale Service to have it replaced with the original spare part to avoid any injury.

### Usage tips:

Use your SPOT vacuum robot as often as possible: you will enjoy a pool that's always clean and the filter bag will clog slower.

- Never use the robot in the pool which bottom you can't see or with too high a level of algae.
- Keep the original packaging to store the robot in winter.
- Store the robot in a ventilated frost-free room, not containing chemicals and acids.
- Do not use the cleaner to mix or suck chemicals on the bottom of the pool.
- Do not leave the cleaner or its control box in the sun.
- Remove or pull up the wall ladders, if possible.
- All checks and modifications must be carried out only by authorized staff.
- For better cleaning of the bottom of the pool, only start working when the pool is empty for some time and the dirt has completely fallen to the bottom.

### ATTENTION!

**Never start the machine out of water.**

**To stop the machine immediately, press the started program or STOP on the radio control on your phone, or better, disconnect the power plug from the mains.**



### In case of problem:

#### A. The robot glides and does not make good trajectories

There may be 3 causes:

- The filter bag is full or dirty: just clean it.
- Although the water appears clear, there are microscopic algae, not visible to the naked eye, which make the ground slippery and prevent the robot from rolling properly. Slightly lower the pH (between 7 and 7.3) and then have a shock chlorination. Especially do not leave the robot in the water during shock treatment.
- The robot has a problem with its drive, roller or motor, and no longer has enough power to drive - contact your dealer.
- Check the condition of belts and tracks that may need to be cleaned or replaced.

#### B. The robot does not make any movement

Make sure the power outlet, on which the control box is connected, is well powered.

Check that:

- The fuse of the electrical box is well functional (accessible on the side of the control box without having to open it).
- You have connected the robot to the control box before connecting the control box to the mains
- You have correctly plugged the auto-floating cable into the control box.

If the problem persists => contact your dealer.

### C. The efficiency of cleaning seems to be decreasing

Make sure the filter is not dirty, saturated or pierced.

- Make sure the suction pump is working and the turbine is not blocked by an object.
- Check the condition of brushes and wheels.
- Make sure the cable is not too twisted and does not make too many loops during operation.
- It may happen that part of the pool is not cleaned properly after running the automatic program of your robot. If, at the end of the work cycle, the pool still needs to be cleaned, restart the automatic program but from the opposite wall. In this case, you can also use manual mode to complete the cleaning, in a very short time.

### D. The robot does not or no longer climb the walls

There may be 3 reasons:

- The filter is full or dirty: just clean it.

**NB:** Your robot is equipped with a filter condition monitoring sensor. The saturation detector indicates a saturated filter when it is red.

You can see by opening the filtration that the bag is not full. This is linked to the micro debris which is invisible but saturates the filter making the climb to the walls impossible. Just clean the filter.

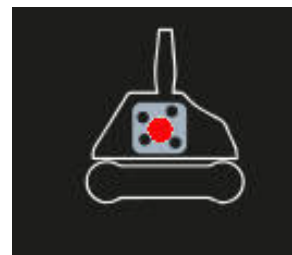
**NB:** Sometimes the detector does not light up when the filter seems full. This is possible when the robot is only picking up large debris, then the filtration will remain in operation. But to ensure the climb to the walls it must be emptied.

**NB:** If the filter was not cleaned during the last maintenance, the robot may not be able to climb to the walls without indicating that the filter is full. Just clean the filter.

- Although the water appears clear, there are microscopic algae in your basin that are not visible to the naked eye, which make the walls slippery and prevent the robot from climbing. So make a chlorine shock and slightly lower the pH (between 7 and 7.3). Do not leave the robot in the water during shock treatment.
- The robot has a problem with its drive, belt, caterpillar straps or motor, and no longer has enough power to climb up.

### E. The robot remains balancing on step ledge

Your robot is equipped with side brushes. Under certain specific operating conditions, it may be necessary to remove its brushes to prevent the device from getting stuck on a stair nosing.



#### **IMPORTANT !**

**Despite careful study of possible trajectories of the cleaner, the cable can twist due to the shape of the pool, obstacles, a specific flow of water into the basin or other external factors. This is not a machine failure. Remove the cleaner from the water and unroll**

## 7. Your Warranty

The present conditions correspond to the French laws in force at the date of printing of this document.

### A. Conditions

We guarantee that all materials are technically sound and free of defects of materials and manufacture and that they are consistent with the state of the art and techniques at the time of entry to the market. Subsequent technological modifications applied to our products due to technological progress cannot give rise to any intervention on our part.

The warranty is limited to repair or replacement of equipment if a defect in compliance is found.

The choice of the solution is at our discretion given that any application of the warranty could not exceed the resulting direct losses suffered and cannot lead to unreasonable costs to the dealer or the manufacturer.

The warranty is cancelled as of right if the equipment has been worked upon by a third party who does not belong to our workshop or by a repairer not certified by us or if modifications have been applied without our written consent. The warranty is also cancelled as of right if the operation and maintenance does not comply with the operation manual supplied with the equipment at purchase time.

All legal warranties as described in section 1641 of the Civil Code are applicable. Any text that could become Law after the printing of the present guarantee and whose terms would be in the order of public interest would automatically apply even if they are different from the present conditions.

### The warranty does not cover:

- Replacement of wearing parts such as tracks, brushes, foams, bearings, rollers, valves, belts, filter bags. Except damage or non-functioning noted on delivery.
- Electrical damage caused by lightning or a bad electrical connection.
- Breakage due to shocks.
- Any breakdown related to or not related to replacement with non-original parts.
- Problems resulting from non-compliance with the instructions in the operation manual.

Under no circumstances can the repair or replacement carried out under the warranty extend or renew the warranty period of the device.

### B. Warranty period

The warranty period is 2 years (except excluded from the warranty) from the date indicated on the sales invoice for the new product by the reseller to the first end user, which may not be earlier than the delivery date.

### C. Purpose of the Warranty

During the warranty period defined above, any component recognized as defective will be repaired or exchanged by the manufacturer by a new part or another one that is in good operating condition.

Subject to any French public policy provisions that may come into force after the publication of this warranty, transport and labour costs will be borne by the user.

In case of return to the workshop, the two-way transport costs will be borne by the user, the labor costs remain the responsibility of the manufacturer.

The immobilization and deprivation of enjoyment of the equipment due to its repairs cannot give rise to any compensation. In any case, the legal warranty of the seller continues to apply under section 4 of Decree n° 78-464 of the 24th of March 1978.

#### D. Transport Damage

The equipment is always transported at the recipient's own risk. The last is responsible to verify that the equipment is in perfect condition before accepting delivery. We cannot be held responsible in this matter.

#### E. Compliance

This equipment has been designed and manufactured according to the following standards:

- NF C15-100 Extra-low voltage supply for security
- NF EN 61000-6-3 March 2007 Electromagnetic compatibility (EMC) - Part 6-3 : generic standards - Emission standard for residential, commercial and light-industrial environments
- NF EN 60335-2-41/A1 January 2005 Household and similar electrical appliances - Safety - Part 2-41 : particular requirements for pumps.

#### Additional information relative to CE certification

The pool vacuum robot SPOT is marked CE according to the following instructions:

- Machine directive 2006/42/CE
- C.E.M. 89/336/CEE and 93/68/CEE
- Low voltage 2014/35/UE with which the equipment is compliant.

The product has been tested under normal conditions of use.

## 8. Generic controls

Applied to the device No. series \_\_\_\_\_

Step	Controls	Operator Initials	
A	Robot Tests		Ok
B	Trolley Test		Ok
C	Control Box Tests		Ok
D	Packaging control		Ok

The verification of controls was carried out by

Signature:

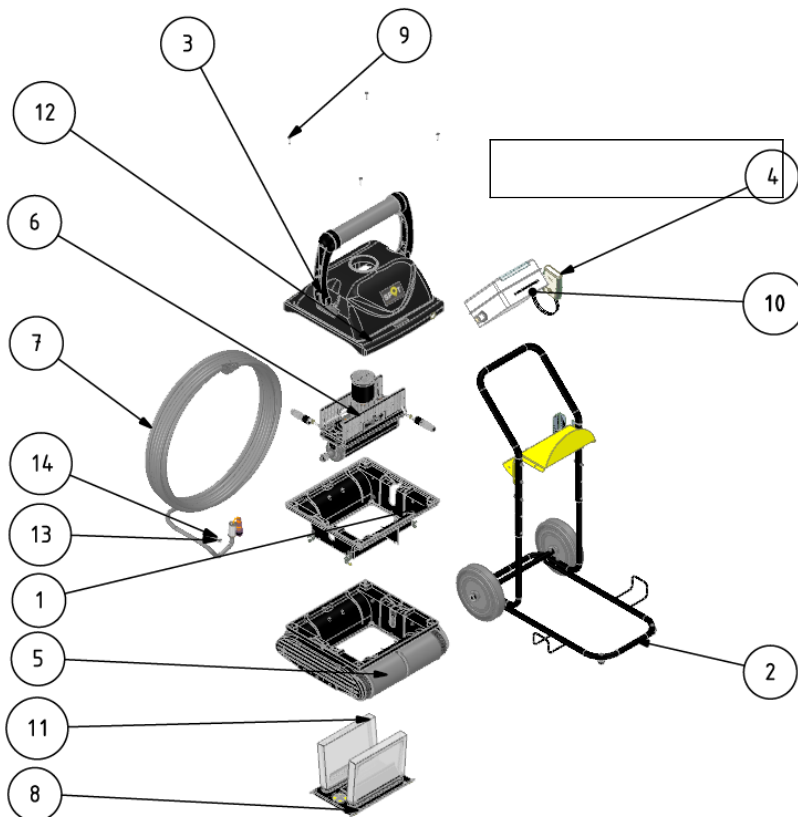
Date:

# Spare parts and nomenclature

## A. Robot

### SPOT 100 modele

NUMBER	PART NUMBER	QTY
1	AA0002N001 ROBOT BASE	1
2	K00013N001TUBULAR SPOT TROLLEY	
3	B00009N950 SPOT ARM 100-150 FULL BLACK	1
4	EG0003N000 ROBOT SPOT RADIO CONTROL	1
5	XYGPSP100- TRACTION V001 (SEE DETAIL ON PLAN)	1
6	SEE DETAIL ON XYGPSP100-MOTOR BLOCK	1
7	COCB30N700 AUTO-FLOATING CABLE GRAY30M SPOT	1
8	FB0008N000 FILTRE SUPPORT	1
9	VNFE25129-4-25-A4 SCREW PAN HEAD FLAT STAINLESS STEEL 4 BY 25	2
10	EK0503N002-F SPOT ELECTRONIC BOX	1
11	F00003N000-180 STANDARD 180 MICRON FILTRE BAG	2
12	H00004N9C0 FULL IPPO BLACK CARBON HOOD	1
13	QN0001N000 INTERNAL ROBOT CABLE CLIP	1
14	VDIN7981-3.5-13 SCREW PAN SOCKET LARGE CRUCIFORM 3.5	1



## SPOT50 Modele

NUMERO D'ARTICLE.	NUMERO DE PIECE	QTE
1	AA0002N001 BASE ROBOT	1
2	K00007N000 CHARIOT CROCO SQUIRREL	1
3	VOIR DETAIL SUR PLAN XYGPSP100-CAPOT	1
4	VOIR DETAIL SUR PLAN XYGPSP100-ELECTRONIQUE	1
5	VOIR DETAIL SUR PLAN XYGPSP100-TRACTION	1
6	VOIR DETAIL SUR PLAN XYGPSP100-BLOC MOTEUR	1
7	VOIR DETAIL SUR PLAN XYGPSP100-CABLE	1
8	VOIR DETAIL SUR PLAN XYGPSP100-FILTRATION	1
9	VNFE25129-4-25-A4 VIS TETE POELIER PLATE INOXA4 - 4 PAR 2	4



## SPOT 20 Modele

NUMERO	NUMERO DE PIECE	QTE
1	AA0002N001 BASE ROBOT	1
2	K00013N001 CHARIOT SPOT 20 TUBULAIRE	1
3	B00009N950 BRAS SPOT 20-150 NOIR COMPLET	1
4	EG0003N000 RADIOCOMMANDE ROBOT SPOT 20	1
5	XYGPSP100-TRACTION V001	1
6	VOIR DETAIL SUR PLAN XYGPSP100-BLOC MOTEUR	1
7	C0CB30N700 CABLE AUTOFLOTTANT GRIS 30M SPOT 20	1
8	FB0008N000 SUPPORT FILTRE CROCO	1
9	VNFE25129-4-25-A4 VIS TETE POELIER PLATE INOXA4 - 4 PAR 25	4
10	EK0503N002-F ARMOIRE ELECTRONIQUE SPOT 20	1
11	F00003N000-180 FILTRE SAC STANDARD 180 MICRON	2
12	H00004N9C0 CAPOT IPPO NOIR CARBONE COMPLET	1
13	QN0001N000 ATTACHE CABLE INTERNE ROBOT	1
14	VDIN7981-3.5-13 VIS TOLE CYLINDRIQUE CRUCIFORME LARGE 3.5 PAR 13 - INOXA2	2





## SPOT 200 Modele

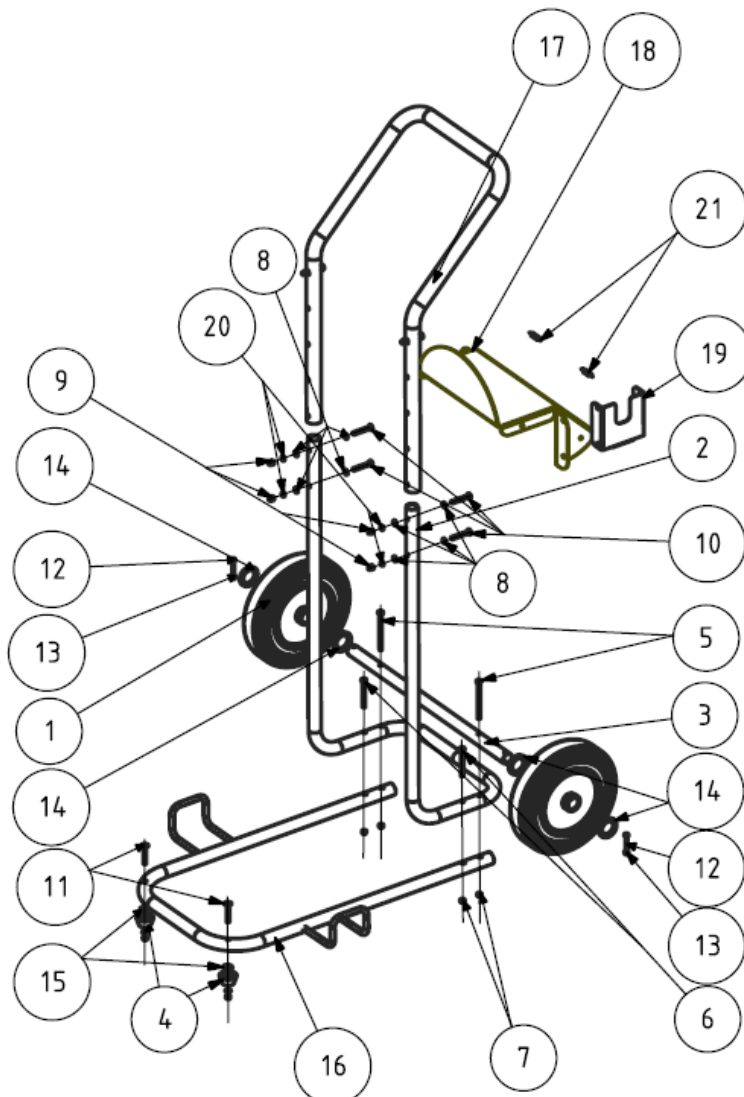
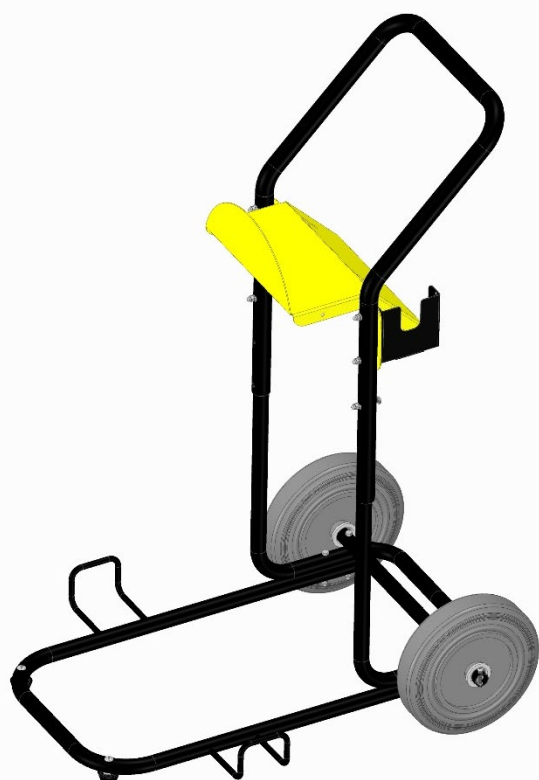
NUMERO D'ARTICLE.	NUMERO DE PIECE	QTE
1	AA0002N001 BASE ROBOT	2
2	XYGPSP200-CAPO1	1
3	XYGPSP200-ELECTRONIQUE	1
4	XYGPSP200-TRACTION	2
5	XYGPSP200-BLOC MOTEUR	1
6	XYGPSP200-CABLE	1
7	XYGPSP100-FILTRATION	2
8	VNFE25129-4-25-A4 VIS TETE POELIER PLATE INOXA4 - 4 PAR 25	8
9	VDIN7985-4-16 VIS TETE CYLINDRIQUE CRUCIFORME 4 PAR 16 - INOXA2	8



## B. Trolley and its assembly

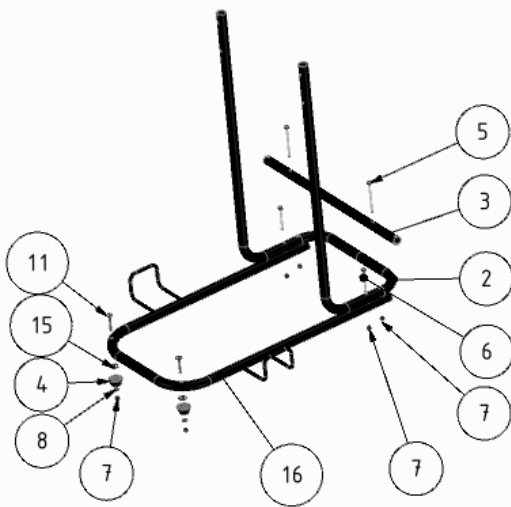
### SPOT 100 MODELE

NUMBER	PART NUMBER	QTY
1	DD0041N000 FULL WHEEL D200 GRISE	2
2	KA0047N001 MOUNTING VERTICAL TUBE FOR SPOT TROLLEY	1
3	KA0004N951 SPOT TROLLEY WHEEL AXLE	1
4	KA0239N000 BASE	2
5	VDIN933-5-70-A4 HEXAGONAL HEAD SCREW STAINLESS STEEL A4 M5 L70	2
6	VDIN933-5-50-A4 HEXAGONAL HEAD SCREW STAINLESS STEEL A4 M5 L50	2
7	VDIN985-M5-A4 STAINLESS STEEL BRAKE NUT M5 - STAINLESS STEEL A4	6
8	VDIN125A-M5-A4	14
9	VDIN1587-M5-A4 CAP NUT M5 - STAINLESS STEEL A4	6
10	VDIN7985-5-35 SCREW PAN HEAD CRUCIFORM 5 PAR 35 - STAINLESS STEEL A2	6
11	VNFE25129-5-35-A4 LARGE ROUND HEAD SCREW STAINLESS STEEL A4 M5 L35	2
12	VDIN7985-6LOB-4-25-A4	2
13	VDIN985-M4-A4 BRAKE NUT M4 - STAINLESS STEEL A4	2
14	VR0004N000 TROLLEY WHEEL STOPPER WASHER - TENSIONER TRACK	4
15	VDIN125A-M5-LL-A4	2
16	KA0048N001 SPOT TROLLEY PELLE TUBE (IN-OUT)	1

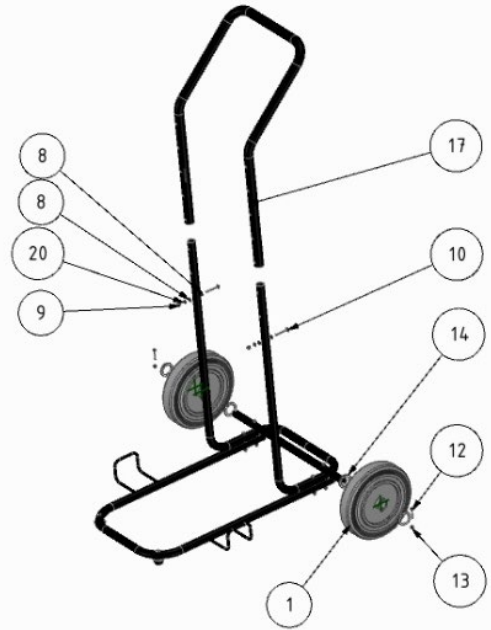


# Trolley assembly

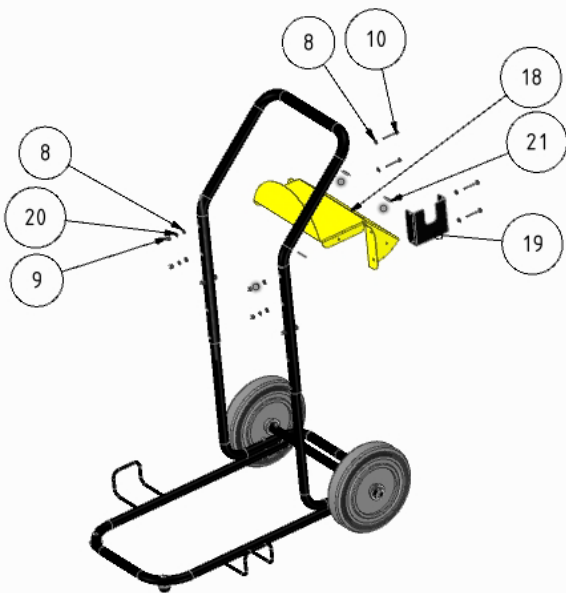
## Step 1



## Step 2

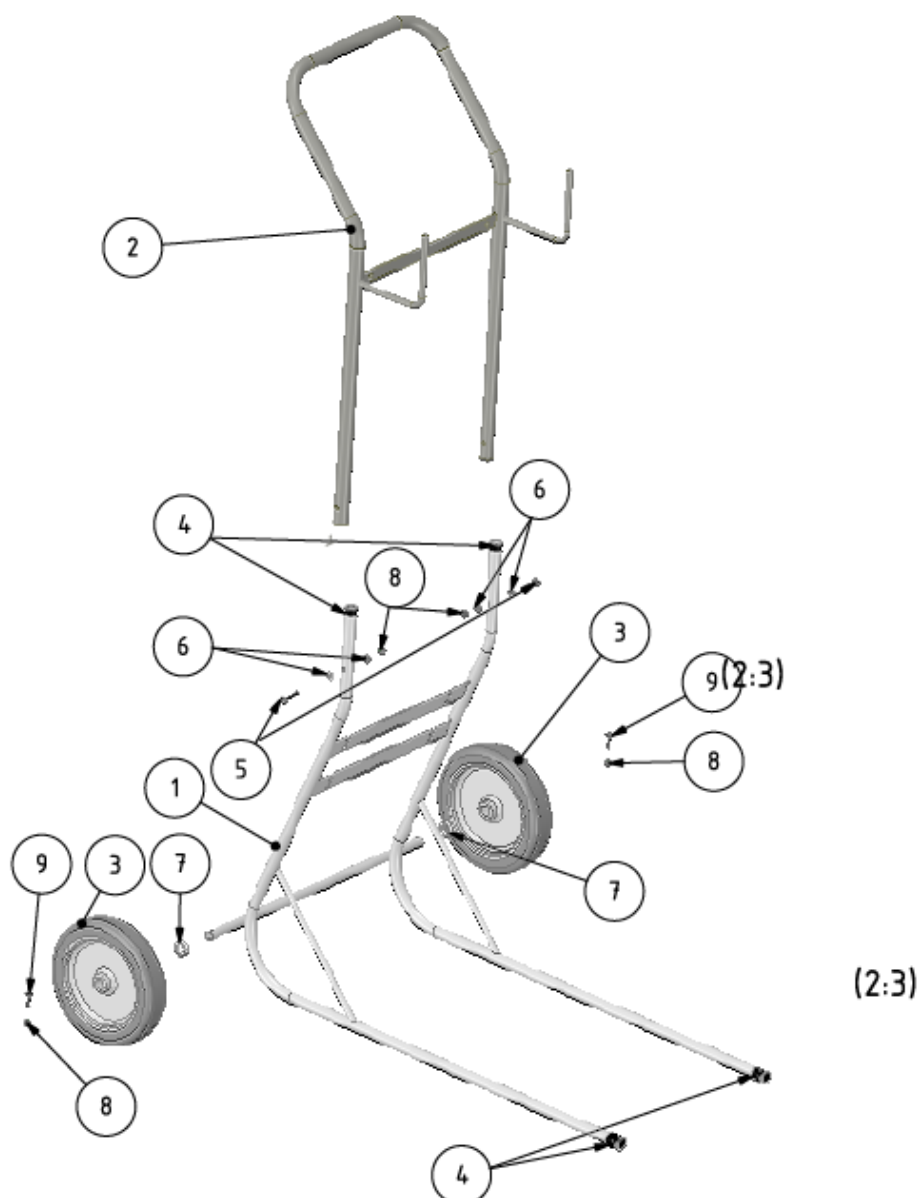


## Step 3

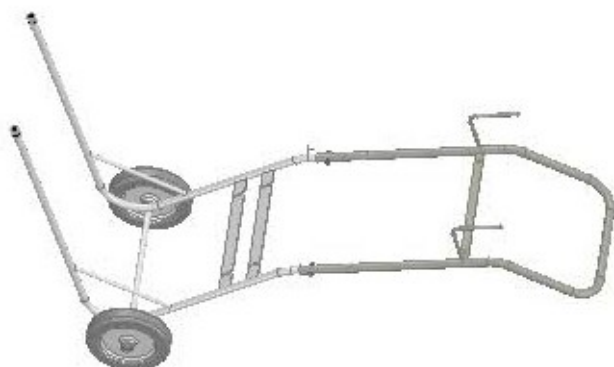
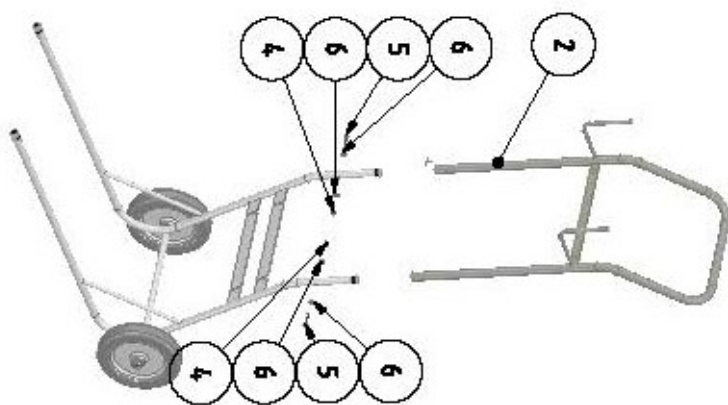
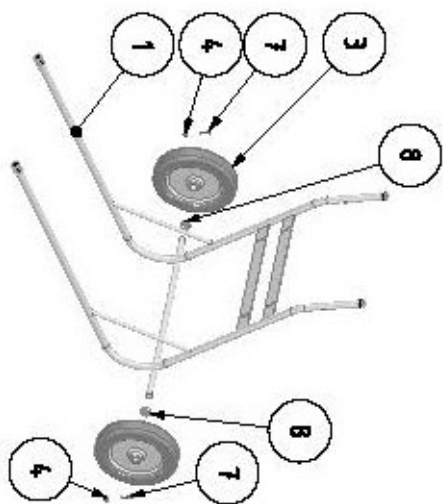


# SPOT 50 MODELE

NUMERO D'ARTICLE	NUMERO DE PIECE	QTE
1	KA0054N000 PELLE CHARIOT CROCO	1
2	KA0055N700 MONTANT CHARIOT CROCO	1
3	DD0002N000 ROUE DE CHARIOT CROCO	2
4	Finition - endings	1
5	VDIN7985-6LOB-4-25-A4	2
6	VDIN125A-M4-A4	4
7	QE0037N000 ENTRETOISE PLASTIQUE	2
8	VDIN985-M4-A4	4
9	VDIN7985-6LOB-4-16-A4	2

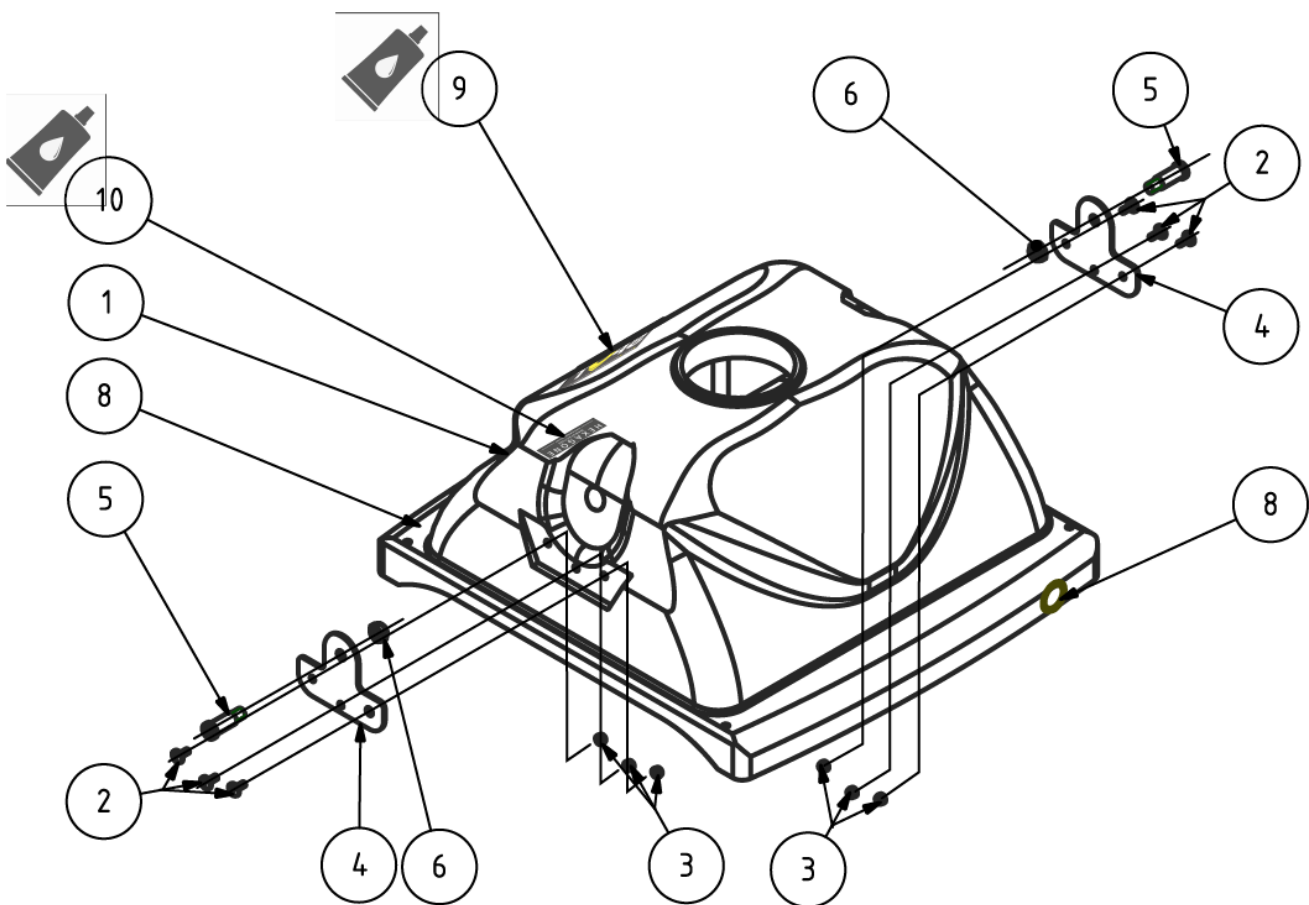
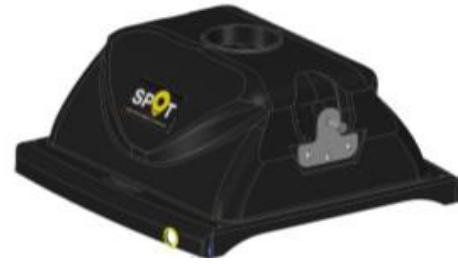


# Montage du chariot



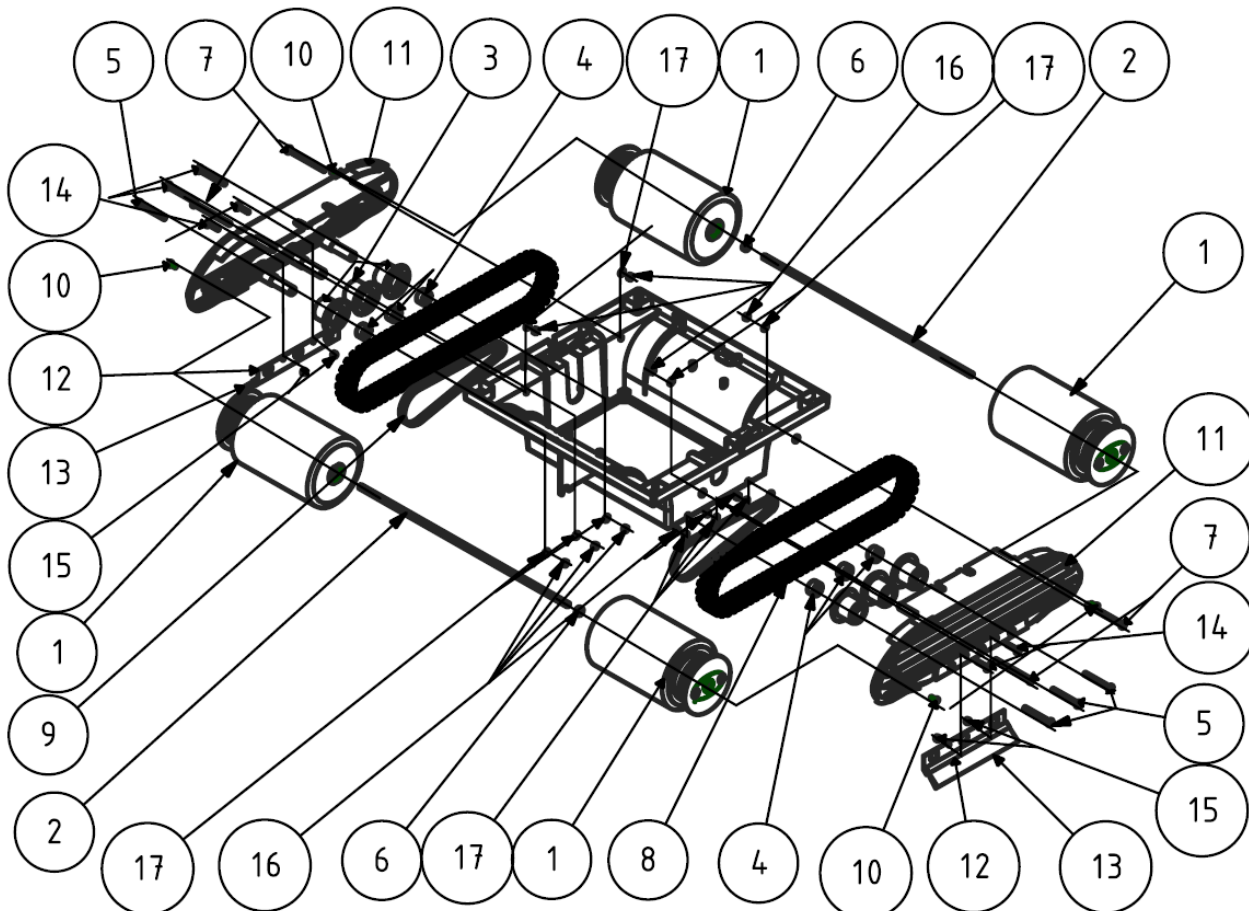
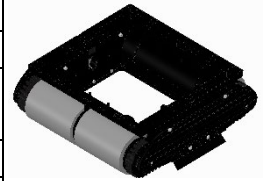
## C. Hood

NUMBER	PART NUMBER	QTY
1	HA0002N9C0 BARE IPPO BLACK CARBON HOOD	1
2	VNFE25129-4-10 SCREW PAN HEAD STAINLESS STEEL A2 - 4 BY 10	6
3	VDIN985-M4-A4 Lock nut stainless steel A4 M4	6
4	HA0003N000 ARTICULATION SHEET ARM ON IPPO	2
5	VD0002N000 SPECIAL SCREW M8 ARM FIXATION	2
6	VDIN985-M8 Lock nut stainless steel A2 M8	2
7	VDIN125A-M5-L-A4 FLAT WASHER M5 L STAINLESS STEEL	6



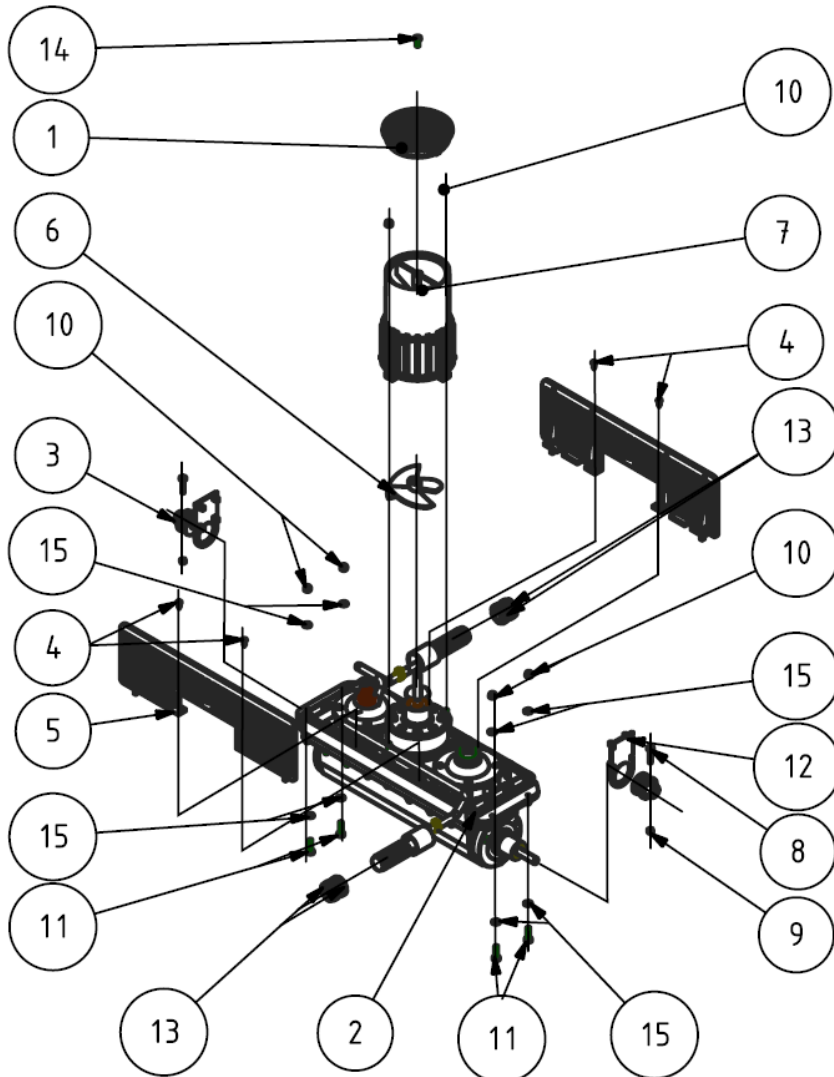
## D. Traction

NUMBER	PART NUMBER	QTY
1	D00009N700PVA SPOT ROLLER WITH GRAY PVA	4
2	DF0002N000 HEXAGONAL ROLLER AXLE	2
3	QA0007N000 GUIDE PULLEY	6
4	QE0012N000 D20x12 GUIDING PULLEY SPACER	6
5	VDIN7985-5-50 SCREW PAN HEAD CRUCIFORM 5 BY 50 - STAINLESS STEEL A2	6
6	QE0007N000-8.2-12.0-7.5 BLACK NYLON SPACER D8.2XD12.0X7.5MM	2
7	VDIN7985-5-70 SCREW CYLINDRICAL HEAD CRUCIFORM 5 BY 70 - STAINLESS STEEL A2	4
8	DB0009N950 BLACK SPOT OVERMOLDED CRAWLER	2
9	DB0005N000 TRANSMISSION BELT	2
10	VDIN7985-4-10-A4 SCREW CYLINDRICAL HEAD CRUCIFORM 4 BY 10 - STAINLESS STEEL A4	4
11	AB0005N950 ROBOT SPOT BLACK FLASK	2
12	QS0109N000 SUPPORT PROFILE FOR SPOT BRUSH ( DC0051N000-0160)	2
13	DC0051N000-0160 STRIP BRUSH LENGTH 25MM FOR SUPPORT TYPE QS0109N000 (SS)	2
14	VNFE25129-4-20-A4 SCREW PAN HEAD STAINLESS STEEL A4 - 4 BY 20	4
15	VDIN985-M4-A4 Lock nut stainless steel A4 M4	4
16	VDIN985-M5-A4 EBRAKE NUT STAINLESS STEEL M5 - STAINLESS STEEL A4	10
17	VDIN125A-M5-A4 FLAT WASHER M5 MEDIUM - STAINLESS STEEL A4	20



## E. The motor block

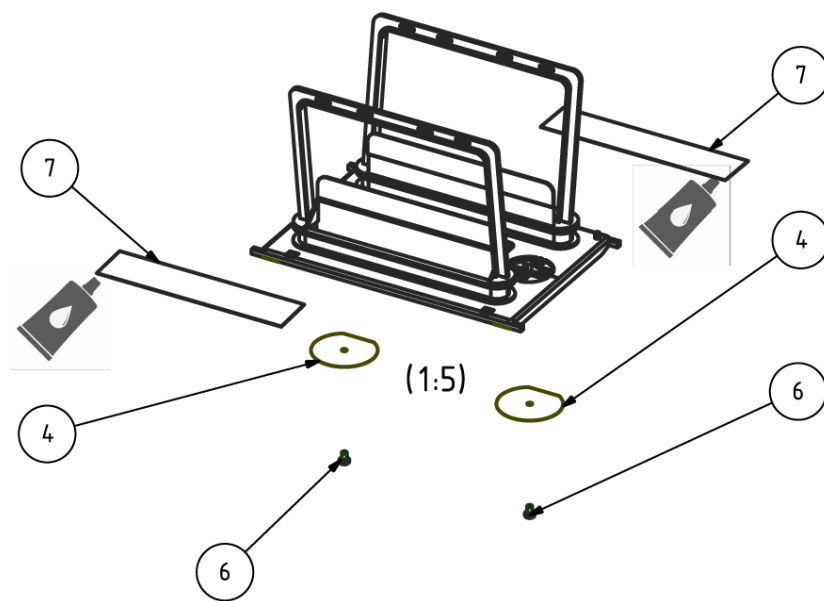
NUMBER	PART NUMBER	QTY
1	PB0008N000 PLASTIC DIFFUSER	1
2	M00032N000 SPOT MOTOR BLOCK	1
3	QA0008N000 TOOTHED PULLEY	2
4	VDIN7981-2.9-9.5 SCREW LARGE CRUCIFORM SHEET 2.9 BY 9.5 - STAINLESS STEEL A2	4
5	AF0004N000 PUMP PROTECTION GRILL	2
6	PB0007N000 PLASTIC TURBINE	1
7	PB0009N000 PLASTIC DIFFUSER SUPPORT YOYO	1
8	VDIN7985-3-20 CRUCIFORM SCREW 3 BY 20 - STAINLESS STEEL A2	2
9	VDIN985-M3 Lock nut stainless steel A2 M3	2
10	VDIN985-M4-A4 Lock nut stainless steel A4 M4	6
11	VDIN7985-4-16 CRUCIFORM SCREW 4 BY 16 - STAINLESS STEEL A2	4
12	MB0014N000 FIXING HOLDER, MOTOR BLOCK	2
13	VEPM18 Nut M18 plastic	4
14	VDIN7985-4-10-A4 CRUCIFORME 4 PAR 10 - A4 STAINLESS STEEL	1
15	VDIN125A-M4-A4 FLAT WASHER M4 M - STAINLESS STEEL A4	8





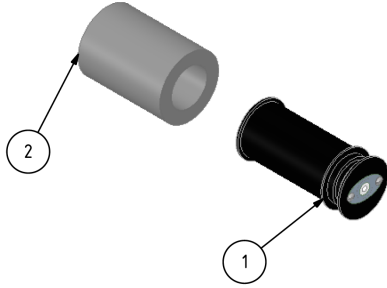
## F. Filtration

NUMBER	PART NUMBER	QTY
4	JD0005N000 CROCO SPOT EVACUATION VALVE	2
6	VDIN7985-6LOB-5-8-A4	2
7	JD0004N000 NON-RETURN VALVE ON CROCO SPOT	2

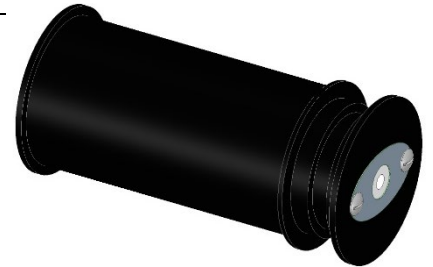
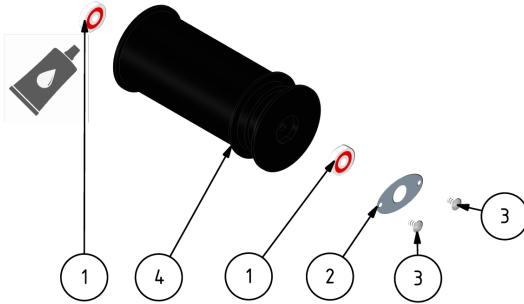


## G. Rollers and coatings

NUMBER	PART NUMBER	QTY
1	D00009N000 CROCO ROLLER WITH BEARING	1
2	DC0002N000 PVA FOAM FOR CROCO	1



NUMBER	PART NUMBER	QTY
1 *	QV0004N000 PLASTIC FLAT BEARING	2
2	QD0022N000 CROCO SPOT ROLLER SHUTTER	1
3	VNFE25129-5-10-A4 SCREW PAN HEAD STAINLESS STEEL A4 - 5 BY 10	2
4	D00004N000 PLASTIC ROLLER	1



\* be careful the bearing is glued using cyanoacrylate glue on the outer ring only

## I GENERAL SALES PROVISIONS:

### I.1. APPLICATION AND ENFORCEABILITY OF THESE GENERAL CONDITIONS

These general conditions of sale (hereafter, "GCS") apply systematically to every buyer (hereafter "the Customer") with the current Hexagone Manufacture S.A.S. tariff, allowing him/her to place an order. As a result, the fact of placing an order implies full acceptance without reservation by the Customer of the GCS. No specific condition may, except in cases of formal and written acceptance from Hexagone Manufacture S.A.S., prevail over the GCS. In the absence of express acceptance, no contrary condition may be raised in objection with Hexagone Manufacture S.A.S. by the Customer, regardless of the time when it may have been brought to its knowledge. The fact that Hexagone Manufacture S.A.S. does not avail itself at any given moment of any one of these GCS may not be interpreted as a waiver of the right to avail itself of this at a later date. These GCS prevail over any Customer general conditions. These GCS apply to all countries.

### I.2. ORDER:

Order means any order relating to products which appear in our tariffs, and accepted by Hexagone Manufacture S.A.S. Offers made by our agents or by telephone shall only constitute a commitment on our side after written confirmation from us. The Customer shall be deemed in agreement with the content of our confirmation if, within eight (8) days, he/she has not shared his/her observations with us in a written registered mail with acknowledgement of receipt. In the absence of any written observation, the order shall be deemed irrevocable. The order is non-transferrable and may not be transferred without the agreement of Hexagone Manufacture S.A.S.

### I.3. ORDER FULFILMENTS:

We reserve the right to make any modifications or improvements we deem necessary to our products at any moment, without this serving as grounds for a Customer to cancel an order, or requiring us to make any modifications or improvements to previously-delivered products.

### I.4. CANCELLATION OF ORDERS:

No order can be cancelled by our Customers without our prior and express agreement.

In any case where Hexagone Manufacture S.A.S. should accept the cancellation of an order, any deposit paid by the Customer shall be retained by us in compensation.

### I.5. DELIVERY :

Deliveries are carried out by freight forwarders either directly to the Customer or via a carrier.

#### 1.5.1. DELIVERY TIMES:

Delivery times as well as transportation times are determined on a case-by-case basis and are entirely indicative and without guarantee. Unless there is a contrary agreement, they shall never constitute a commitment on our side. Any delay to delivery shall not constitute grounds to terminate the order, or grounds for refunds, damages or interests, deductions, compensation, cancellation of the current order or the refusal of goods, as well as any kind of indemnity. In cases of force majeure, and especially: fire, flood, discontinuation of product, machinery breakdown, war, riots, requisition, required reduction of imports, accident or manufacturing delay at our suppliers, delay to transportation of goods, as well as in cases of the occurrence of any event beyond our control which prevents the execution of the contract under normal conditions, whereby manufacture and/or delivery have been prevented or delayed, then our contractual obligations shall be suspended for as long as the case of force majeure exists, without any responsibility borne by Hexagone Manufacture S.A.S., even if a firm timescale has been confirmed. If the case of force majeure should continue for longer than forty-five (45) days, the more diligent party may, if it wishes, cancel the order affected by the case of force majeure without either of the parties laying claim to the payment of damages and interests.

#### 1.5.2. TRANSFER OF RISKS

The transfer to the Customer of risks of loss, theft or damage of goods sold, as well as the damages these may cause, shall be effective from the moment the courier takes possession of the order. The Customer shall, as a result, take out insurance covering these risks pertaining to the reception of goods for delivery by the courier.

#### 1.5.3. TRANSPORT

Unless otherwise stipulated, delivery shall be made by our accredited couriers with shipping costs billed to the Customer in addition to the price paid for the goods. Hexagone Manufacture S.A.S. cannot be held responsible for damage which occurs during transportation or unloading. Goods shall always travel at the Customer's risk, even in case of returns or dispatches sent carriage paid or C.O.D. The Customer shall be responsible for checking that the goods are in good condition at the moment of delivery. They shall also check the quality, quantity and reference of goods, as well as that they match the original order. The Customer shall relay, where necessary, any concerns to the courier concerning missing and/or damaged goods, the type of damage and the extent thereof.

These concerns must be communicated to the courier by the Customer by extra-judicial act or registered letter with acknowledgement of receipt within three (3) days, not including bank holidays, of the reception of said goods (article L133-3 of the French Code of commerce); one copy shall also be addressed to Hexagone Manufacture S.A.S. All recourse shall be sought from the carrier. Where, in accordance with reasonable commercial standards, Hexagone Manufacture S.A.S. carries out additional transportation operations, such as loading, wrapping, securing, taking out an insurance policy, customs formalities etc. it shall only act as a representative of the consignee who retains their responsibility for the cost, risks and perils of such operations.

### I.6. COMPLAINTS AND RETURN OF GOODS

Without prejudice to claims made against the carrier by the Customer, such as those included in article 1.5.3., in the case of visible defects or missing products, any complaint, whatever its nature, relating to delivered products, shall only be accepted by Hexagone Manufacture S.A.S. if it is made in writing, by registered letter with acknowledgement of receipt, within fifteen (15) days following the delivery date. No goods may be returned without our express agreement and goods may only be returned if fit for resale. The Customer shall allow Hexagone Manufacture S.A.S. to verify any defects to allow for these to be remedied. He/she shall abstain from intervening themselves or from seeking intervention from a third party. The cost and risk of returns shall be borne by the Customer at all times. Any goods returned without our agreement shall be made available to the Customer and shall not lead to the establishment of an asset. Justified returns shall be subject to a replacement of the product as deemed most appropriate by Hexagone Manufacture S.A.S. in light of the Customer's needs or, where it is impossible for us to do so, a credit shall be made to the Customer after we have verified the quality of the returned machine, which shall exclude any compensation or damages and interests, deduction of the price of usable accessories, missing equipment and the cost of returning it to good working order. In cases where Hexagone Manufacture S.A.S. accepts the return of goods in conformity with the initial Customer requirements, the purchase price of said goods shall be paid to the Customer to a maximum of 75% of the billed value.

### I.7. PRICE AND PAYMENT

1.7.1. Prices, information and technical characteristics which can be found in our catalogues, tariffs, prospectus, technical specifications or other documents are indicative and cannot be deemed firm offers. These documents have no binding nature and can be modified at any moment and without prior notice. Our prices are expressed in Euros. Any taxes, duties or other contributions to be paid in accordance with

French legislation and regulations, or those of an importing or transit country shall be borne by the Customer.

1.7.2. Our materials are always billed at the current tariff at the moment when the order is confirmed by Hexagone Manufacture S.A.S., and are less tax from the moment they depart our headquarters in Argenteuil, carriage and packaging not included.

1.7.3. A fixed sum of 21 € less tax on charges for all invoices of under 80 € less tax.

1.7.4. Our invoices are payable upon reception unless a different payment schedule is indicated on the invoice. Only the cashing of a paper instrument or cheque or the reception of a bank transfer shall be considered as valid payment under these GCS. In cases of payment by bills of exchange, the Customer is required to return the accepted paper instruments presented to them within a maximum of seven (7) days. Any amount including tax not paid within the allotted time shall give rise to a payment by the Customer of delay penalties fixed at 3% per month's delay, as well as a fixed rate of compensation to cover losses to our Company of a total of FORTY (40) EUROS. If the recovery costs are greater than the amount of said compensation, our Company shall then seek, with supporting documents, additional compensation (articles L.441-6 and D.441-5 of the code of commerce).

1.7.5. Recourse to our warranty obligation or any other demand of any kind that the Customer may make shall not allow him/her to in any case or under any pretext retain or delay payments owed to us, it is also expressly required that any delay or failure to pay should lead to the ceasing of recourse to our warranty and agreements.

1.7.6. Our sales are made fully and without exception at our Argenteuil headquarters, unless otherwise specified. Acceptance of our bills of exchange or payment by any other means shall not constitute either a renewal of or a derogation from this clause.

1.7.7. Failure to accept our drafts or payment default at the expiry of a bill of exchange or an invoice, and whatever the mode of payment or in cases of cessation of activity or cessation of funds, shall lead to the forfeiture of the term, requiring that all debts to us, including those not yet expired, be paid immediately. It shall also lead to the suspension or resolution of tenders, contracts and orders in progress, without possibility for the Customer to argue an unjustified refusal of sale, or claim any kind of compensation.

## 1.8. TRANSFER OF PROPERTY – OWNERSHIP RESERVE CLAUSE

Hexagone Manufacture S.A.S. reserves ownership of goods sold until effective payment of the full price for the main goods and accessories, even in cases of granting of payment terms.

The Customer may in no case resell, pledge or grant a guarantee on the good delivered and not fully paid for. Payment default on any deadlines may lead to goods being reclaimed. Where reclaims are made, deposits already paid shall be retained by Hexagone Manufacture S.A.S. in compensation.

## II WARRANTIES AND RESPONSIBILITIES:

II.1. Goods must be verified by the Customer upon delivery, and any complaint, reservation or dispute relating to missing goods or apparent defects should be made within the provisions of article 1.6. In case of apparent defects, defective parts shall be replaced by Hexagone Manufacture S.A.S. or the goods replaced, subject to verification of the alleged defects. The Customer shall supply any documentation or elements which demonstrate the extent of observed defects. No complaints can be made by the Customer more than fifteen (15) days after the delivery of the goods. Indications of performance, speed, consumption power, weight etc. are only given on an indicative basis and without any commitments or guarantees on our side, any inaccuracies may in no case give rise to the termination of an order or a request for compensation.

II.2. Our products are aimed at professionals, and as such should only be handled by individuals who have received free training on the product offered to the Customer by Hexagone Manufacture S.A.S. or its accredited distributor. Our pool cleaners are guaranteed against any material and construction defects for a period of twenty-four (24) months from the delivery date and for up to 1200 hours of use. Our devices other than pool cleaners are guaranteed for 12 months from the delivery date. Our warranty only applies to products which have become the property of the Customer.

II.3. We shall no longer be bound by our warranty obligation in cases where the warranty terms on some aspects of our products are breached without our express agreement.

II.4. Our warranty is limited to the replacement or repair of parts which we deem defective, excluding any other damages.

II.5. Hexagone Manufacture S.A.S. accepts no responsibility in cases of operating losses, loss of time or of any other indirect loss caused by its goods. The Customer must seek a substitute to defective equipment. Furthermore, the client shall comment on the usage scope of the equipment in case of defects observed on the material by themselves or in the place of use or on their mode of use.

II.6. All standard new or exchanged spare parts are guaranteed for 6 months for a maximum 500 hours of use.

II.7. Warranty on consumable parts. Filters, brushes, crawlers, belts, cables, trolley tyres are considered consumable parts, whose warranty is limited to 6 months and a maximum of 300 hours of use.

II.8. Exclusions to warranty in the following cases:

damage and wearing resulting from a special, abnormal or otherwise application or assembly, carried out by the Customer or a third party without prior and written agreement from Hexagone Manufacture S.A.S; use of our goods in conditions of use or performance which do not conform with the technical specifications of Hexagone Manufacture S.A.S., and more generally inappropriate or clumsy usage; damage or accident caused by the intervention of an employee of the Customer not trained to use the product or a company not accredited by Hexagone Manufacture S.A.S; defects and/or damage to goods following maintenance not carried out in line with Hexagone Manufacture S.A.S. recommendations or failure to maintain, or irregular storage and/or conservation conditions by the Customer; whereby the Customer fails to notify Hexagone Manufacture S.A.S. in writing (specifically by fax or email) from the moment they observe the defect to the product under warranty and whereby they maintain in service a part or section of the defective product which may lead to further and more significant damage to the product or to the place of use. Malfunctioning as a result of normal wearing (e.g.: snapped belts, dead remote control batteries, bare brush-heads, etc...) or linked to problems with linings of and/or to specific shapes of pools which do not conform with the specification table required by Hexagone Manufacture S.A.S.; breakdown as a result of incorrect electrical installation, current fluctuations, poor connections or even the failure to observe by the Customer the electrical standards in force in the country of use; damage caused by external accidents: fall, transportation, fire, flood, melting, blackout, short-circuit, as well as accidents such as shocks, power-cuts, the introduction of foreign objects and/or liquids (acid, cleaning product, chlorine, water, tropical rainfall, etc...); where a third party or the Customer themselves has opened the electric control box and/or the engine or pump or gyroscope without our written agreement. The anti-corrosion warranty does not apply to sulphuric water or that without daily cleaning with stainless steel clear water.

As a result, Hexagone Manufacture S.A.S. shall not be held responsible for material damage or accidents suffered by individuals as a result of one of the cases listed above.

Shipping and returns costs incurred by the application of the warranty shall be borne by the Customer. We accept no responsibility for damage caused to property due to our products following an equipment failure or a construction defect to equipment sold.

### PLEASE NOTE

The length of warranty for the defective equipment or part under guarantee shall be extended by a duration equal to the time spent in our servicing department where this is longer than a week.

Outside of warranty repairs are subject to an estimated charge of 150 Euros less tax. This amount is only due if the Customer turns down repairs.

Any parts delivered by Hexagone Manufacture S.A.S. shall be invoiced at the moment of delivery.

In cases of warranty claims, said defective piece shall be returned to Hexagone Manufacture S.A.S. within a month maximum for assessment and work. Beyond this time, we can no longer accept it. Hexagone Manufacture S.A.S. shall in no case be held solely responsible for the cleanliness of pools. It is therefore recommended that the Customer always have access to a substitute for a defective machine.

If a technician from Hexagone Manufacture S.A.S. should establish that the breakdown is not covered by warranty, the technician may invoice for the uncovered problem in line with to the current tariff.

Following testing of equipment under guarantee whose defect has not been found during servicing, the Customer shall be billed for the time spent looking for the defect.

Mode of intervention: you can contact the technical service by calling 0134341155 or any other Hexagone Manufacture S.A.S. agency. For work done under warranty, equipment or parts may only be sent to the following address: Hexagone Manufacture S.A.S., 34 rue du Perouzet, 95100 Argenteuil, France, quality service.

To request work under warranty, the Customer must fill in a sheet authorizing the work, including the device's serial number, the in-service date, the number of the replacement part, as well as observations regarding the defect observed.

### **III. INDUSTRIAL PROPERTY:**

Any technical documents sent to our clients remain the exclusive property of Hexagone Manufacture S.A.S., the sole holder of intellectual property rights over these documents, and must be returned to us upon request. In accordance with laws currently in force, it is forbidden for customers to fully or partly reproduce our technical and commercial documents and to make any use of them which is liable to violate the industrial or intellectual property rights of our company. The Customer shall undertake not to divulge these to any third party.

### **IV. INTERNET**

We reserve the right to ask for removal of our products from sale on a website which does not respect our commercial policy in terms of price and trading conditions.

### **V. TERMINATION CLAUSE**

In cases where any one of the Customer obligations is not respected by the latter, sale may be terminated fully within rights, and goods returned to Hexagone Manufacture S.A.S. as it sees fit, without prejudice to any damages or interests which Hexagone Manufacture S.A.S. may assert to the Customer, within 48 hours after a formal notice which goes unanswered. In this case, Hexagone Manufacture S.A.S. is within its rights to seek a fixed rate of compensation of 15% of the total sale price from the Customer, as well as default interests and any legal fees incurred.

### **VI. PROFESSIONAL WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (EEE)**

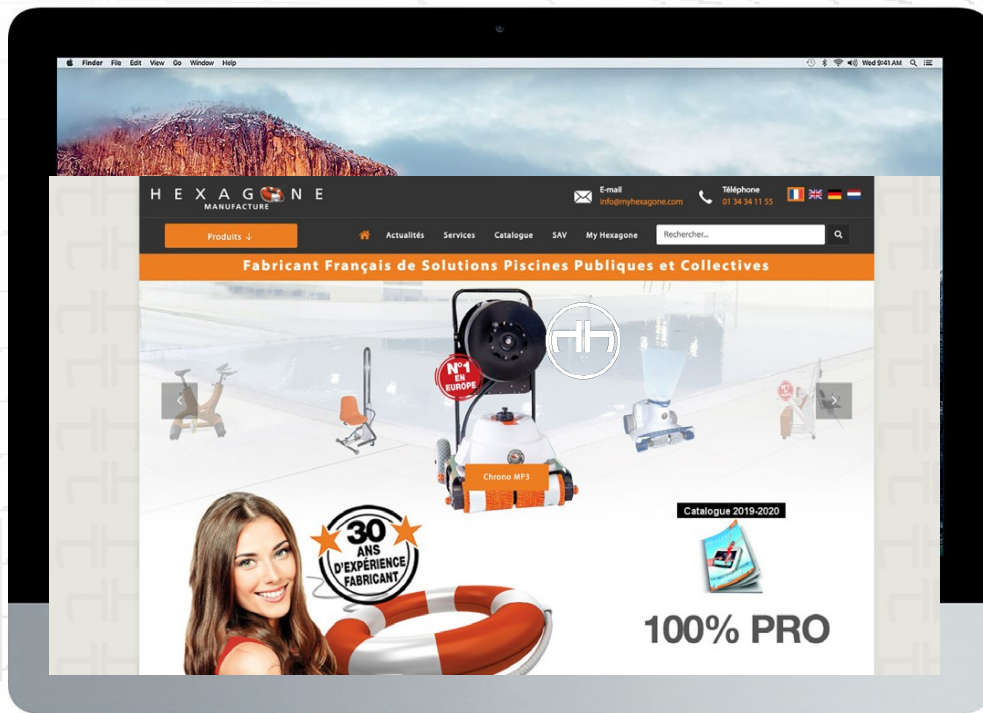
In accordance with the provisions in articles R543-195 and R543-196 of the Environment Code modified by Decree n°2014-928 of the 19 August 2014, our Company has hereby joined the accredited eco-body LOXY at Parc d'Activité du Vert Galant 17 rue Antoine Balard – 95310 Saint-Ouen l'Aumône (RCS Pontoise 482.644.952) with a view to ensuring the collection and treatment of professional waste electrical and electronic equipment.

### **VII. APPLICABLE LAW – ATTRIBUTION OF COMPETENCE**

This contract is governed by French law. The application of the Vienna Convention on Contracts for the International Sale of Goods is specifically excluded. Any dispute relating to the forming, implementation or termination of contractual obligations between the parties which does not lead to amicable settlement shall be referred to the French courts. In case of any dispute with professionals and/or merchants, this shall be referred to the TRIBUNAL OF COMMERCE OF PONTOISE within whose area of jurisdiction Hexagone Manufacture S.A.S.'s headquarters is situated, whatever the conditions of sale and mode of payment accepted may be, even in cases of incidental claims, warranty appeal or of more than one respondent, Hexagone Manufacture S.A.S. reserves the right to refer the case to the competent local jurisdiction where the Customer's headquarters are situated.

### **VIII. PARTIAL NULLITY**

If one of the clauses or provisions of these GCS should be annulled or declared void by a definitive court ruling, such nullity or void nature shall be without prejudice to the other clauses and provisions, which shall continue to apply.



[www.myhexagone.com](http://www.myhexagone.com)



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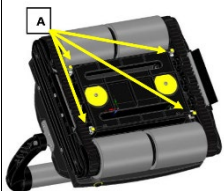
Avec notre flash code :  
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## Cleaning Steps

### After each use:



1. Turn off the pool cleaner
2. Tilt the robot and Unlock the 4 stainless steel latches "A"
3. Remove the black filter holder.
4. Take out the filter bags and clean them with a strong jet of clean water or if necessary with slightly soapy water. In this case, rinse them thoroughly. Do not wring it out, do not put it in the washing machine. Do not clean with a high pressure cleaner.
5. Put everything back in place; reassemble the filter holder and make sure to respect the direction of assembly (keyed).

The robot must be cleaned regularly with clean water. Check and remove any waste stuck in the drive or in the turbine. No external mechanical part requires lubrication or special maintenance

### Every Week :



#### Maintenance of the self-floating cable :

During cleaning, the cable will heat up and may take a circular shape causing knots. We recommend that you extend the entire self-floating cable once a week, leaving it straight for 15 minutes. It will then return to its original state

### Every month or trimester



#### Cleaning the lake of water detectors

The stainless steel detectors placed on the side of the floating arm (depending on your robot model) need periodic cleaning: use a water-vinegar solution or any other descaling product. Do not use strong acids.

#### Cleaning the self-floating cable plug:

The plug of the self-floating cable connecting the robot to the control box is fragile and not waterproof, it must not fall to the ground or into the water. Moisture or traces of limescale can get on the small cards and we recommend that you use sandpaper or WD 40 type spray to remove it (frequency 1 time per quarter)

## Storage

At the end of the season, check the condition of the brushes, foams, belts, tracks and carry out an overhaul if necessary. We recommend that you carry out a complete cleaning of your robot in order to remove all foreign bodies.

Store your robot in a dark place in a dry place. Keep the robot frost-free. Store your robot ensuring that it is not resting on these foam or plastic brushes, elevate it and prop it up on its frame.

Cover your robot when used outdoors to protect it from the rain.

## Defaults

### The robot slips and does not make good trajectories

- The filter bag is full or dirty: just clean it.
- Although the water looks crystal clear, there is microscopic algae, not visible to the naked eye, which makes the floor slippery and prevents the robot from rolling properly. Slightly lower the pH (between 7 and 7.3) and then shock chlorinate.
- Check the condition of belts tracks and brushes that may need to be cleaned or replaced.

### The robot does not perform any movement

Check: that the outlet to which the control box is connected is properly supplied.

- The electrical cabinet fuse is functional (accessible on the side of the control box without having to open it).
- You have connected the self floating robot to the control box before connecting the control box to the mains.
- That you have correctly connected the self-floating cable to the control box.

### The efficiency of cleaning seems to decrease

Check that the filter is not dirty, saturated or punctured.

- Make sure that the suction pump is running and that the turbine is not blocked by an object.
- Check the condition of the brushes and wheels.
- Check that the cable is not twisted too much and does not make too many loops during operation.
- If, at the end of the work cycle, the pool still needs to be cleaned, restart the automatic program but from the opposite wall. In this case, you can also use the manual mode to complete the cleaning, in a very short time.

### The robot does not or no longer climb the walls

When the filter is saturated, the robot automatically goes into floor cleaning mode, it will no longer climb the walls. Filters must be cleaned and a cleaning cycle restarted



# QUICK START GUIDE ROBOT SPOT

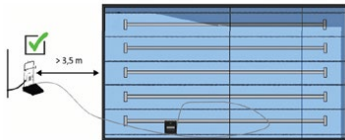
## 1 Remote Control or Bluetooth application



1. Press the arrow or to engage MANUAL mode..
2. Then direct the robot using corresponding to the desired orientation for the robot (see technical instructions).
3. A new press on the current direction and allows to pass from the normal speed to the fast speed
4. The key stops the robot without stopping the pump at a specific point in the pool to be cleaned
5. Press the key to stop the robot.
6. The button is used to start the robot in automatic mode, immediate departure for a floor cleaning cycle
7. The button is used to trigger the automatic mode, immediate start for a floor and wall cleaning cycle.
8. The LED indicates the battery level of the remote control. Without LED flash, change the batteries.

**NB: The SPOT logo and the stainless steel or flexible handle correspond to the front of the robot.**

## 2 Put in the water



1. Position the trolley (depending on the model) and its electrical cabinet more than 3.50 m from the pool.
2. Connect the self-floating cable from the vacuum cleaner to the control box using the square plug, taking into account the orientation (keying).
3. Connect the power cord to a 230V socket equipped with a differential.
4. Unroll the self-floating cable over the entire length of the pool, avoid knots
5. Take the robot by holding it by the handle and immerse it in the basin
6. Wait until the robot is flat on the bottom of the pool, during this time, 10 seconds, the system initializes (you will see the LEDs of the 3 start buttons flashing)

## 3 Commissioning



When the LEDs are off, after initialization, you can choose the cleaning mode you want by pressing the button concerned.

Mode auto : Floor cleaning	Mode auto + : wall and floor cleaning	Self-timer: 3 hour delay before departure in ground mode

- the cleaning start diode begins to flash and indicates the progress of the program up to 100% in increments of 25%
- the diode of the chosen program lights up steadily
- **pressing again stops the device**

## 4 Decommissioning



1. Using the self-floating cable, pull the robot cleaner towards the edge of the pool.
2. Use the handle to pull the robot cleaner out of the pool. **Please use the cable to pull the robot to the surface, then use the handle.**
3. Once the SPOT is out of the pool, press the button on the remote control or or on the control box.
4. Unplug the power plug.
5. Wind the cable, avoiding knots on the trolley reel, starting on the robot side.
6. Clean the robot filters after each use and a small jet of water all over the robot.