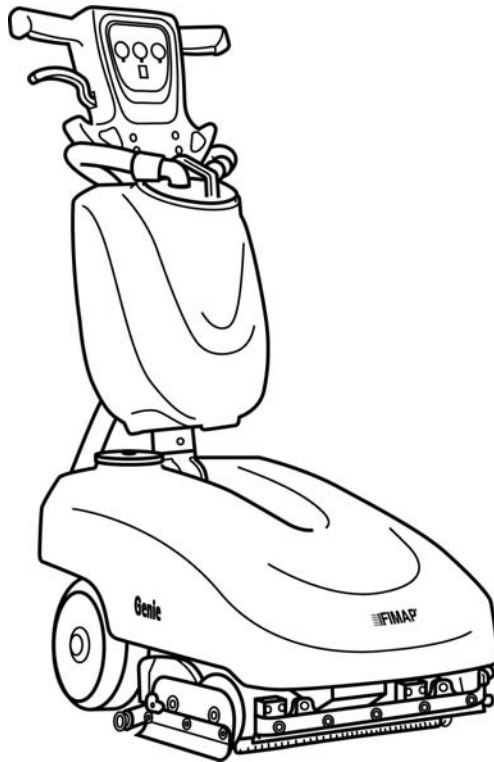


# USE AND MAINTENANCE MANUAL



GENIE BS

ED. 09-2019

EN

ORIGINAL  
INSTRUCTIONS  
Doc. 10020845  
Ver. AD



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The descriptions contained in this document are not binding.  
The company therefore reserves the right to make any modifications at any time to elements, details, or accessory supply, as considered necessary for reasons of improvement or manufacturing/commercial requirements.  
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The company reserves the right to make any technical and/or supply modifications.  
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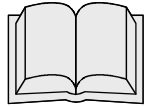
### Symbols used in the manual

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Open book symbol with an "i"  
Indicates the need to consult the instruction manual

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Open book symbol  
Used to tell the operator to read the manual before using the machine

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Warning symbol  
Carefully read the sections marked with this symbol and observe the indications, for the safety of the operator and the machine

---



Warning symbol  
Indicates danger of gas exhalation and leakage of corrosive liquids

---



Warning symbol  
Danger of fire: keep naked flames at a safe distance

---



Disposal symbol  
Carefully read the sections marked with this symbol, for machine disposal

## CONTENTS

ON CONSIGNMENT OF THE MACHINE .....	4
SERIAL NUMBER PLATE .....	4
INTRODUCTORY COMMENT .....	4
INTENDED USE.....	4
TECHNICAL DESCRIPTION .....	ERRORE. IL SEGNALIBRO NON È DEFINITO.
SYMBOLS USED ON THE MACHINE .....	6
GENERAL SAFETY REGULATIONS .....	7
MACHINE PREPARATION .....	8
1. HANDLING THE PACKED MACHINE .....	8
2. HOW TO UNPACK THE MACHINE.....	8
3. HANDLING AND TRANSPORTATION OF THE UNPACKAGED MACHINE.....	8
4. BATTERY TYPE.....	9
5. BATTERY MAINTENANCE AND DISPOSAL.....	9
6. INSERTING/CONNECTING THE BATTERIES.....	9
7. CONNECTING THE CONNECTOR.....	10
8. RECHARGING THE BATTERIES .....	11
9. BATTERY INDICATOR .....	12
10. INSTRUMENT PANEL COMPONENTS .....	12
11. ASSEMBLING THE BRUSHES .....	12
12. FIXING THE HANDLEBARS.....	13
13. SOLUTION TANK .....	13
14. DETERGENT SOLUTION .....	13
15. RECOVERY TANK.....	14
WORK .....	15
1.PREPARING TO WORK .....	15
2.OVERFLOW DEVICE.....	16
3.FORWARD MOVEMENTS .....	16
AT THE END OF THE WORK.....	17
DAILY MAINTENANCE.....	18
1. CLEANING THE RECOVERY TANK .....	18
2.CLEANING THE FRONT AND REAR SQUEEGEES.....	18
3.CLEANING THE DEBRIS HOPPER.....	18
1.DISASSEMBLING THE BRUSH.....	19
WEEKLY MAINTENANCE .....	20
1.REPLACING THE REAR SQUEEGEE RUBBERS .....	20
2.REPLACING THE FRONT SQUEEGEE RUBBERS.....	20
3.CLEANING THE SQUEEGEE TUBE.....	21
4.CLEANING THE SOLUTION TANK AND FILTER .....	21
TROUBLESHOOTING .....	22
1.ELECTRICAL SYSTEM SAFETY .....	22
2.INSUFFICIENT WATER ON THE BRUSHES.....	22
3.THE MACHINE DOES NOT CLEAN WELL.....	22
4.THE SQUEEGEE DOES NOT DRY PERFECTLY .....	22
5.EXCESSIVE FOAM PRODUCTION .....	22
CHOOSING AND USING THE BRUSHES .....	23
MACHINE DISPOSAL .....	24
EC DECLARATION OF CONFORMITY.....	25

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**On consignment of the machine**

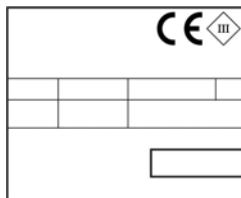
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When the machine is consigned to the customer, an immediate check must be performed to ensure all the material mentioned in the shipping documents has been received, and also to check the machine has not suffered damage during transportation. If this is the case, the carrier must ascertain the extent of the damage at once, informing our customer service office. It is only by prompt action of this type that the missing material can be obtained, and compensation for damage successfully claimed.

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**Serial number plate**

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**Introductory comment**

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GENIE BS is a scrubbing machine which / by means of the mechanical action of the cylindrical brushes and the chemical action of a water-detergent solution - can clean any type of floor. In addition, as it moves forward it picks up removed dirt and the detergent solution not absorbed by the floor.

**The machine must only be used for this purpose.** Even the best machines will only work well if used correctly and kept in good working order. We therefore recommend you read this instruction booklet carefully, and consult it whenever difficulties arise while using the machine. If necessary, remember that our customer assistance service (organised in collaboration with our dealers) is always available for advice or direct intervention.



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**Intended use**

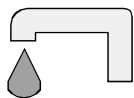
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The floor scrubbing machine is designed for the professional cleaning of surfaces and floors in industrial, commercial and public environments only. It is only suitable for use in closed (or at least covered) places.

The machine is not suitable for use in the rain, or under water jets. IT IS FORBIDDEN to use the machine in environments with an explosive atmosphere to clean dangerous powders or flammable liquids. In addition, it is not suitable as a means of transport for people or objects.

TECHNICAL DESCRIPTION	UM	Genie BS
Nominal input power [IEC 60335-2-72; IEC 62885-9]	kW	0,61
Working width	mm	335
Width of rear squeegee	mm	530
Working capacity	m <sup>2</sup> /h	1240
Brushes (diameter / length)	∅ mm	∅ 110 / 335 - 330
Brush rpm	rpm	450
Force exerted on brush	N	129
Brush motor	V/W	12 / 360
Forward speed type		semi-aut.
Maximum gradient		2%
Suction motor	V/W	12 / 250
Maximum vacuum [IEC 62885-9; IEC 60312-1]	kPa	6,6
Solution tank	l	10
Recovery tank	l	10
Battery compartment dimensions (Length / Height / Width)	mm	275x210x175
Machine dimensions (Length / Height / Width)	mm	720x1105x540
Dimensions of the machine when folded (Length/ Height/ Width)	mm	930x450x540
Recommended battery (12 AGM 62)	V / AhC <sub>5</sub>	12 / 62
Recommended battery weight	kg	24
Machine weight when empty	kg	44
Transported machine weight	kg	68
Weight of the machine when ready for use (GVW)	kg	78
Sound pressure level in operator seat [ISO 11201] (LpA)	dB	64,5
Uncertainty K <sub>pA</sub>	dB	1.4
Hand-arm vibrations [IEC 60335-2-72; IEC 62885-9; ISO 5349-1]	m/s <sup>2</sup>	1.3
Uncertainty		3,5%

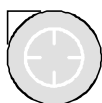
## SYMBOLS USED ON THE MACHINE



Tap symbol  
Used to indicate the solenoid valve switch



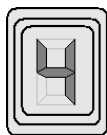
Brush symbol (BRUSHING VERSION)  
Used to indicate the brush motor switch



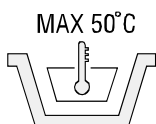
Symbol denoting vacuum motor  
Used to indicate the suction motor switch



Battery symbol



Battery charge level indicator



Indicates the maximum temperature of the detergent solution  
It is located near the solution tank filling hole



Indicates the maximum gradient

## GENERAL SAFETY REGULATIONS

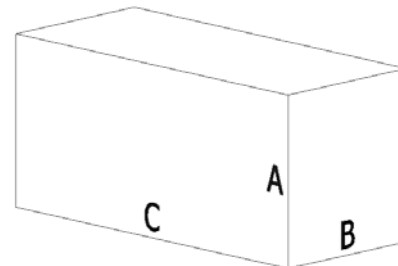
Before using the machine, please read the following document carefully and follow the instructions contained herein, along with the instructions in the document supplied with the machine itself, "GENERAL SAFETY REGULATIONS" (document code 10083659).

## MACHINE PREPARATION

### 1. HANDLING THE PACKED MACHINE

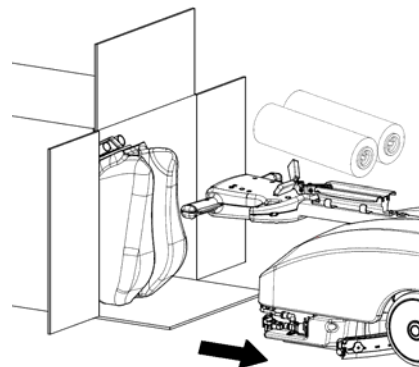
The machine is contained within specific packaging.  
 Each pallet is composed of four machines on two levels.  
 It is not possible to place more than two packages on top of each other.  
 The total weight is 70kg  
 The overall dimensions of the package are:

- A : 510mm
- B : 490mm
- C : 1020mm



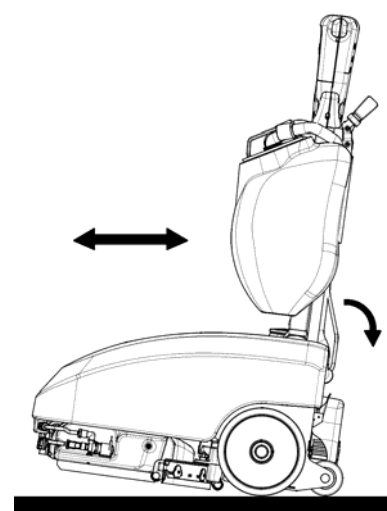
### 2. HOW TO UNPACK THE MACHINE

1. Open the packaging on the side indicated.
2. Extract the machine from its packaging.
3. Remove the brushes.
4. Remove the recovery tank.



### 3. HANDLING AND TRANSPORTATION OF THE UNPACKAGED MACHINE

Genie BS is a machine that can be managed in all situations and transported without effort, even in small vehicles.  
 Just lift the front part, using the machine handlebars as a lever. The big wheels and small rear wheels mean it can be towed anywhere and loaded on a truck by means of a simple ramp.  
 Genie BS is easy to transport even by car. The total flexibility of the handlebar enables this to be folded (see "Fixing the Handlebars"), and the machine can then be placed in the boot of the car with the assistance of a colleague.





## MACHINE PREPARATION

### 4. BATTERY TYPE

To power the machine it is necessary to use:

- sealed traction batteries with gas recombination or gel technology.

OTHER TYPES MUST NOT BE USED.

The batteries must meet the requirements laid out in the norms: CEI EN 60254-1:2005-12 (CEI 21-5) + CEI EN 60254-2:2008-06 (CEI 21-7)

Every battery consists of DIN-type elements connected in series and supplying 12 V power to the clamps. It is recommended to use batteries with an electrical capacity of 65 Ah (C5)

### 5. BATTERY MAINTENANCE AND DISPOSAL

For maintenance and recharging, respect the instructions provided by the battery manufacturer.

Particular attention must be paid when choosing the battery charger, if not supplied, since there are different kinds according to the type and capacity of the battery.

When the battery reaches the end of its working life, it must be disconnected by expert, trained personnel, then lifted (using the grips and suitable lifting devices) to remove it from the battery compartment. USED BATTERIES, WHICH ARE CLASSIFIED AS HAZARDOUS WASTE, MUST BE RETURNED TO AN AUTHORISED AUTHORITY, IN ACCORDANCE WITH THE LEGISLATION ON DISPOSAL OF THIS TYPE OF WASTE.



Proceed as follows when the battery is dead:

- Disconnect the quick connector and remove the solution tank.
- Open the battery compartment and disconnect the connector.

Remove the battery by using suitable devices, lifting it with the provided handles.



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



**ATTENTION:** you are advised to only lift and move the batteries with lifting and transportation means suitable for the specific weight and size

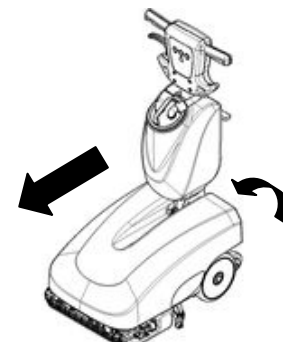
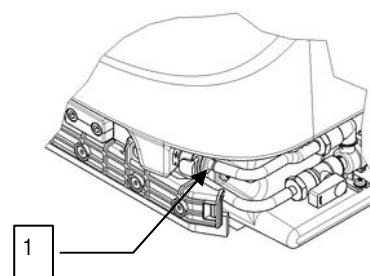
### 6. INSERTING/CONNECTING THE BATTERIES

The machine is supplied with a built-in battery charger and an airtight gel battery. If you use batteries other than those supplied with the machine, use only 12V AGM or Gel batteries and proceed as follows.

The batteries must be housed in the special compartment beneath the solution tank.

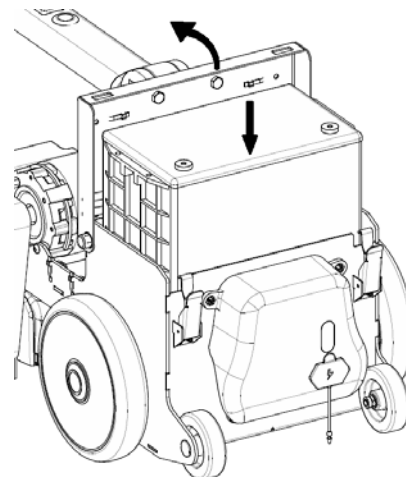
To insert the batteries you must:

- Disconnect the quick connector (1) at the front of the solution tank in order to avoid breakage of the connector itself
- Remove the solution tank and place it on the ground



## PREPARATION OF MACHINE

1. Open the two rear hinges that close the battery compartment
2. Rotate the handlebars by raising the handlebar movement lever (see "FIXING THE HANDLEBARS")
3. Position the battery in the compartment by using the relative handle
4. Connect the clamps of the cable supplied as follows:
  - red clamp on the positive pole (+) of the battery
  - black clamp on the negative pole (-) of the battery



ATTENTION: You are advised to use airtight batteries only, to avoid the leakage of acids!

ATTENTION: you are advised to have the electric connections made by a qualified, FIMAP-trained technician



ATTENTION: users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



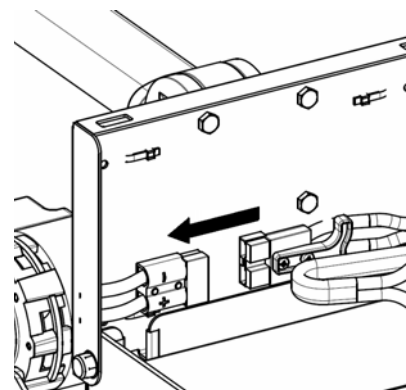
ATTENTION: you are advised to only lift and move the batteries with lifting and transportation means suitable for the specific weight and size

### 7. CONNECTING THE CONNECTOR

5. Connect the battery connector to the machine connector.
6. Reassemble all the elements



ATTENTION: This process must be carried out by qualified personnel. The incorrect or imperfect connection of the cables to the connector can seriously harm people and damage objects



## PREPARATION OF MACHINE

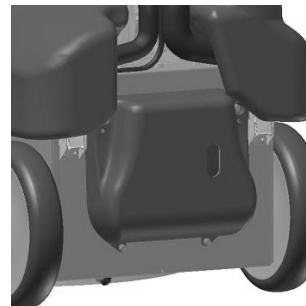
### 8. RECHARGING THE BATTERIES

Perform a battery charging cycle before using the machine.

When replacing the battery, be sure to use batteries that are suitable for the battery charger installed (use only 12V AGM or Gel batteries).

To charge the battery you must:

1. Make sure the recovery tank and the solution tank are empty
2. Move the machine near to the battery charger
  
3. Remove the battery charger connector socket protection on the back of the machine (1)
4. Plug the battery charger cable (supplied with the machine) into the freed socket
5. Plug the battery charger cable into the mains socket
6. For the correct use of the battery charger, follow the instructions in the enclosed booklet.



**ATTENTION:** If one of the three LEDs flashes refer to the battery charger manual supplied with the machine



**ATTENTION:** The machine is equipped with an automatic system that disconnects the power supply from the electrical system while the batteries are being recharged

**ATTENTION:** In order not to cause permanent damage to the batteries, it is essential to avoid their complete discharge: arrange the recharge within a few minutes of the switching on of the "discharged batteries" blinking light.

**ATTENTION:** Never leave the batteries completely flat, even if the machine is not being used.

**ATTENTION:** For the daily recharging of the batteries, you must fully respect the indications provided by the manufacturer or retailer. all installation and maintenance operations must be carried out by specialised personnel.

**ATTENTION:** Do not move the machine when the battery charger power supply cable is connected to the battery charger.



**ATTENTION:** Danger of gas exhalation and leakage of corrosive liquids.



**ATTENTION:** Danger of fire: Keep naked flames at a safe distance.

In the event that the charger is not built-in with the machine, carefully read the manual of the charger that is used to recharge.

## MACHINE PREPARATION

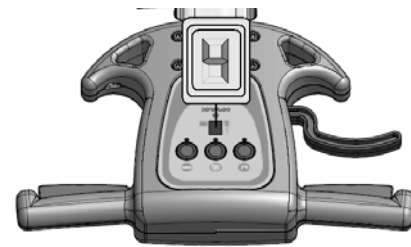
### 9. BATTERY INDICATOR

The battery indicator is digital, with 4 fixed positions and a flashing one. The numbers that appear on the display show the approximate charge level.

4 = maximum charge, 3 = 3/4 charge, 2 = 2/4 charge, 1 = 1/4 charge, 0 = batteries run down (flashing)



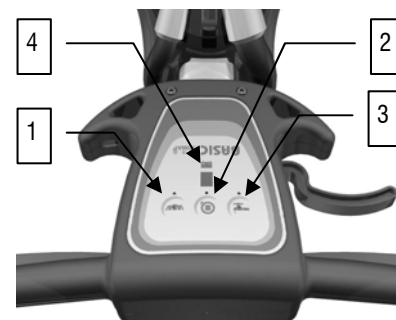
**ATTENTION:** A few seconds after the appearance of the flashing "0", the brush motor switches off automatically. With the remaining charge it is still possible, however, to complete the drying process before recharging



### 10. INSTRUMENT PANEL COMPONENTS

The instrument panel components are identified as follows:

1. Main switch (1)
2. Suction switch (2)
3. Solenoid valve switch (3)
4. Digital battery level indicator (4)



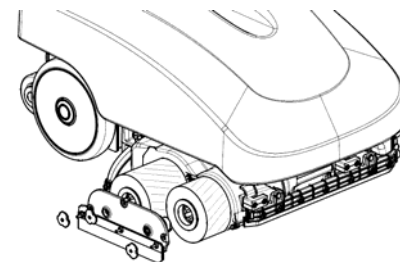
### 11. ASSEMBLING THE BRUSHES

The brushes are supplied loose in order to prevent the bristles from being crushed inside the packaging. To assemble them, proceed as follows:

1. loosen the three wing nuts fixing the side cover of the tunnel
2. remove the side cover
3. insert the light blue brush at the rear, with the five grooves facing inwards
4. insert the white brush at the front, with the five grooves facing inwards
5. re-assemble the side cover, being sure to insert the hub pins correctly in the brush grooves. If this proves difficult, rotate the brush manually until the pins are in line with the grooves
6. fasten the cover by tightening the three wing nuts



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



Take care not to mix up the brushes, the blue brush should always be placed in the rear idle hub.

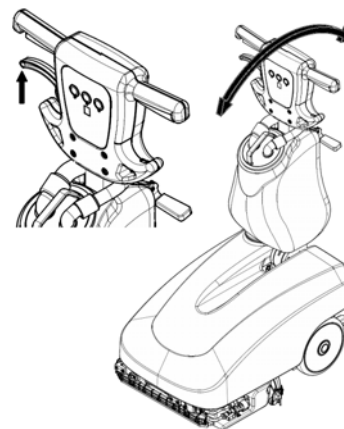
Take care how the brushes are mounted, the assembly is correct if the direction of the bristles form an X looking from above.

## PREPARATION OF MACHINE

### 12. FIXING THE HANDLEBARS

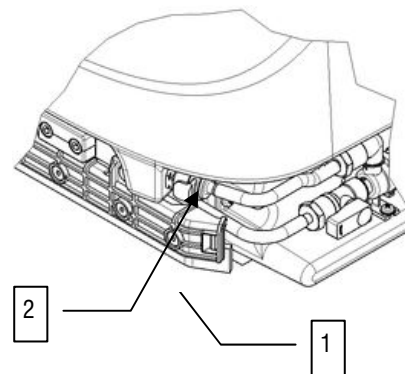
For packaging purposes the handlebars are supplied folded; they must now be put in the working position. Proceed as follows:

1. raise the handlebars by pulling the lever - indicated by the arrow - upwards
2. place the machine in the working position
3. attach the recovery tank to the handlebars tube by means of the two hooks
4. insert the tubes in the connectors that emerge from the recovery tank nut



### 13. SOLUTION TANK

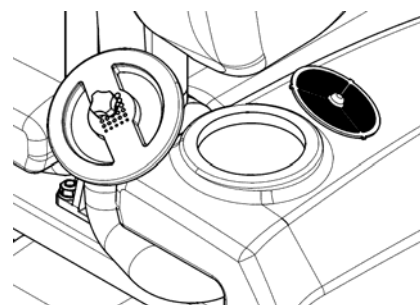
The recovery tank must be completely empty each time the solution tank is filled. Verify that the cap is correctly inserted in its housing (1). Verify that the quick connection is correctly connected (2).



### 14. DETERGENT SOLUTION

Proceed as follows each time the solution tank is filled:

1. Make sure that the recovery tank is empty
  2. Make sure that the main switch is off
  3. Remove the inlet cap located on the right rear side of the machine.
  4. Fill it with clean water at a temperature not exceeding 50°C.
- Add the liquid detergent to the tank in the concentration and manner indicated on the detergent manufacturer's label. The formation of excess foam could damage the vacuum motor, so use only the minimum amount of detergent that is necessary.



**ATTENTION:** Acid or alkaline maintenance products with pH values of between 4 and 10 may be used as detergents, provided they do not contain: oxidising agents, chlorine or bromine, formaldehyde, mineral solvents.



**ATTENTION:** Always use detergents whose manufacturer's label indicates their suitability for scrubbing machines. Do not use acid or alkaline products or solvents without this indication. always use low-foam detergent. To avoid the production of foam, put a minimum quantity of antifoam liquid in the recovery tank before starting to clean. Do not use pure acids.

## PREPARATION OF MACHINE



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.

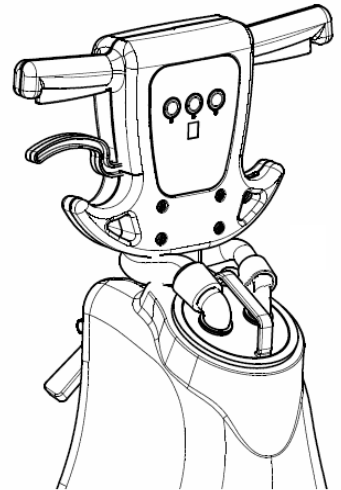
### 15. RECOVERY TANK

Verify that the recovery tank is empty

Verify that the recovery tank is correctly inserted in its housing, and that the tubes are correctly inserted in the tank elbows.

Verify that the cap is correctly closed.

Verify that the recovery tank is empty

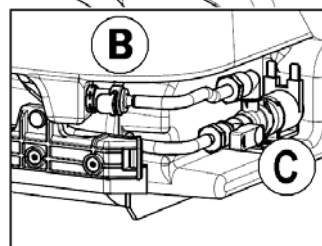
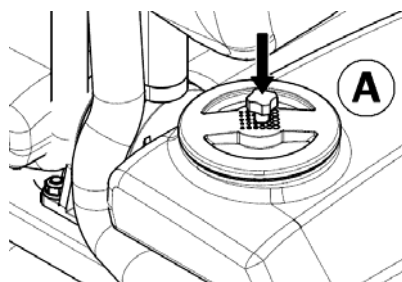
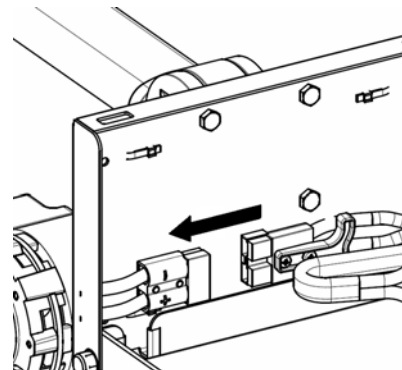


## WORK

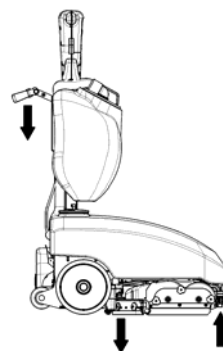
### 1. PREPARING TO WORK

Before fitting the tanks, it is necessary to carry out certain operations:

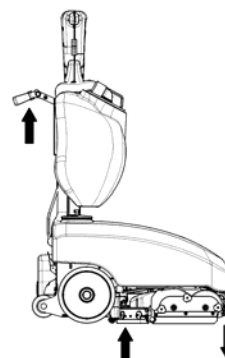
5. Open the two rear hinges of the battery compartment
6. Connect the connector to the batteries
7. Close the battery compartment
  
8. Position the recovery tank on the handlebars, and connect the two tubes
9. Position the solution tank and apply the quick connection (B)
10. Adjust the quantity of water required by means of the tap lever (C)
11. Lower the vent pin on the solution tank cap (A)



12. Carry out the operations to prepare the machine
13. **WASHING AND DRYING FUNCTION:** lower both squeegee command levers. In this way, the front squeegee rises up and the rear one lowers, drying the newly washed part of the floor.

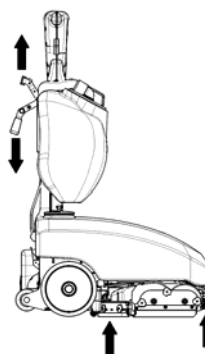


14. **WATER SUCTION FUNCTION:** raise both command levers and pull the machine towards you. In this way, the rear squeegee is raised and the front squeegee is lowered, drawing out the water (for cleaning under tables, desks, shelves, etc.)



## WORK

15. **PRE-WASHING FUNCTION:** adjust the latch on the levers in order to make them independent of each other. Raise the left-hand lever so the rear squeegee rises up. Lower the right-hand lever so the front squeegee rises up. In this way, only the brushes are in action, and a pre-wash is carried out on the floor. Alternatively, by shutting off the water, the machine can be used exclusively to collect dirt.



16. press the main switch (1) and verify that the green indicator light comes on  
 17. press the suction switch (2)  
 18. press the solenoid valve switch (3)  
 At this point the machine can operate at full efficiency until all the detergent solution runs out, or until the batteries run flat, by means of the operating lever that drives the brushes (4)

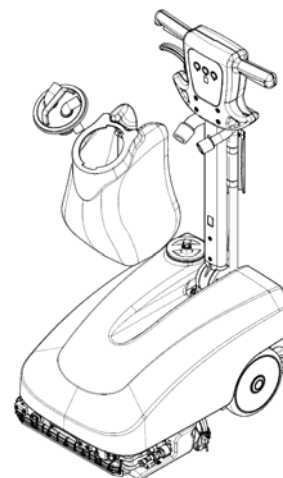


### 2. OVERFLOW DEVICE

The machine is fitted with a ball filter which is activated when the recovery tank is full, causing the suction tube to close. In this case, it is necessary to switch off the machine and empty the recovery tank.



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



### 3. FORWARD MOVEMENTS

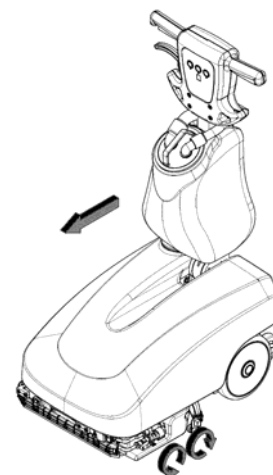
The traction of these machines is obtained by means of the front brush of the base which, by working at a slight inclination, is able to drag the machine forwards.



**ATTENTION:** When making even brief reverse movements, verify that the rear squeegee is raised.



**ATTENTION:** When making even brief forward movements, check the front squeegee is raised.

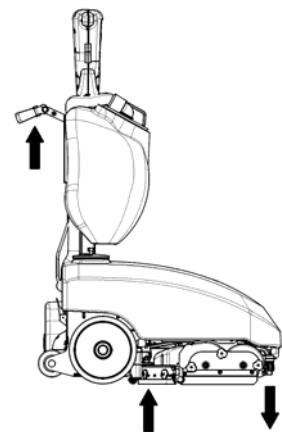




## AT THE END OF THE WORK

At the end of the work, and before carrying out any type of maintenance, perform the following operations:

1. Turn off the solenoid valve switch (3)
2. Raise the rear squeegee and lower the front one by raising the command levers
3. Turn off the suction switch (2)
4. Turn off the brush / main switch (1)



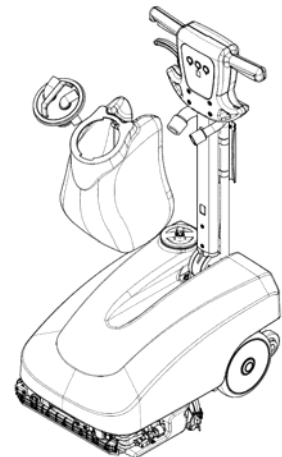
5. Take the machine to the location designated for draining the water.
6. Remove the recovery tank, then remove the bayonet cap and tilt the tank to empty it



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



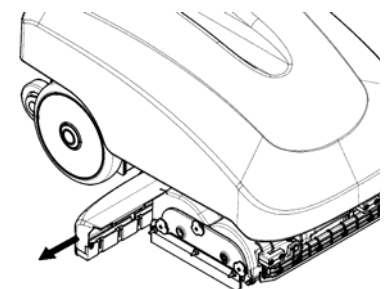
**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected



7. Take out the debris hopper and clean it carefully



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



8. The action of lowering the front squeegee (lever up) also serves the purpose of raising the brushing unit at the end of the work in order to prevent the brushes becoming deformed.

## DAILY MAINTENANCE

PERFORM ALL MAINTENANCE OPERATIONS IN SEQUENCE

### 1. CLEANING THE RECOVERY TANK

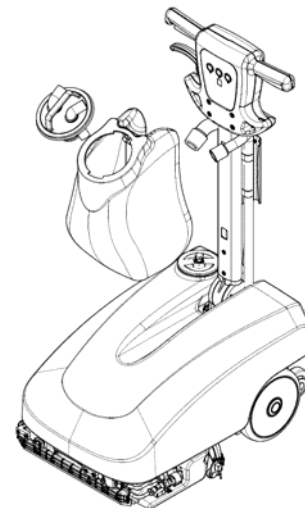
1. Remove the tubes attached to the connectors of the recovery tank cap
2. Remove the cap and empty the tank
3. Clean the filter under running water.
4. Rinse the tank and clean with a jet of water



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected



### 2. CLEANING THE FRONT AND REAR SQUEEGEES

Check the rubbers of the front and rear squeegees are always clean, for good drying results.

To clean them you must:

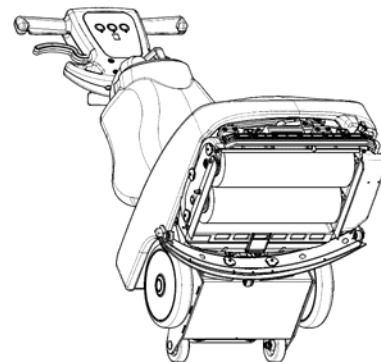
1. raise the machine
2. Carefully clean inside the rear squeegee
3. Carefully clean the rubbers of the rear squeegee
4. Carefully clean inside the front squeegee
5. Carefully clean the rubbers of the front squeegee



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected



### 3. CLEANING THE DEBRIS HOPPER

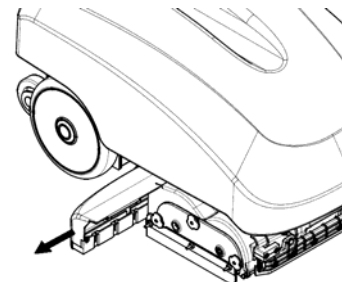
1. Rotate the squeegee to the right
2. Take the debris hopper out of its seat
3. Clean the hopper carefully



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected



## DAILY MAINTENANCE

### 1. DISASSEMBLING THE BRUSH

To clean the brushes correctly and effectively, proceed as follows:

1. the action of lowering the front squeegee (lever up) also serves to raise the brushing unit
2. loosen the three wing nuts fixing the side cover of the tunnel
3. remove the side cover
4. remove the two brushes
5. clean the brushes under a jet of running water; if the brushes are worn, replace them
6. re-assemble the light blue brush at the rear, with the five grooves facing inwards
7. re-assemble the white brush at the front, with the five grooves facing inwards
8. re-assemble the side cover, being sure to insert the hub pins correctly in the brush grooves. If this proves difficult, rotate the brush manually until the pins are in line with the grooves
9. fasten the cover by tightening the three wing nuts

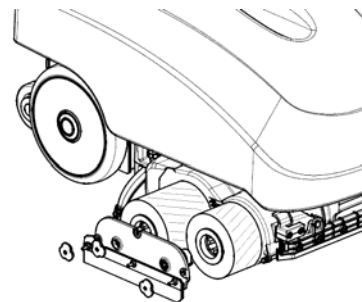
Check the state of wear and tear of the cylindrical brushes and, if necessary, replace them. The brushes should be changed when the bristles are about 10mm long.



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected



## WEEKLY MAINTENANCE

### 1. REPLACING THE REAR SQUEEGEE RUBBERS

Check the state of wear and tear of the rear squeegee rubbers  
The rubbers should be considered worn when their profile is no longer linear (when cuts or wear can be seen on the edge). In this case, replace them.

To replace it you must:

1. Raise the rear squeegee
2. Remove the two knobs
3. dis-assemble the squeegee from its support
4. remove the tube from the squeegee nozzle so that the squeegee can be removed



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.

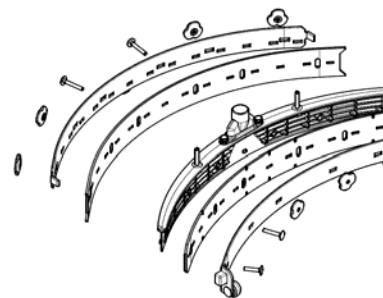
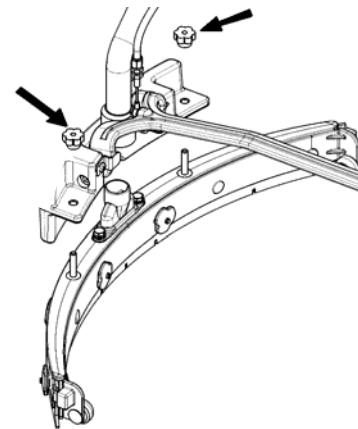


**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected

5. Unscrew the knobs on the squeegee that block the rubber-pressing blades and remove them
6. Remove the rubber-pressing blades
7. Turn the rubbers upside down, or replace them
8. Reassemble everything, carrying out the above-mentioned operations in the reverse order.



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



### 2. REPLACING THE FRONT SQUEEGEE RUBBERS

Check the state of wear and tear of the front squeegee rubber  
The rubber should be considered worn when its profile is no longer linear (when cuts or wear can be seen on the edge). In this case, replace it.

To replace it you must:

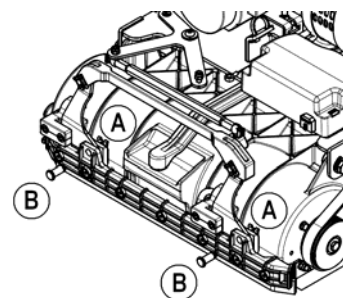
1. Raise the front squeegee
2. Remove the two springs (A) and unthread the two fixing pins (B)
3. Dis-assemble the squeegee from the supports
4. remove the tube from the squeegee nozzle so that the squeegee can be removed



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected

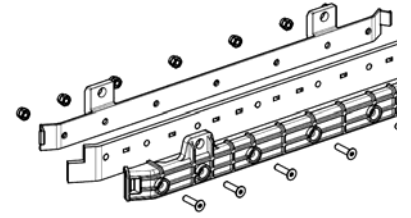


## WEEKLY MAINTENANCE

5. Loosen the screws on the squeegee that blocks (with nuts) the rubber-pressing blade
6. Remove the rubber-pressing blade
7. Replace the rubber
8. Reassemble everything, carrying out the above-mentioned operations in the reverse order.



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



### 3. CLEANING THE SQUEEGEE TUBE

Periodically, or whenever suction seems to be unsatisfactory, verify that the squeegee tube is not obstructed. To clean it, proceed as follows:

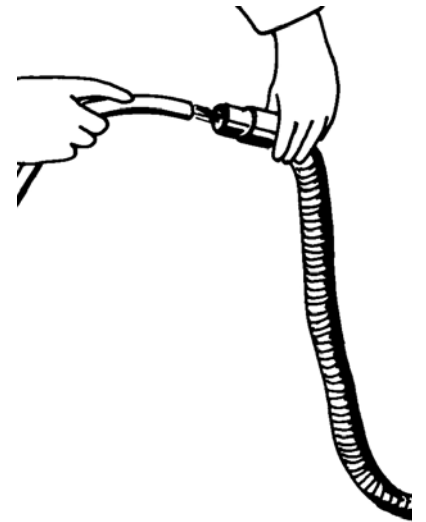
1. remove the tube from the sleeve on the squeegee
2. remove the other end from the recovery tank
3. wash the inside of the tube with a water jet introduced from the side where it is connected to the tank
4. Re-assemble the tube



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected



### 4. CLEANING THE SOLUTION TANK AND FILTER

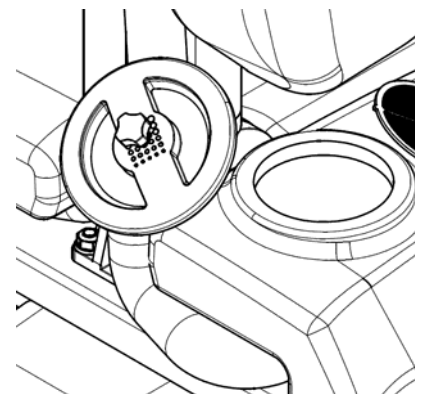
1. Loosen the solution tank cap
2. Remove the filter and clean it.
3. Reassemble the filter and cap.



**ATTENTION:** users are advised to always wear protective gloves, to avoid the risk of serious injury to hands.



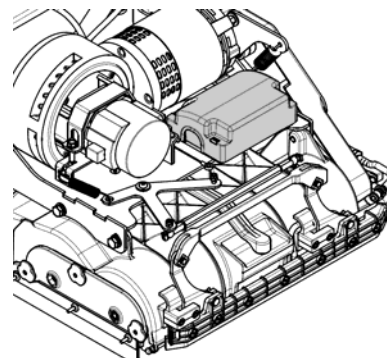
**ATTENTION:** this operation must be carried out with the machine switched off and the battery connector disconnected



## TROUBLESHOOTING

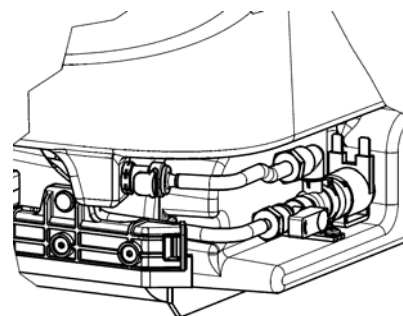
### 1. ELECTRICAL SYSTEM SAFETY

The machine is fitted with self-restoring safety fuses located in the electric system \*beneath the solution tank) that interrupt the power supply to the brush and suction motors when the machine exceeds the predetermined load. To restore the power supply to the motor, switch off the machine and wait for the fuses to cool down (about 40 seconds). If the switch disconnects the current again, contact the **FIMAP** technical assistance centre.



### 2. INSUFFICIENT WATER ON THE BRUSHES

1. Verify that the solution tank filter is clean
2. Verify that the solenoid valve switch is on
3. Verify that the quick connection is correctly inserted
4. Verify that the regulation lever on the water outlet tap
5. Verify that the vent pin on the solution tank cap is lowered.

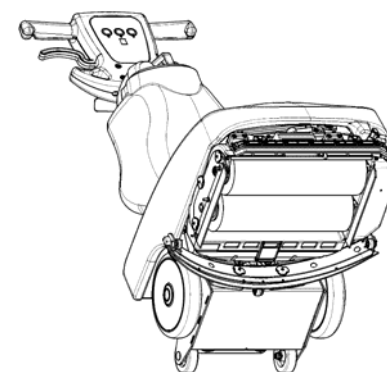


### 3. THE MACHINE DOES NOT CLEAN WELL

1. Check the state of wear and tear of the brushes and, if necessary, replace them. The brushes should be changed when the bristles are about 10mm long.

### 4. THE SQUEEGEE DOES NOT DRY PERFECTLY

1. Verify that the squeegee rubbers are clean.
2. Check the suction tubes are correctly inserted in their housing on the squeegee.
3. Verify that the distributor is clean.
4. Replace the rubbers, if worn



### 5. EXCESSIVE FOAM PRODUCTION

Check that a low foam detergent has been used. If necessary, add a small quantity of anti-foam liquid to the recovery tank.

Remember that, when the floor is not very dirty, more foam is generated. In this case the detergent solution should be more diluted.

## CHOOSING AND USING THE BRUSHES

### POLYPROPYLENE BRUSH (PPL)

Used on all types of floors. Good resistance to wear and tear, and hot water (no greater than 60°C.). PPL is non-hygroscopic and therefore retains its characteristics even when working in wet conditions.

The brushes supplied with the machine are the following:

- WHITE CYLINDRICAL BRUSH, PPL 0.5
- LIGHT BLUE CYLINDRICAL BRUSH, PPL 0.3

## MACHINE DISPOSAL

Proceed with scrapping the machine in accordance with the waste disposal regulations in force in the country in which the machine is being used.





## EC DECLARATION OF CONFORMITY

**FIMAP S.p.A.**

Via Invalidi del Lavoro, 1

37059 Santa Maria di Zevio (VR)

declares under its sole responsibility that the products

**FLOOR SCRUBBING MACHINES**

**mod. Genie Bs CB**

comply with the provisions of Directives:

2006/42/EC: Machinery Directive.

2014/35/EC: Low Voltage Directive.

2014/30/EC: Electromagnetic compatibility directive.

They also comply with the following standards:

EN 60335-1:2012/A11:2014

EN 60335-2-72:2012

EN 12100:2010

EN 60335-2-29:2004/A2:2010

EN 61000-6-2:2005/AC:2005

EN 61000-6-3:2007/A1:2011/AC:2012

EN 61000-3-2:2014

EN 61000-3-3:2013

EN 55014-1:2006/A1:2009/A2:2011

EN 55014-2:2015

EN 62233:2008/AC:2008

The person authorized to compile the technical file:

Mr. Giancarlo Ruffo

Via Invalidi del Lavoro, 1

37059 Santa Maria di Zevio (VR) - ITALY

Santa Maria di Zevio (VR), 16/09/2019

Fimap S.p.A.  
Legal representative  
Giancarlo Ruffo



The undersigned manufacturer:  
**FIMAP S.p.A.**  
Via Invalidi del Lavoro, 1  
37059 Santa Maria di Zevio (VR)  
declares under its sole responsibility that the products

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EN 61000-6-3:2007/A1:2011/AC:2012  
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The person authorized to compile the technical file:

Mr. Giancarlo Ruffo  
Via Invalidi del Lavoro, 1  
37059 Santa Maria di Zevio (VR) - ITALY

Santa Maria di Zevio (VR), 16/09/2019

Fimap S.p.A.  
Legal representative

A handwritten signature in black ink, appearing to be the name of the legal representative.

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