



**SWIMMING POOL LIFT  
TO TRANSFER DISABLED PERSONS**

DEVICE

***i-Swim***

MODEL



ORIGINAL INSTRUCTIONS

**02**

REVISION

**01/2017**

YEAR





# INDICE

SVOLGIBOBINA

MACCHINA

FCSB100A

MODELLO

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# GENERAL WARNINGS

1

Swimming Pool Lift

DEVICE

i-swim

MODEL

## 1.1 MANUFACTURER IDENTIFICATION



### AUTOLIFT SRL

Via Ferri 3 – 46020 Pegognaga (MN) - Italy

Tel. +39 0376 550375 - [info@autoliftsrl.com](mailto:info@autoliftsrl.com)

## 1.2 MARKING

The lifting device is manufactured in accordance with the relevant Community Directives applied at the time of placing on the market the same. Being covered by the definition of "medical device" as Article 2, paragraph 1), letter a), first subparagraph of Directive 2007/47/EC, it is affixed the relevant identification plate which, in addition to the specific technical data, includes the CE marking, warranty of the correspondence of the item with the directives / standards mentioned in the attached Declaration of Conformity.




TYPE	SWIMMING POOL LIFT TO TRANSFER DISABLED PERSONS
MODEL	i-swim
SERIES	
MANUFACTURE	Month - Year
MAXIMUM LOAD	136 kg
VOLTAGE	24 V dc
IP PROTECTION	IP44

AUTOLIFT SRL Via Ferri 3 - 46020 Pegognaga (MN) Italy tel. +39 0376 550375 - info@autoliftsrl.com



**IT IS FORBIDDEN TO REMOVE OR CHANGE THE IDENTIFICATION PLATE.**



# GENERAL WARNINGS

1

Swimming Pool Lift

DEVICE

i-swim

MODEL

## 1.3 DECLARATION OF CONFORMITY

A copy of this Declaration of Conformity is attached to the lift, signed and filled with the specific data.

### CE DECLARATION OF CONFORMITY

Original according to Directive 2007/47/CE – Annex VII

The undersigned Manufacturer:

#### AUTOLIFT SRL

Via Ferri 3 – 46020 Pegognaga (MN) - Italy

Tel. +39 0376 550375 – [info@autoliftsrl.com](mailto:info@autoliftsrl.com)

Declares under its own responsibility that the medical device:

2 NAME.....**SWIMMING POOL LIFT TO TRANSFER DISABLED PERSONS**

MODEL .....**i-swim**

SERIES.....

CLASSIFICATION .....**Class 1**

YEAR OF CONSTRUCTION.....

It complies with the provisions of the following Community Regulations:

**2007 / 47 / CE** Directive concerning medical devices

**2004 / 108 / CE** Electromagnetic Compatibility Directive

The following harmonized standards have been applied:

**UNI EN ISO 10535:2007** Swimming pool lift to transfer disabled persons - Requirements and test methods

**UNI CEI EN ISO 14971:2012** Medical devices - Application of risk management to medical devices

Pegognaga, (date)\_\_\_\_\_

Legal Representative

\_\_\_\_\_  
Gabriele Ovi

## 1.4 IDENTIFICATION OF AUTHORIZED PERSONNEL

The user of the lift is the natural or legal person who buys it and it does employ an operator to work with it.

The operator can be distinguished in two main figures that, in some cases, can be identified in a single person:

- a) The operator driving the lift, also known as **assistant**, has the following tasks:
  - Prepare the lift to be used
  - Prepare the person to be lifted
  - Start and control the operation of the lift
  - Carry out simple adjustment operations
  - Charge the batteries
  - Clean the machine
- b) The operator for the maintenance of the lift is a qualified technician, able to operate on the lift in conditions of open protections and able to operate on mechanical and electrical parts in order to carry out adjustments, maintenance and repairs.



The user is responsible for the circulation of this document to the whole staff who will interact with the lift.



In addition to the duty to follow the instructions given in this manual, the operators have the obligation not to use the lift and report to their managers in charge or, in the absence of these, directly to the manufacturer AUTOLIFT srl, any deficiency or potentially hazardous situation which should occur.

## 1.5 STRUCTURE AND USE OF THE MANUAL



**USERS AND OPERATOR SHOULD HAVE READ IN ADVANCE THIS MANUAL BEFORE OPERATING WITH THE COMMISSIONING OF THE LIFT.**

This manual is intended to provide the user, and then the operators, all the information necessary to ensure that, in addition to an adequate use of the lift, are able to operate the same as autonomously and safely as possible.

Before carrying out any operation on the lift, users and operators should carefully read the instructions contained in this publication.

In case of doubts about the correct interpretation of the instructions, contact directly the Technical Department of AUTOLIFT srl to get the necessary clarifications.

This manual is an integral part of the lift and it must be kept with the utmost care by the purchaser which must always make it easily usable by operators.

The content of this manual is in compliance with Directive 2007/47/EC and has been edited in accordance with the guidelines of the UNI 10893:2000 regulations. There are also the requirements of UNI EN ISO 10535:2007 regulations.

This manual consists of 40 pages, including the cover, and equipped with attachments (see par.1.6).

Data and drawings are provided as example, the manufacturer, to pursue a policy of constant development and updating of the product, can make changes without prior notice.

It is forbidden for anyone to disclose, modify or use for their own purposes this manual.

In the preparation of this manual it has been decided to use few attention pictograms / signs in order to make it easier and of immediate consultation.



**THE INDICATIONS MARKED WITH THIS SYMBOL REPRESENT A SITUATION OF POTENTIAL DANGER WITH POSSIBILITY OF INJURY FOR THE USERS.**



**THE INDICATIONS MARKED BY THIS SYMBOL HAVE TO BE CONSIDERED PARTICULARLY IMPORTANT FOR THE OPERATION OF THE LIFT .**



**THE INDICATIONS MARKED WITH THIS SYMBOL ARE RELEVANT TO THE COMMUNICATION BETWEEN THE MANUFACTURER AND THE USER.**

Some indications of particular importance, in addition to the symbol, are highlighted with a black background.

## 1.6 LIST OF ENCLOSURES

- Application Form for spare parts
- Register of periodical inspections
- Declaration of conformity
- Operation and maintenance manual of the battery charger

## 1.7 SAFETY – GENERAL RULES



**OPERATORS SHOULD READ THIS INSTRUCTION  
BEFORE USING THE LIFT .**



The staff involved in the operation must be in perfect physical and psychological conditions.



Do not approach and do not put hands near moving parts.



Pay attention to the signs affixed on the lift.



Do not delete, remove, or modify the existing security systems.



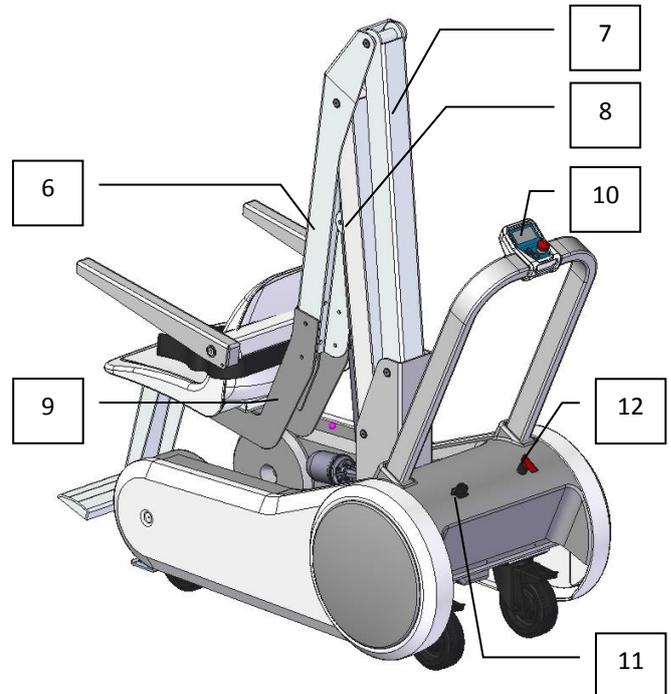
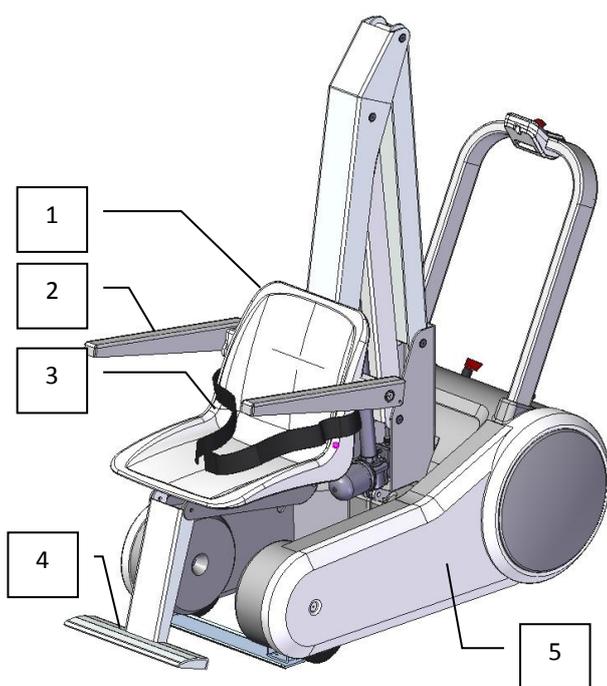
Before carrying out any intervention, disconnect the electric current power supply using the appropriate general switch and press the emergency stop button and lock it with its proper key. It will be then necessary to display a sign indicating that the lift is in maintenance mode.



All standard and special maintenance interventions must be carried out by qualified and skilled technical personnel (see chap. 1.4).

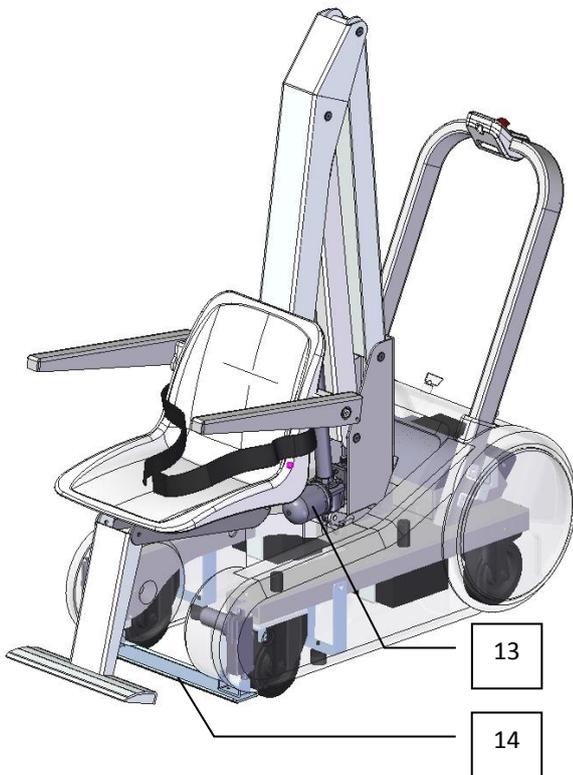
## 2.1 PART DRAWINGS AND DIMENSIONS

### 2.1.1 PART DRAWINGS

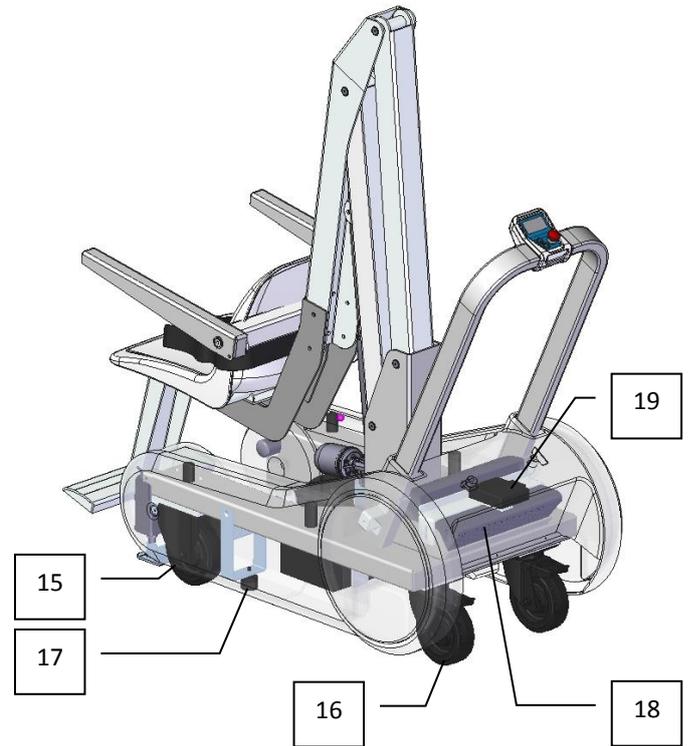


- 10 1. Seat
- 11 2. Armrest
- 3. Safety belt
- 4. Footrest
- 5. Carter

- 6. Column
- 7. Upper arm
- 8. Lower arm
- 9. Seat support
- 10. Control Panel
- 11. Socket for battery charger
- 12. Battery switch



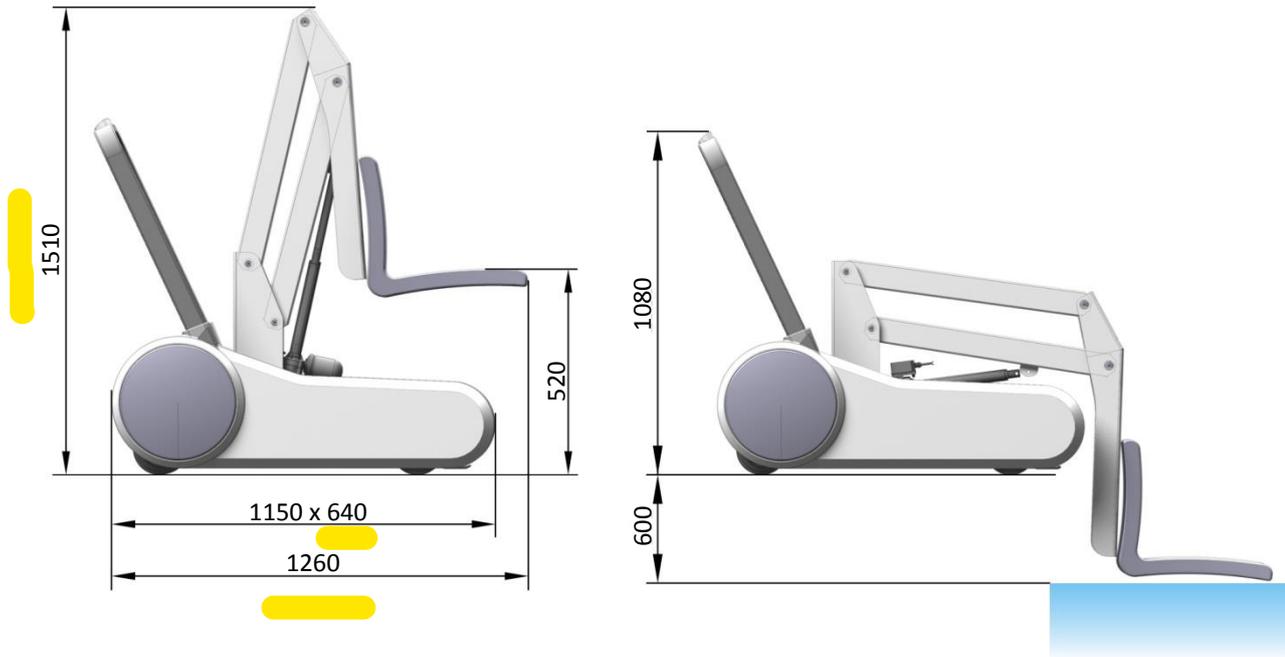
13. Motor  
14. Pusher



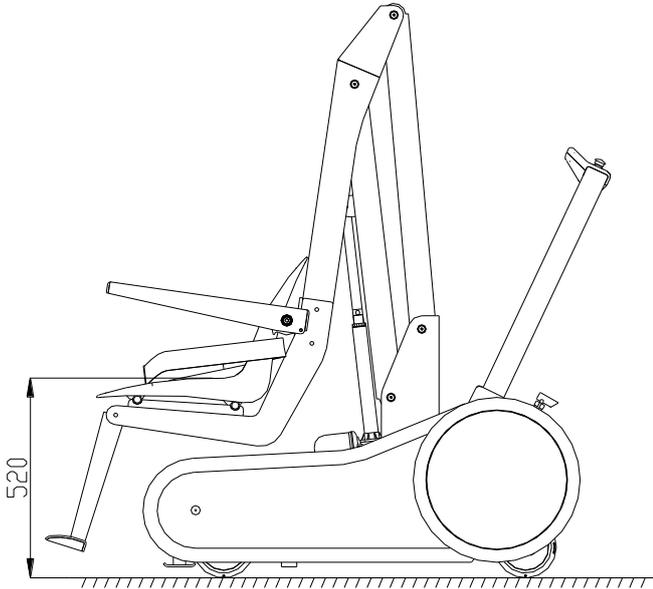
15. Front wheel  
16. Orientable rear wheel  
17. Pad retainer  
18. Ballast  
19. Control circuit

**2.1.2 DIMENSIONS**

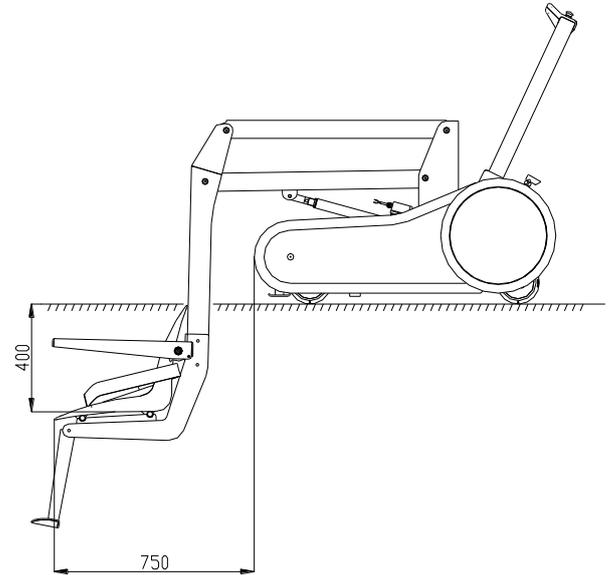
13.1,2,3



## 2.1.3 MAIN DIMENSIONS

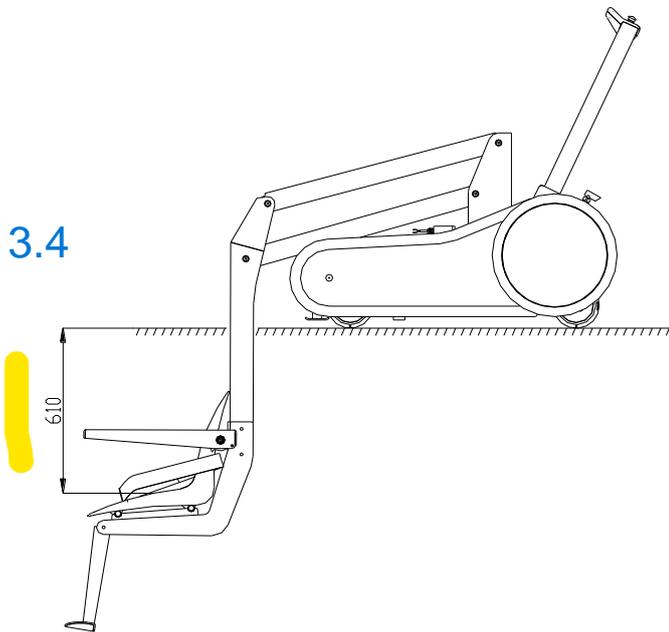


1. HIGHER POSITION

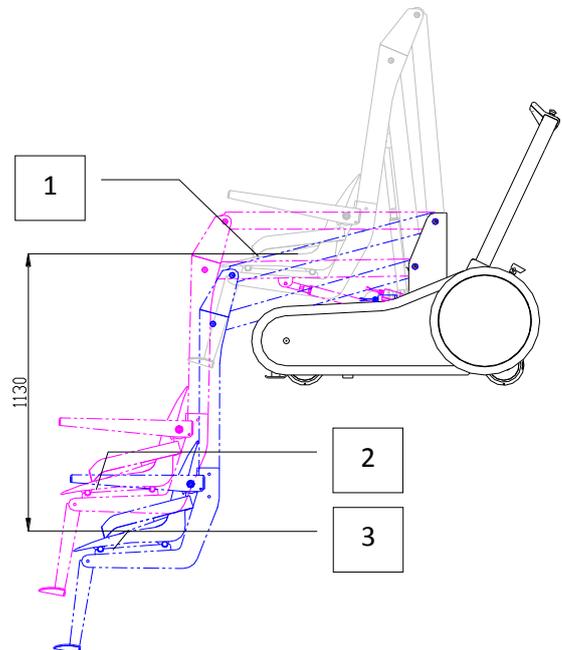


2. POSITION TO THE MAXIMUM DISTANCE

13.4



3. LOWER POSITION



LIFTING RANGE



# GENERAL DESCRIPTION

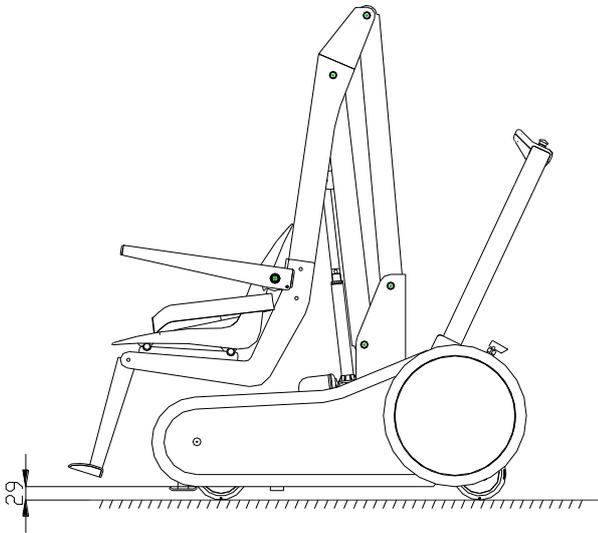
2

Swimming Pool Lift

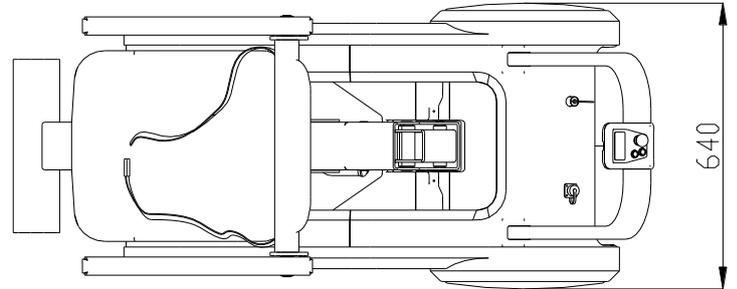
DEVICE

i-swim

MODEL



FREE SPACE FROM THE BASE



MAXIMUM WIDTH

## 2.2 TECHNICAL DATA

3.1	Structure Material	Aluminium / stainless steel
	Main structure material	ABS
	Ballast material	Steel S235jr
	Ballast mass	65 kg
7	Power supply	24 V d.c. (2 12 V batteries in serie)
6	Battery capacity	2 x 18 Ah
	Autonomy of the battery	~ 50 lifting cycles
	Protection degree	IP44
	Room temperature	+5°C ÷ +40°C
	Total weight of the lift without load	150 kg
5	Maximum load	136 kg
	Noise	Continuous sound pressure level equivalent to <70Db (A)
	Strength required to operate the controls by fingers	< 5 N
	Strength required to operate the controls by feet (wheel brake)	< 300 N
	Life of the product*	15.000 lifting cycles
	Dimensions and lifting range	See chapter 2.1

\* The life of the product DOES NOT CORRESPOND to the product warranty. Life of the product is intended as the average life of the lift used according to the manufacturer's specifications; product warranty is intended as protection of the customer in the event of defective product, bad functioning or if it does not meet the declared use within the period of time defined by law.

	<h1>FIELD OF USE</h1>	<h1>3</h1>	<table border="1"> <tr> <td colspan="2"><b>Swimming Pool Lift</b></td> </tr> <tr> <td>DEVICE</td> <td></td> </tr> <tr> <td><b>i-swim</b></td> <td></td> </tr> <tr> <td>MODEL</td> <td></td> </tr> </table>	<b>Swimming Pool Lift</b>		DEVICE		<b>i-swim</b>		MODEL	
<b>Swimming Pool Lift</b>											
DEVICE											
<b>i-swim</b>											
MODEL											

### 3.1 PROVIDED USE

The lift must be used only for the transfer of disabled persons, with weight of not more than 136 kg, at poolside of swimming pools in order to help disabled persons to enter and exit from the water.

The use of the lift must only be carried out by an operator, defined assistant, authorized and trained and in possession of knowledge, physical and mental requirements needed to conduct in a safe way the operations with disabled persons.

### 3.2 NOT PROVIDED USE

Anything not specifically mentioned in chapter 3.1 is considered IMPROPER USE.

IT IS FORBIDDEN to stand on the lift or its parts to change level.

IT IS FORBIDDEN to use the lift to transport animals or things.

IT IS FORBIDDEN to use the lift in the presence of stairs, steps, brittle or inclined surfaces.

IT IS FORBIDDEN to dip the lift into the water except for the seat and the footrest.



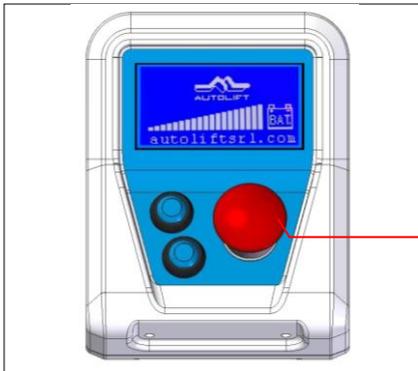
**THE MANUFACTURER DISCLAIMS ANY RESPONSIBILITY FOR DAMAGE TO PERSONS OR THINGS OR TO THE SAME LIFT CAUSED BY A USE NOT PROVIDED IN THIS INSTRUCTION MANUAL.**

### 3.3 ENVIRONMENTAL CONDITIONS

Temperature \_\_\_\_\_ + 5°C / +40°C

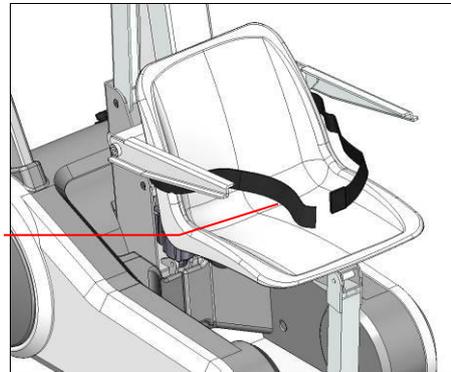
Humidity \_\_\_\_\_ 80% max

On the lift there are the following safety devices: .



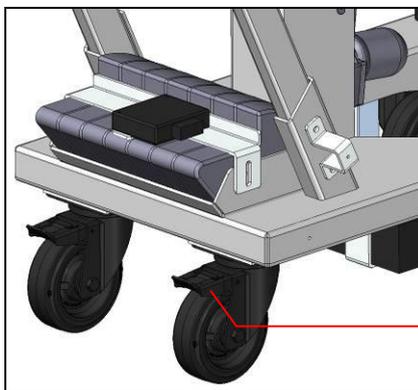
1

1 Emergency stop



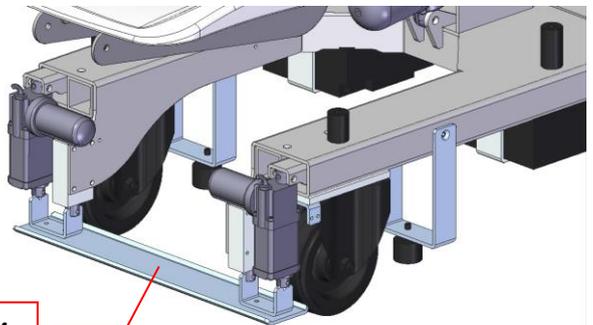
2

2 Safety belt



3

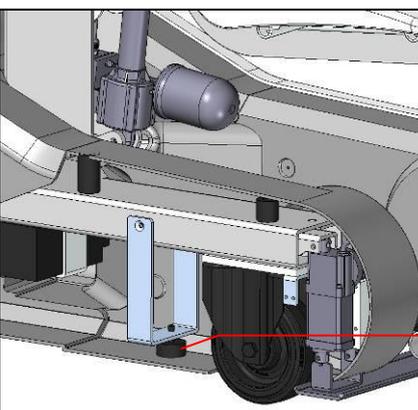
3 Brake for orientable wheels



4

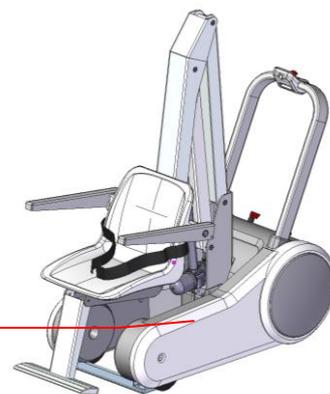
4 Pusher

4



5

5 Pad retainer for the wheels



6

6 Carter



**IT IS FORBIDDEN TO TAKE OFF, REMOVE OR MODIFY THE EXISTING SECURITY DEVICES.**



## ON THE LIFT THERE ARE THE FOLLOWING SIGNALLINGS



### IT IS FORBIDDEN

THE USE OF THE LIFT TO PERSONS NOT TRAINED AND NOT AUTHORIZED

TO LEAVE THE LIFT WITH PERSON ON BOARD

TO CARRY AND / OR LIFT THINGS OR ANIMALS

TO TRANSIT AND USE THE LIFT IN THE PRESENCE OF STEPS, ROUGHNESS, BRITTLE AND INCLINED FLOORS

TO DIP THE LIFT WITH THE EXCEPTION OF THE SEAT

TO WASH THE LIFT WITH WATER JETS



MODIFY OR REMOVE THE PROVIDED PROTECTIONS



### IT IS COMPULSORY

TO CHECK THE CORRECT POSITION OF THE PERSON TO BE LIFTED:

- HELD WITH BELT
- ARMS RESTING ON THE ARMRESTS
- FEET RESTING ON THE FOOTREST

LOOK THE TWO REAR WHEELS WITH THE BRAKE BEFORE LOWERING OR RAISING A PERSON

PUT IN SAFE MANNER THE LIFT WHEN IT IS NOT USED:

- MOVE IT AWAY FROM THE POOL AND / OR TRANSIT AREAS
- PRESS THE EMERGENCY PUSH-BUTTON AND REMOVE THE KEY
- LOCK BOTH REAR WHEELS WITH BRAKE

USE ANTI-SLIP SHOES FOR ASSISTANT



### DANGER

IN THE EVENT OF BRITTLE FLOOR PARTS (GRIDS) ALWAYS PLACE THE SUITABLE PLATFORM TO THE GROUND IN ORDER TO SUPPORT ALL THE SUPPORTING POINTS OF THE LIFT.

MAKE SURE THAT THERE IS NO PERSON OR THING THAT CAN BE BUMPED DURING THE USE.

PUT IN CHARGE THE BATTERIES ONLY IN A PROPER SPACE EQUIPPED WITH EFFECTIVE VENTILATION.



DO NOT APPROACH TO MOVING PARTS.

DO NOT PLACE THE FEET UNDER THE FOOTREST OF THE LIFT.



**IT IS FORBIDDEN TO MODIFY / REMOVE THE SIGNALS  
AFFIXED.**

	<h1>PERSONAL SAFETY DEVICES</h1>	<h1>6</h1>	<p><b>Swimming Pool Lift</b></p> <hr/> <p><i>DEVICE</i></p> <p><b>i-swim</b></p> <hr/> <p><i>MODEL</i></p>
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As necessary or required by the relevant legislation in force, use custom security equipment.

The personal safety devices are equipment designed to be worn by the worker to protect him against specific risks than can arise due to the type of working effected.

The personal safety devices must be:

- Strictly individual.
- worn without exceptions.
- selected taking care that they are appropriate to prevent the specific risks for the work the operator wearing them will effect.
- comfortable and safe.
- kept in in good working conditions and must be replaced when they are worn or damaged.

The following personal safety devices are foreseen for the assistant during the use:



Footwear with anti-slip soles.



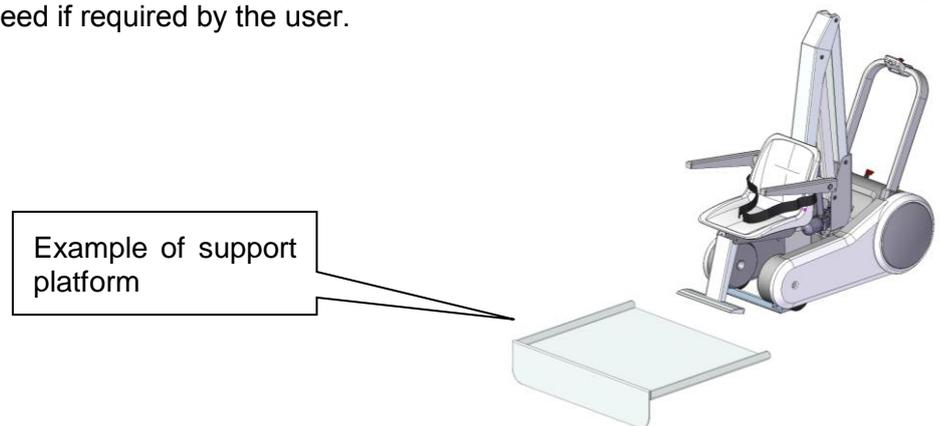
**ONLY USE PERSONAL SAFETY DEVICES WITH THE FORESEEN CE MARKING.**

In spite of all the protection devices have been taken in the design of the lift, including complementary protection devices, there are still **residual risks** that are described below.

If the floor on which the lift is moved presents brittle parts under the weight of the lift with the person on board, there is the possibility of a overturning risk.

This risk is considered as **residual risk** and is indicated in the sign placed on the lift.

This risk must be eliminated by the user. The company AUTOLIFT Srl is able to offer and produce any support plan as per Customer's need if required by the user.



The assistant has the obligation of continuous supervision of the transported person and the latter must always be held by the safety belt when he/she is on board. However, there is the possibility of the risk of injury to the hands if they are placed in the moving parts when the same are operated. This risk is considered as **residual risk** and is indicated in the sign placed on the lift.

The assistant has the obligation of continuous supervision of the transported person and the latter must always put the feet on the footrest when he/she is on board. However, there is the possibility of the risk of feet crushing if these are placed under the footrest and the latter is lowered too close to the bottom of the pool. This risk is considered as **residual risk** and is indicated in the sign placed on the lift.

## 8.1 RECEIPT AND INSPECTION

Upon receipt of the lift carry out the following checks:

- Check whether the delivery agrees with the order specifications and to the transport document.
- Make sure the packaging is undamaged and that no parts are damaged or broken during transport.
- Carefully inspect that the machines have not been damaged during transport or that some parts have not been removed or tampered with.
- Check the presence of the documentation required for the installation phase.



**IN THE EVENT OF NON-COMPLIANCE WITH THE ABOVE SPECIFICATIONS, IMMEDIATELY NOTIFY THE MANUFACTURER.**

## 8.2 STORAGE AND STOP OF THE LIFT

In case the lift is not used, it will be necessary to proceed as follows:

- Store indoors in a place sheltered by weather conditions.
- All electrical / electronic equipment must remain packed in order to be protected against moisture.
- The temperature of the place of storage must be between +5 ° C and +50 ° C.
- All parts with sliding (guides, cylinders ...) must be protected against dust and oxidation.
- The storage time is good does not exceed 6 months. In the case of storage for longer periods, it is recommended before proceeding with operating the machine, to contact the manufacturer for inspection of the conditions of the lift.



**THE STORAGE OF THE LIFT IN AREAS THAT DO NOT CORRESPOND TO WHAT SPECIFIED, WILL VOID THE WARRANTY FOR PARTS TO BE REPLACED.**

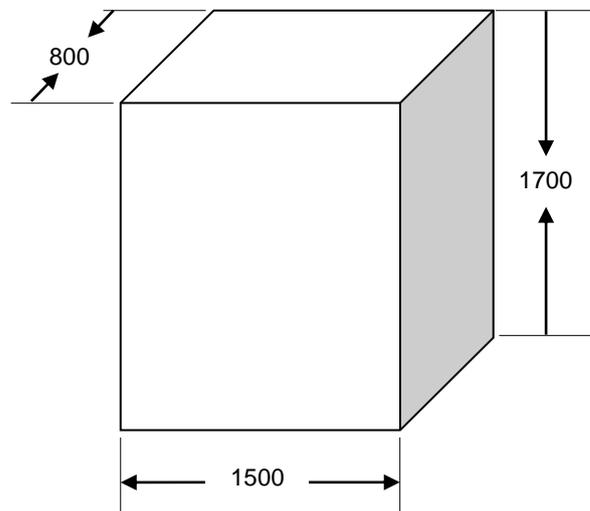


## 8.3 TRANSPORT

The transport of the lift must be effected through a vehicle (van, truck, etc..) with suitable size and capacity.

The lift is dispatched by the manufacturer packed in carton box or wooden case fixed to a wooden or plastic pallet.

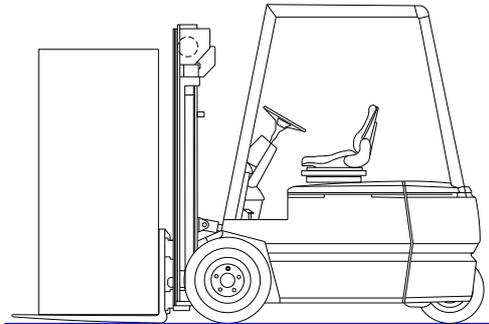
The size of the package does not exceed 1500 x 800 x 1700 mm and the total weight of the package with the lift does not exceed 170kg.



## 8.4 HANDLING

Handling of the packed lift must be effected through manual forklift, forklift, etc..

The vehicle used for safe handling procedures must have a capacity not less than 200 kg.



**PERSONNEL EMPLOYED FOR HANDLING MUST WEAR:  
SAFETY SHOES WITH IRON TOE AND ANTI-SLIP SOLE.**



**MAKE SURE THAT NO UNAUTHORIZED PERSONNEL IS  
LOCATED IN THE SPACE OF ACTION OF THE LIFTING /  
HANDLING VEHICLE (TROLLEY, MANUAL FORKLIFT,  
ETC.) DURING LIFTING, HANDLING AND TRANSPORT  
OPERATIONS.**

To unpack the lift it is necessary, in case of carton package, to engrave with a sharp knife/cutter (blade length max 1 cm) the 4 sides at the base of the package, which should be lifted and removed. In the case of packing with wooden case, it is necessary to univet the wooden board starting from the top and then removing the side walls.



**PERSONNEL EMPLOYED FOR OPENING THE PACKAGE  
MUST WEAR: SAFETY SHOES WITH IRON TOE AND  
ANTI-SLIP SOLE AND LEATHER GLOVES.**



The movement of the lift once unpacked must be done by pushing it manually on the foreseen 4 wheels, on flat floor, leveled and free of roughness and steps.

## 8.5 POSITIONING

The lift is supplied complete and ready for use.

After the inspections as described in chapter 8.1, check the state of charge of the batteries by means of the instrument placed on the control panel as described in point 9.2.

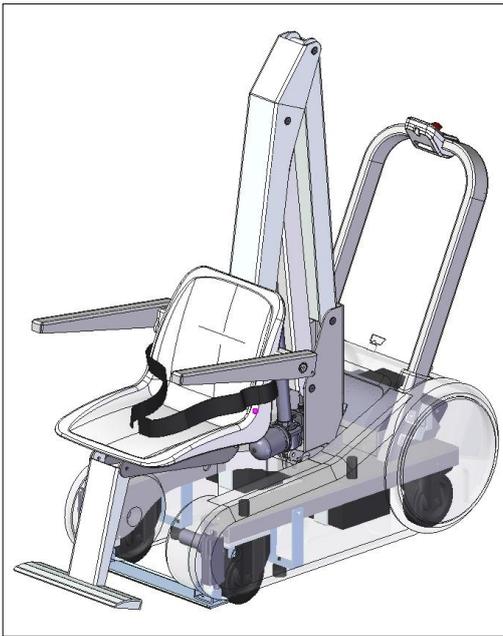


**BEFORE STARTING THE LIFT CHECK THE CHARGE  
CONDITION OF THE BATTERIES.**

## 9.1 DESCRIPTION



**AS REGARDS THE NOMENCLATURE OF THE LIFT PLEASE REFER TO CHAPTER 2.1.1 OF THIS MANUAL.**

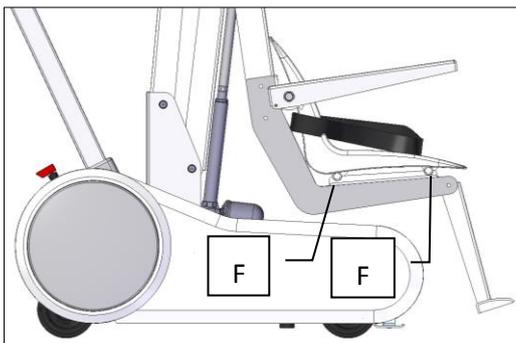


The lift is used by the assistant for the transfer of a disabled person to the poolside of the swimming pools and to help him/her during entrance and exit from the water. This device is equipped with wheels and it is possible to manually transport a disabled person, seat and held with seat belt on the foreseen seat, along the floor at poolside and also lower and lift him/her in order to carry out the entry and exit operations from the swimming pool.

The translation on the floor is done manually pushing or pulling, the lift is equipped with four wheels, two of which, the rear ones, are orientable and equipped with brake.

For vertical translation, the movement occurs with a parallelogram system driven by an electric motor. The controls to the electric motor are given by the assistant on a panel placed on the push handle.

The person to be transferred is placed on the seat complete with movable armrests and seat belt. Under the seat there is a pivoting footrest.



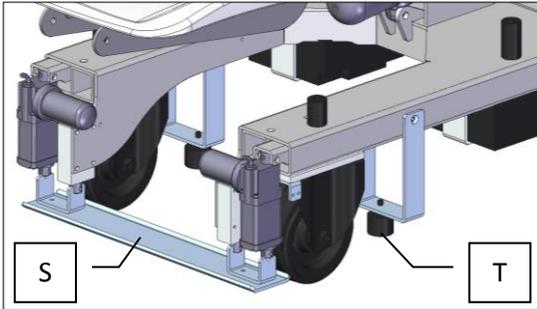
The seat, made of polypropylene material, is manufactured by the company Bericoplast in the model Helene. It is fixed at four points (F) to the tubular support of the lift by means of 4 paker stainless steel screws d. 4,8 x32.

The seat has a size of 430 mm width 400 mm depth while the backrest height is 360 mm.



**THE SEAT AS SUPPLIED BY AUTOLIFT SRL IS EQUIPPED WITH HOLES FOR WATER DRAINAGE MADE IN SUCH WAY NOT TO AFFECT ITS STRENGTH.**

**DO NOT MODIFY IT AND IN CASE OF REPLACEMENT NEED, PLEASE REQUEST IT TO AUTOLIFT SRL.**



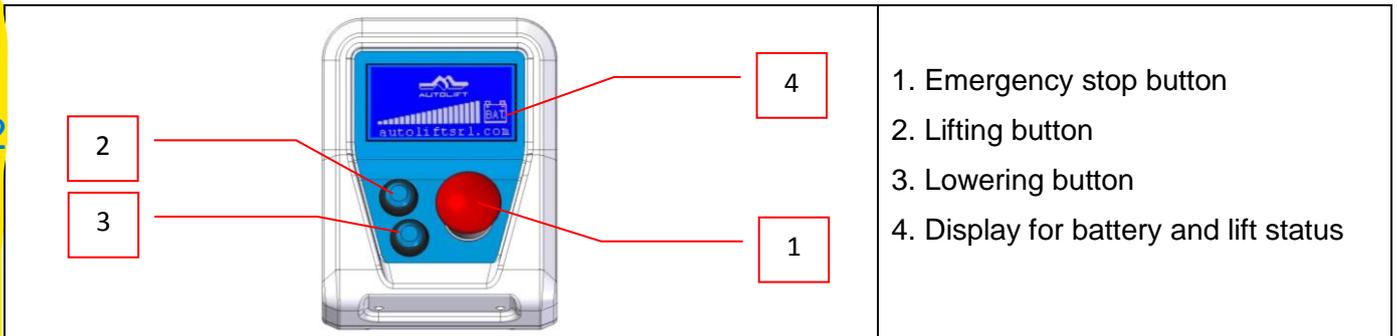
In the front area, the lift is equipped with a pusher (S), electrically operated, which gives a support on the ground for the whole front width. The control of the pusher takes place by means of the same lowering and lifting controls so that its lowering anticipates the one of the vertical movement downwards of the lift and its lifting takes place only after the maximum high lift condition is reached.

Under the base of the lift, behind the two front wheels, there are two fixed pad retainers (T) with the purpose of stopping the lift at the poolside in case the front wheels come out accidentally out of the edge during the approach phase to the swimming pool.

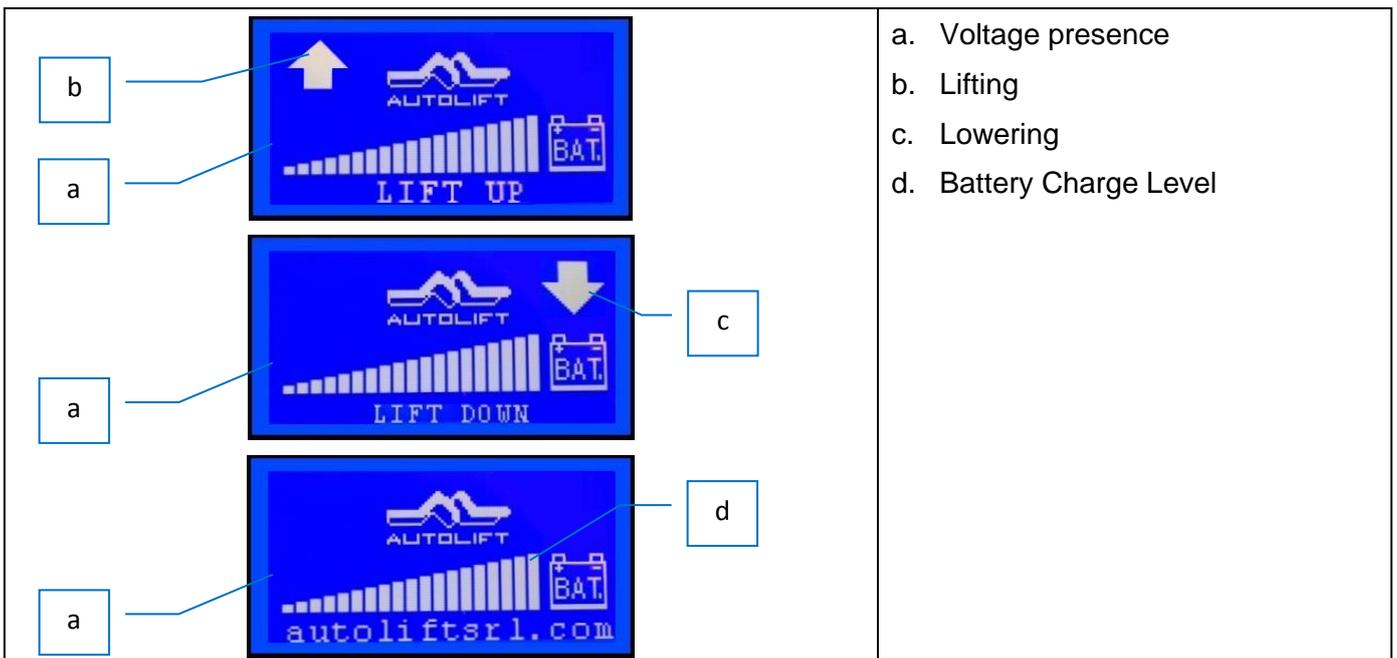
In the rear part there is a 65 kg ballast with balance function, while on the two sides there are the battery compartments. All these details are under the frame as well as the electric control circuit.

## 9.2 CONTROL PANEL

12.1  
12.2



1. Emergency stop button
2. Lifting button
3. Lowering button
4. Display for battery and lift status



- a. Voltage presence
- b. Lifting
- c. Lowering
- d. Battery Charge Level

	<h1>USE</h1>	<h1>9</h1>	<b>Swimming Pool Lift</b> <hr/> <small>DEVICE</small> <b>i-swim</b> <hr/> <small>MODEL</small>
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## 9.3 USE



**FOLLOW THE PROCEDURES FOR INTERNAL SECURITY ISSUED BY THE USER.**



**IN THE DESCRIPTION OF THIS CHAPTER THE REFERENCE NUMBER OF THE DEVICES ARE REFERRED TO THE PREVIOUS CHAPTER 9.2.**

### CHECKING OPERATIONS BEFORE USE

Before using the lift check the following:

1. The efficiency of the safety devices described in chapter 4 of this manual;
2. The status of charge of the battery;



← Charge level of the battery

To check the status of charge of the battery is enough to check the lighting lines on the display above "autoliftsrl.com". The maximum battery charge is indicated by all lines tracked. The lines turn off one by one until it remains switched on the last on the left to indicate the minimum charge.



**WHEN WILL REMAIN FEW OR ONLY ONE LINE CHARGE THE BATTERIES**

- 3 The correct operation of the wheels.

To carry out this check, release the brake of the rear wheels, push forward and backward the lift of one meter approx. and then let it make a sudden turn left and right and observe that do not happen lockings, noise, or jerks.

	<h1>USE</h1>	<h1>9</h1>	<b>Swimming Pool Lift</b> <hr/> <small>DEVICE</small> <b>i-swim</b> <hr/> <small>MODEL</small>
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## OPERATIONS FOR ENTERING INTO THE WATER

Insert the key into the emergency stop button (1), reset it and check the status of voltage presence (a) and battery charge (d) on the display (4).



**DO NOT USE THE LIFT IF THE BATTERY LEVEL IS AT MINIMUM. IN THIS CASE, PUT IN CHARGE THE BATTERIES BEFORE USING THE LIFT.**

Approach the person to be lifted with the lift, which must already be near the swimming pool where he/she will arrive with a special wheelchair. The assistant must then lock the wheels of the lift and helping the person to be lifted to sit down on the seat.



**IF THE PERSON TO BE LIFTED HAS PARTICULAR DIFFICULTY IN WALKING, THE ASSISTANTS HAVE TO BE TWO.**

Once the person to be lifted took place in the seat, it is necessary to hold him/her with the seat belt and let him/her place both arms on the armrests and both feet on the footrest and warn him/her to remain in such position until the end of operation of arrival in the water.



**MAKE SURE THAT THE PERSON TO BE LIFTED ALWAYS REMAIN WITH ARMS AND FEET ON THE RELEVANT SUPPORTS.**

Unlock the wheels and push the lift until the front part of the two front wheels is perpendicular to the pool side. Approaching the swimming pool, slow down the speed in order not to have very strong inertia.



**IN CASE OF LOSS OF CONTROL AND IF THE FRONT WHEELS OF THE LIFT EXCEED THE POOLSIDE, STOP THE REAR WHEELS WITH BRAKES AND ASK FOR HELP TO ANOTHER ASSISTANT.**

Once the desired position has been reached, it is necessary to lock both rear wheels with brakes, and then press the down button (3), the pusher lowers and the LED signaling the lowering switches on (c). The button must be held pressed until the pusher approaches the floor and its engine stops.



**IN THE EVENT OF BRITTLE FLOOR PARTS (i.g. GRIDS) A SUITABLE PLATFORM HAS TO BE PLACED ON THE FLOOR IN ORDER TO BEAR THE SUPPORT POINTS OF THE LIFT.**

Once the pusher has stopped, release and then press the lowering button (3), the lift begins to extend the arm with the person on board and then it lowers to the bottom of the pool. Once the desired depth is reached, the assistant must release the button making sure that the footrest never touches the bottom of the swimming pool.

	<h1>USE</h1>	<h1>9</h1>	<b>Swimming Pool Lift</b> <hr/> <small>DEVICE</small> <b>i-swim</b> <hr/> <small>MODEL</small>
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**MAKE SURE THAT THE FOOTREST REMAINS NOT LESS THAN 10 CM FROM THE BOTTOM TO PREVENT FOOT CRUSHING IN CASE FEET SHOULD NOT BE ON THE FOOTREST.**



**MAKE SURE THAT THE DEPTH OF WATER IS SUITABLE TO AQUATIC SKILLS OF THE PERSON TRANSPORTED ON THE LIFT.**

The assistant must therefore, according to the situation that he has to evaluate by himself, tell to the carried person to release, or release directly, the seat belt, and then free the transported person into the water.

After this operation, the assistant must press the lifting button (2) and, with the lift at its maximum height, release the brake and then move it away from the poolside and bring it in an area where it does not cause danger or obstruction.

Then lock the wheels, press the emergency stop button (1) and remove the key.

### **OPERATIONS FOR THE EXIT FROM THE WATER**

After inserting the key into the emergency stop button (1) and have it reset, the assistant must ensure the state of charge of the batteries on the display (4) and then approach the lift to the poolside. Then he must stop the two rear wheel brakes and press the lowering button (3) keeping it pressed until the pusher reach the floor and its engine stops. After the pusher has stopped, the assistant must release and then press again the lowering button (3), the lift begins to extend its arm and then to lower the seat to the bottom of the pool. Once the desired depth is reached, the assistant must release the button making sure that the footrest never touches the bottom.

Afterwards, the assistant must let the person to be lifted sit on the seat, make sure he/she fastens the seatbelt, place the arms on the armrests and the feet on the footrest and inform him/her to remain in such position until the end of operation of arrival out of the water. The assistant must then press the lifting button (2) until the lift is at its maximum height and then move it away from the poolside by pulling the handle. Once a suitable area to let the transported person get off has been reached, the operator must stop the controls with the emergency stop button, then lock the wheels of the lift and proceed to the exit operations and / or transfer to an other device of aid.

Also for the exit operations from the water it is necessary to follow the indications as shown for the entry operation into the water.



**IN CASE OF LIFT BLOCK, MALFUNCTION, ISSUE OF ABNORMAL NOISE, SMOKE AND SMELL, STOP THE MACHINE AND ACTIVATE THE MAINTENANCE SERVICE.**

**IN CASE OF NEED CONTACT THE CUSTOMER SERVICE OF THE MANUFACTURER AUTOLIFT SRL.**

See references in paragraph 1.1 of this manual

	<h1>CLEANING</h1>	<h1>10</h1>	<b>Swimming Pool Lift</b> <hr/> <small>DEVICE</small> <b>i-swim</b> <hr/> <small>MODEL</small>
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The lift must be manually cleaned with a cloth moistened with mild detergent (such as multi-purpose sanitizing environmental Amuchina HACCP) and then rinsed off with a cloth moistened with water.



**DO NOT USE AGGRESSIVE DETERGENT.  
DO NOT USE WATER JETS OR HIGH PRESSURE MACHINE.**

The cleaning staff must wear the provided personal safety devices.



**BEFORE CARRYING OUT ANY CLEANING OPERATION,  
STOP THE MACHINE USING THE EMERGENCY STOP  
BUTTON AND REMOVE THE RELEVANT KEY.  
LOCK THE REAR WHEELS WITH BRAKES.**



ALL THE ORDINARY AND EXTRAORDINARY MAINTENANCE MUST BE CARRIED OUT BY PROPER SPECIALIZED TECHNICIANS (SEE CHAPTER 1.4).



BEFORE CARRYING OUT ANY OPERATION ON ELECTRICAL PARTS AND MOVING PARTS ELECTRICALLY OPERATED, IT IS NECESSARY TO REMOVE POWER FROM THE ENGINE BY MEANS OF THE RELEVANT SETTING DEVICE INSTALLED AT ONE SIDE OF THE ENGINE, THAT WILL BE LOCKED WITH A PADLOCK ON WHICH IT WILL BE PLACED A SIGN REPORTING THAT THE MACHINE IS UNDER MAINTENANCE.



The personnel involved in maintenance operation must wear the provided personal safety devices.



## 11.1 BATTERY CHARGE

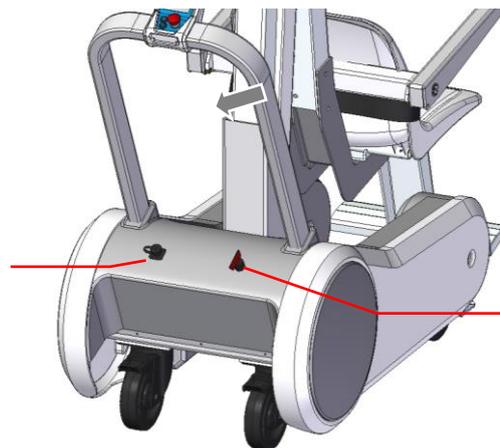
The battery charge must be done in a suitable place with effective ventilation to ensure the evacuation of any possible formations and therefore leakage of hydrogen.



**IT IS TASK AND RESPONSIBILITY OF THE USER TO IDENTIFY THE AREA TO CHARGE THE BATTERIES.**

To charge the batteries: turn the battery switch key in counter-clockwise, unscrew the cover of the socket placed on the frame below the handle, insert the plug of the battery charger and then feed the latter with a 230 V AC 16 A power supply.

Socket for connection battery charger



Battery switch

Socket for connection to the battery charger



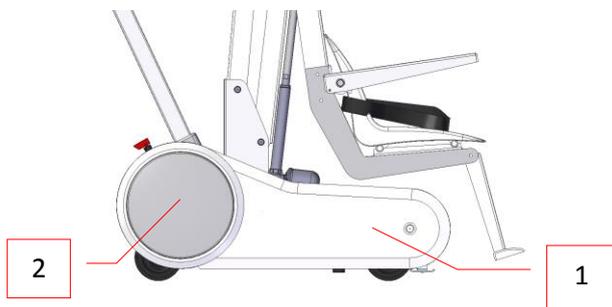
**ONCE THE BATTERY CHARGE HAS BEEN COMPLETED, ALWAYS CLOSE THE COVER OF THE SOCKET AND SCREW IT TIGHT.**



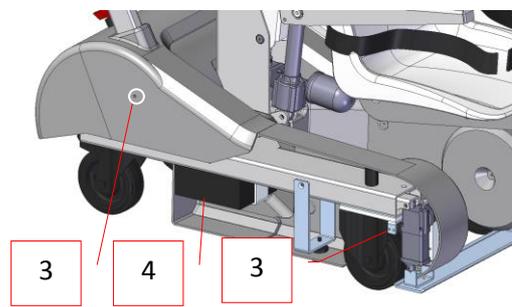
**ONLY USE THE BATTERY CHARGER EQUIPPED WITH THE LIFT.**

## 11.2 BATTERY REPLACEMENT

The lift is equipped with two batteries connected in series, each of which is housed in a proper compartment (4) obtained on each side of the same lift. In case of need, such as the replacement of one or both the batteries, it is necessary, to reach the two battery compartments, to remove each of the lateral frames (1). To effect this operation, it is necessary to remove each of the two gray circular covers (2), inserted with pressure, deforming them slightly by pressing them vertically on the sides. Once removed the cover, it is possible to remove the frame unscrewing the two fastening screws holding it using a screwdriver of appropriate size. The points indicated with (3) in the below drawing correspond to the threads of the two fixing screws of the frame.



Frame



Battery compartment



**THE BATTERY REPLACEMENT MUST BE CARRIED OUT ONLY BY QUALIFIED PERSONNEL.**

At the end of the intervention, the frames and the removed components must always be restored.

## 11.3 FUSE REPLACEMENT

The control circuit is equipped with a 20 A protection fuse of the blade type for cars which, in case of intervention, must be replaced. The fuse is housed under the frame on the right side (with respect to the forward direction) and can be accessed by following the instructions described for battery replacement in the previous point.



**THE FUSE REPLACEMENT MUST BE CARRIED OUT ONLY BY QUALIFIED PERSONNEL.**

**BEFORE REPLACING THE FUSE DISCONNECT THE POWER WITH BATTERY SWITCH**

In case of repeated intervention on the fuse contact AUTOLIFT Srl Customer Service (ref. chapter 1.1).

## 11.4 PERIODICAL INSPECTION



### PERIODICAL INSPECTION MUST BE CARRIED OUT ONLY BY SKILLED PERSONNEL.

Every six months, the user has to commission a periodical inspection of the lift to a technician properly trained.

The inspections consist of a visual examination for the control of:

1. Supporting structure;
2. Lifting device with relevant connections;
3. brakes;
4. Controls, emergency stop button;
5. Safety devices, pusher, wheel pad retainer;
6. Support devices for the person (seat belt).

The inspections also include:

7. operation tests;
8. maintenance;
9. Adjustments.
10. Each periodical inspection shall include a test with the workload of one (1) lifting cycle with maximum load (simulated).

Each remark for the safety of the lift shall be entered on a register (see facsimile in Annex) that the user must keep in a safe place for the examination in the event of an accident.

The record of the inspection shall also contain the following information:

- Date of the inspection;
- Identification details and serial number of the machine;
- Date of next inspection;
- Identification and signature of the person in charge for the inspection.

If the inspection points out any defect, signs of wear or other damages that compromise the safety of the lift. In the event of immediate danger for the safety, the user must put out of service the lift until the fault has been solved.

Defects or damage must be reported to the manufacturer AUTOLIFT srl for appropriate action.



In the event of waste disposal of the machine, it is necessary to follow the procedures provided by the legislation in force.

In general it is necessary to disassemble in order to obtain several groups of homogeneous materials. The special materials such as lubricating oils, electrical / electronic components must be disposed according to the relevant laws in force.

**It is compulsory to destroy the identification plates of the machine**, and any other document related to it.



## SPARE PARTS

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Swimming Pool Lift

DEVICE

i-swim

MODEL

### SPARE PARTS LIST

POSITION NR.	DESCRIPTION	CODE NR.
1	Seat	W8010077
2	Safety belt kit	W8010080
3	Main actuator	W8010018
4	Left actuator	W8010020
5	Right actuator	W8010019
6	Fixed wheel	W8010081
7	Revolving wheel	W8010082
8	Safety pad retainer	W8010083
9	Unit Power	W8010001
10	Display	W8010016
11	Emergency button with key	W8010084
12	Control buttons kit (n°2)	K1002019
13	Battery charger	W8010902
14	Battery type	W8010017
15	Arm bushes	BOCCOLA Q2FM 202321
16	Pin	W8010058
17	Pusher	W8010067
18	Footrest	W8012012
19	Left Armrest	W8012013
20	Lower arm	W8012009
21	Handrail	W8010115
22	Battery switch	B1400116
23	Upper arm	W8012008
24	Vertical arm	W8010126
25	Complete covers dashboard	W8010076
26	Disk side cover	W8010075
27	Outer Right cover	W8010072
28	Inner Right cover	W8010070
29	Inner Left cover	W8010071
30	Outer Left cover	W8010073

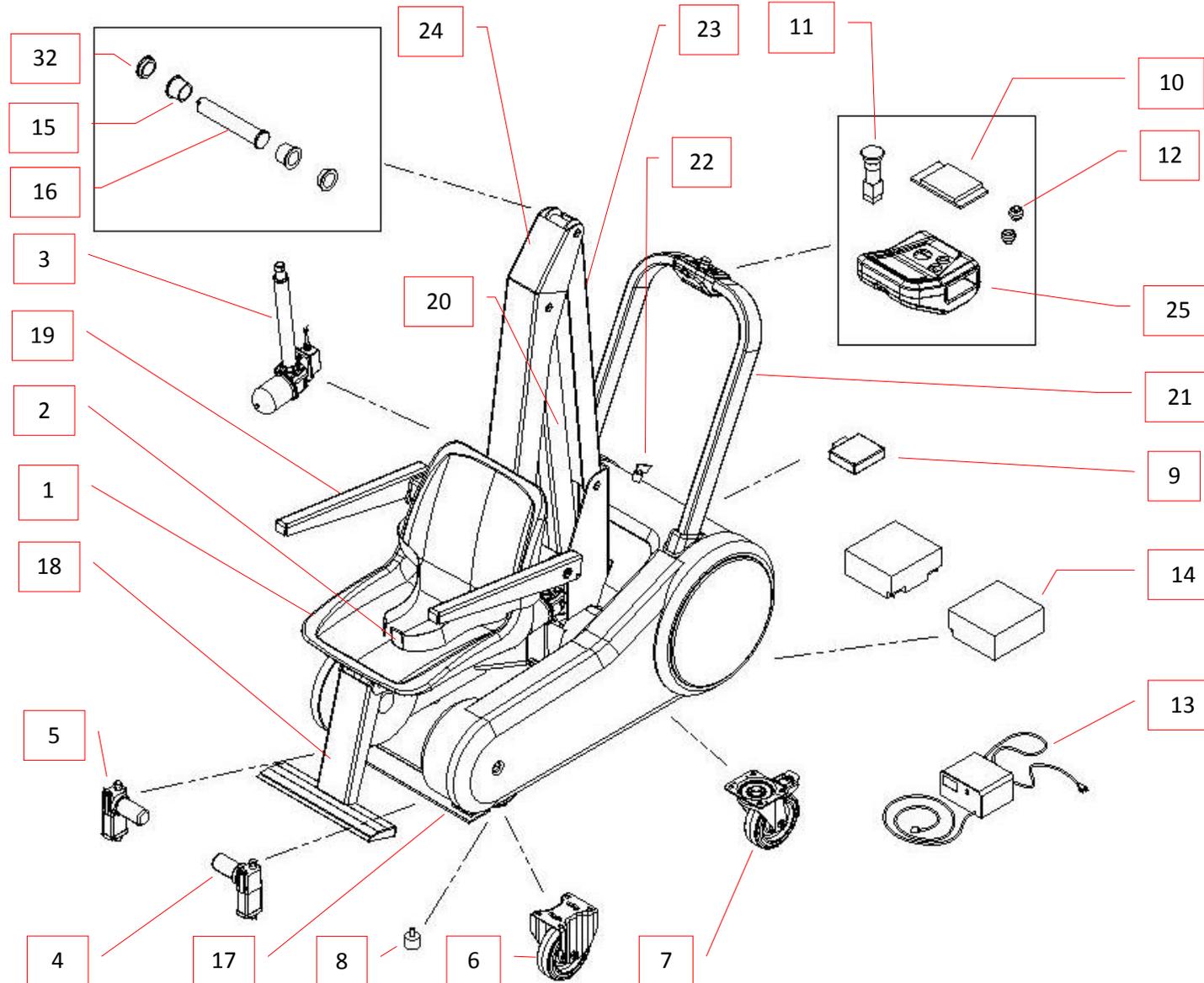
	<h1>SPARE PARTS</h1>	<b>13</b>	<b>Swimming Pool Lift</b> <hr/> <i>DEVICE</i> <b>i-swim</b> <hr/> <i>MODEL</i>
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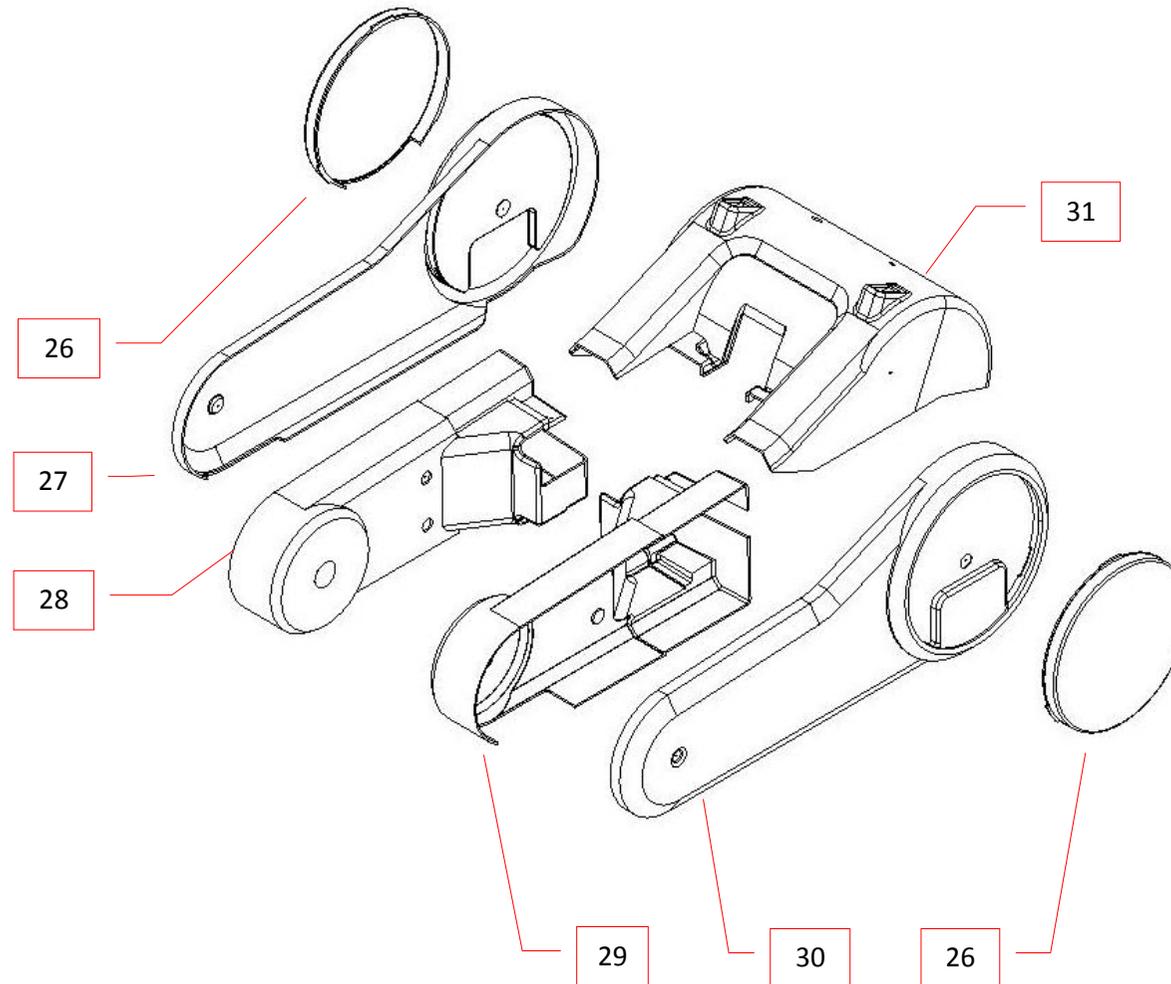
31	Central cover	W8010074
32	Bush vertical arm	BOCCOLA XFM 207,5



**FOR A PARTICULAR PARTS OUT OF THIS LIST PLEASE CONTACT DIRECTLY AUTOLIFT SRL.**

To contact AUTOLIFT srl Service please see references in Chapter 1.1.







## ENCLOSURES

14

### Swimming Pool Lift

DEVICE

**i-swim**

MODEL

- FORM FOR SPARE PARTS REQUEST
- PERIODICAL INSPECTION REGISTER
- USE AND MAINTENANCE MANUAL FOR BATTERY CHARGER
- ELECTRIC DIAGRAM







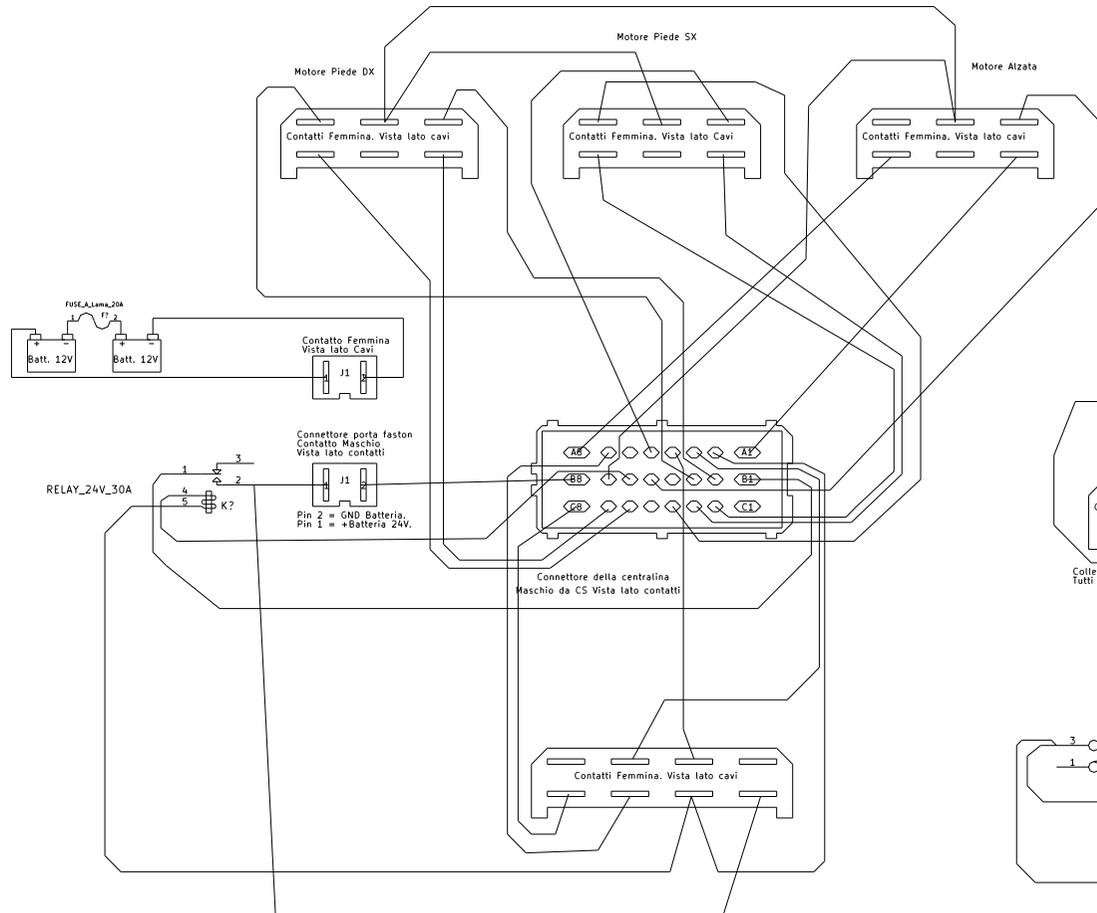
# ELECTRIC DIAGRAM

## Swimming Pool Lift

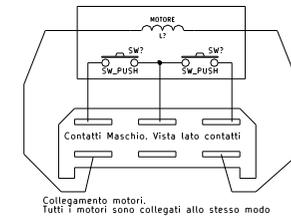
DEVICE

i-swim

MODEL



MOTORE PIEDE DX	RIGHT FOOT MOTOR
MOTORE PIEDE SX	LEFT FOOT MOTOR
MOTORE ALZATA	RISING MOTOR
CONTATTI FEMMINA, VISTA LATO CAVI	FEMALE CONTACTS, CABLE SIDE VIEW
FUSIBILE A LAMA 20 A	20 A BLADE FUSE
BATTERIA 12 V	12 V BATTERY
CONTATTO FEMMINA, VISTA LATO CAVI	FEMALE CONTACT, CABLE SIDE VIEW
RELAY 24V 30A	RELAY 24V 30A
CONNETTORE PORTA FASTON	FASTON HOLDER CONNECTOR
CONTATTO MASCHIO	MALE CONTACT
VISTA LATO CONTATTI	CONTACT SIDE VIEW
PIN 2 = GND BATTERIA	PIN 2 = BATTERY GND
PIN 1 = +BATTERIA 24V	PIN 1 = 24 V BATTERY
CONNETTORE DELLA CENTRALINA	CONNECTOR UNIT
MASCHIO DA CS VISTA LATO CONTATTI	MALE CS CONTACT SIDE VIEW
CONTATTI MASCHIO, VISTA LATO CAVI	MALE CONTACTS, CABLE SIDE VIEW
COLLEGAMENTO MOTORI	MOTOR CONNECTION
TUTTI I MOTORI SONO COLLEGATI	ALL MOTORS ARE CONNECTED IN THE SAME WAY
ALLO STESSO MODO	



FUNGO/CHIAVE	EMERGENCY BUTTON/ KEY
CONTATTI MASCHIO, VISTA LATO CAVI	MALE CONTACTS, CABLE SIDE VIEW
PULSANTE SW?	SW BUTTON
SCHEDA LED	LED BOARD
CONN 6	CONN 6

