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LIFTINGITALIA<sup>®</sup>

COMFORTABLE HOMELIFTS

# IconLift

Screw-driven lifting platform with car



## USER'S MANUAL



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COMFORTABLE HOMELIFTS

20201111

## SUMMARY SHEET

<b>DATE:</b>
<b>MACHINE NUMBER:</b>
<b>ADDRESS:</b> .....
<b>INSTALLER:</b>
<b>MAINTENANCE COMPANY:</b>
<b>TESTING NOTIFIED BODY:</b>

## DEALER / INSTALLER STAMP

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0.1	Update § 1.1	11.11.2020
0	New edition	15.09.2020
Rev.	Description	Date

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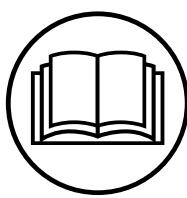
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## PURPOSE OF THE MANUAL

The purpose of this manual is to provide correct information on the installation of the product, in order to contribute to personal safety and to the proper functioning of the system. Keep the manual for the entire life of the product. In the event of a change of ownership, the manual must be provided to the new user as an integral part of the product.

### NOTICE



**READ THIS MANUAL CAREFULLY** before installing and using the product. This product must be installed and put into operation according to the provisions and regulations in force. Improper installation or improper use of the product can cause damage to people and property, as well as cause the warranty to lapse.

**FOLLOW THE SUGGESTIONS AND RECOMMENDATIONS TO OPERATE IN SAFETY.**

Any unauthorized modification can compromise the safety of the system, as well as the correct operation and the life of the machine. If you have any doubts regarding the correct understanding of the information and contents contained in this manual, contact LIFTING ITALIA S.r.l. immediately.

**QUALIFIED PERSONNEL:** The product covered by this documentation can only be installed by qualified personnel, in compliance with the attached technical documentation, above all in compliance with the safety warnings and the precautions contained therein.

Keep the technical and safety documentation near the system.



## PERSONAL SECURITY AND RISK RECOGNITION

This manual contains safety rules that must be observed to safeguard personal safety and to prevent damage to the property. The indications to be followed to guarantee personal safety are highlighted by a triangle symbol while those to avoid material damage are not preceded by the triangle. The hazard warnings are shown as follows and indicate the different levels of risk in descending order.

### RISK SYMBOLOGY AND PHRASES

RISK CLASSIFICATION AND RELATIVE GRAVITY OF DAMAGE		
<b>DANGER</b>	The symbol indicates that the failure to comply with appropriate safety measures <b>causes</b> death or serious physical injury.	RISK LEVEL
<b>WARNING</b>	The symbol indicates that the failure to observe the corresponding safety measures <b>can cause</b> death or serious personal injury.	
<b>CAUTION</b>	The symbol indicates that failure to observe the relevant safety measures <b>can cause</b> minor or moderate personal injury or damage to the device.	
<b>NOTICE</b>	It is not a symbol of security. It indicates that the failure to comply with relevant safety measures <b>can result</b> in property damage.	
<b>INFORMATION</b>	It is not a symbol of security. It indicates important information.	

If there are multiple levels of risk, the danger warning always indicates the highest one. If a warning is drawn with a triangle to warn of the risk of injury to persons, the risk of possible property damage may also be caused at the same time.

**NOTE:** During installation / maintenance of the platform, the safety functions are temporarily suspended. Therefore all necessary precautions must be taken to avoid personal injury and / or damage to the product.



## INFORMATION FOR LIFTING PLATFORM OWNER

 The lifting platform owner must ensure that the lifting platform is used only for its intended purpose (transportation of passengers with impaired mobility, as well as passengers in wheelchairs, with or without a companion). If the lifting platform is used not according to its purpose, it may result in dangerous situations with the likelihood of injuries or damage to the lifting platform.

Only suitable and preventative maintenance performed by the competent service personnel in accordance with the technical instructions provided by Lifting Italia S.r.l., can provide safe functioning of the lifting platform.

The lifting platform owner must operate the lifting platform in accordance with safe operating conditions. For this, the lifting platform owner must use the maintenance service.

The lifting platform maintenance must be performed in accordance with the Maintenance manual of the vertical lifting platform, and the national legislation of the country in which the lifting platform is operated.

It is necessary to ensure that the periodic maintenance of the lifting platform is performed at least every three months after the lifting platform is put into operation.

The lifting platform owner must discontinue the operation of the lifting platform in the event of a dangerous situation (e. g. in case of strange noises or interrupted ride, etc.).

In case of lifting platform failures, in particular, the failures that affect the safety of passengers, the operation of the lifting platform is prohibited. The lifting platform owner must ensure that in case of failures the lifting platform is disconnected and passengers cannot use it.

The lifting platform owner must inform the lifting platform maintenance service:

- immediately, upon noticing any incorrect operation of the lifting platform, failure or abnormal change in its immediate environment;
- immediately, about the termination of operation of the lifting platform in the event of a dangerous situation;
- after intervention of any authorized and trained person (s) of the rescue service;
- before any modification relating to the use of the lifting platform, and (or) its environment;
- before any sanctioned third-party verification or work, other than the ongoing maintenance of the lifting platform;
- prior to long-term termination of operation of the lifting platform;
- before returning the lifting platform to service after a long period of inactivity.

The lifting platform owner must ensure the availability of the maintenance service name and telephone number for the lifting platform passenger at all times. The number must be permanently affixed and clearly visible.

The lifting platform owner must ensure that the keys to the machine cabinet, stop-landing doors are always available in the building and for the maintenance service to authorized persons.

The lifting platform owner must take care that the maintenance service, participating in the rescue of passengers, under any circumstances can safely enter the building and have access to the lifting platform.

The lifting platform owner must provide the competent staff of the maintenance service the safe and free access to the operational areas and notify the maintenance service of any hazards or changes in the entrances to the operational and (or) entrance walkways.

### SAFETY MARKINGS AND OTHER MARKINGS:

Checking whether the maintenance service name and phone number are indicated on the platform.

- Lifting Italia S.r.l. declines all responsibility for any direct or indirect damage caused by operational errors, lack of professional maintenance and any other use not described in this manual.
- Lifting Italia S.r.l. declines all responsibility even in the event that modifications of any kind should be made to the machine without the prior written consent of Lifting Italia S.r.l.



## PRODUCT DESCRIPTION

IconLift is a design lifting platform equipped with a cabin, projected for home comfort, with a maximum travel of 12 m.

Thanks to a unique style it adapts to any context, from classic to modern, helping to enhance your every environment.

The traction of the platform ① takes place by means of the electric motor ②, positioned inside the arch and is moved by means of a screw-nut system ③.

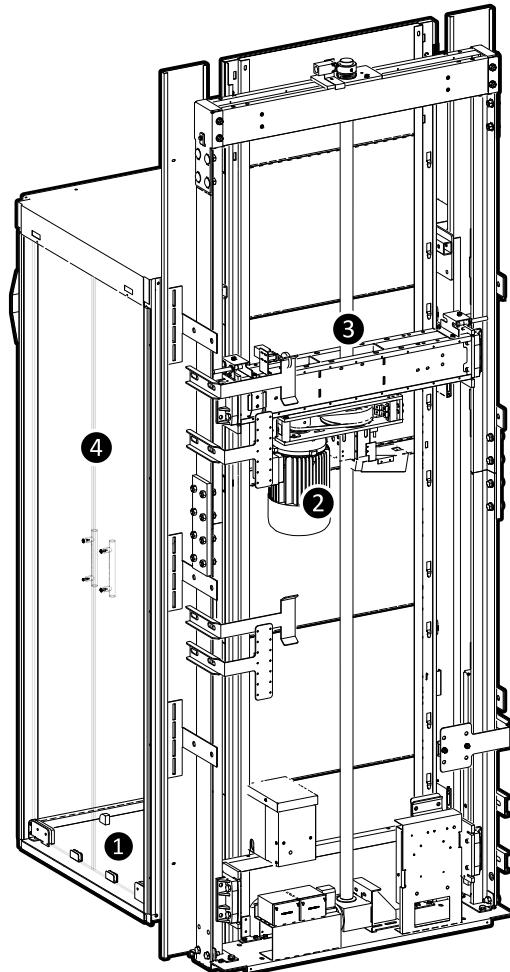
The shaft is made with a panoramic metal frame (glass) in order to become an integral part of the new living area.

Landings on the floors are closed by automatic landing doors. To complement the cabin finishes and improve safety, there are cabin doors ④.

The IconLift lifting platform offers a wide range of installation possibilities with multiple variants that comply with the following reference standards:

2006/42 / EC Machinery Directive;

EN81-41: 2010 European standard for lifting platforms.



**LIFTING ITALIA S.r.l.** goal is to promote the continuous improvement of its products and consequently their technical specifications may be subject to change without notice or commitment.



## 1. LIFT EMPLOYMENT AND OPERATION

### 1.1. NORMAL OPERATION MODE

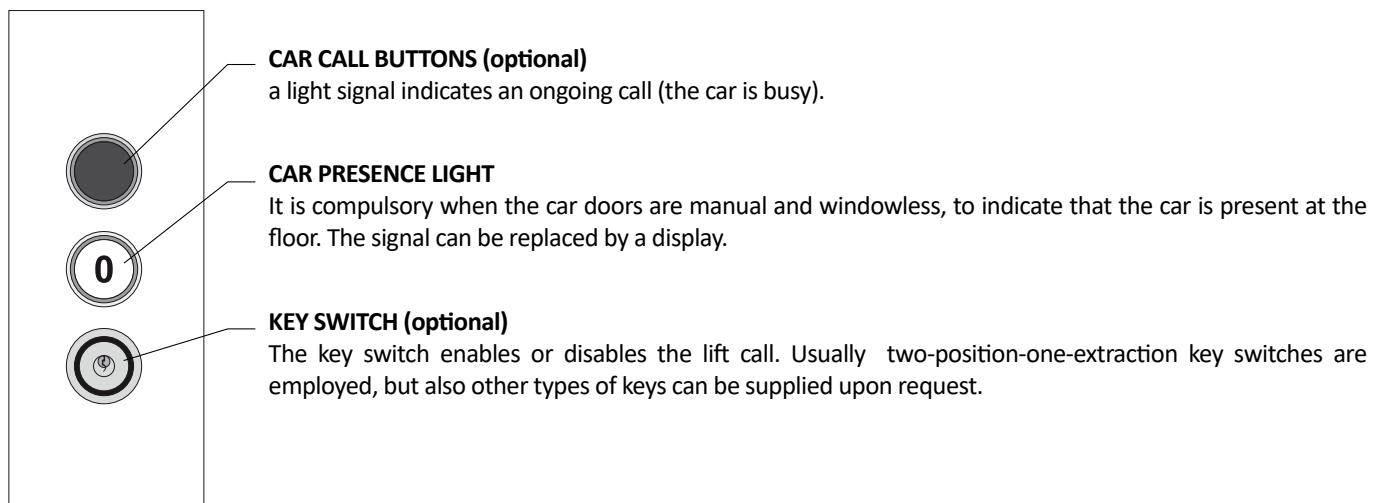
#### INFORMATION

 In normal operating mode, the lifting platform can carry out the platform ascent and descent maneuvers only following the constant and maintained pressure of a maneuver button located in the control points in the cabin (**man-present maneuver**) if there are no doors in the cabin or with fully open cabin doors.  
With car doors completely closed, the maneuver is automatic.

 Car calling maneuvers from the landing, on the other hand, are always carried out by simply pressing a maneuver button located in the command points on the floor (**automatic maneuver**).  
 The control points are the landing pushbutton panels (point 1.1.1) and the car control panel (point 1.1.2).

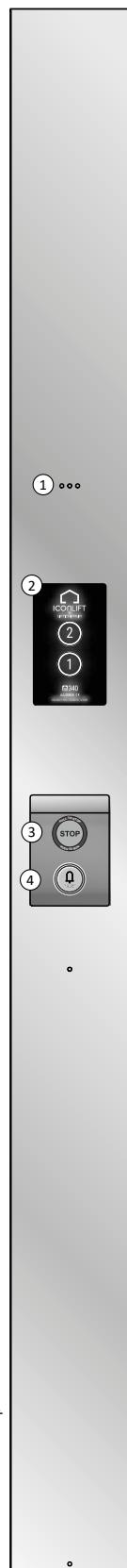
### 1.2. LANDING OPERATION PANELS

Presso i punti di comando ai piani (detti anche pulsantiere di piano) sono presenti:





### 1.3. CAR OPERATION PANEL



The car operation panel is equipped with:

#### 1. BIDIRECTIONAL COMMUNICATION DEVICE (optional)

If the constant monitoring of the platform is guaranteed, it will be possible to replace the bidirectional communication device (remote assistance) with an intercom system. "Constant monitoring of the platform" means that, during the periods of use of the lifting platform, the owner ensures that a person, trained and enabled to perform the emergency lowering operation, is always available to attend the intercom connected to the inside of the platform.

#### 2. TOUCH SCREEN COP (Car Operating Panel)

Icon-Lift is equipped with a touch screen COP for the maneuvering in the cabin, which allows the interface to be customized.

#### 3. STOP BUTTON IN THE CAR

Of "press" type and red color, it interrupts any operation when it is pressed and remains locked until it is voluntarily restored.

#### 4. ALARM BUTTON

La pressione sul pulsante di allarme determina il suono della sirena di allarme.

On the landing door opening, the car lighting turns on automatically and remains on as long as the door remains open or all through the ongoing operation. The car lighting is temporized as the "busy" signal: in the absence of the operation, the car lighting turns off within 5 seconds after the landing door closure.

#### 1.4. OPERATION FROM LANDING OPERATION PANELS

The backlight of the lift call button indicates that the car is present at the floor, the door is unblocked and can be opened (the automatic door opens by itself).

If no light signal is present, a car call can be made from the landing panel. Press the button; in the presence of a key switch, make sure that the key enables the command. The central part of the button will be backlit to indicate that the car is moving: each of the landing operation panels will display the same signal. Upon the car arrival, the "present" light will turn on and the "busy" light will turn off after 5 seconds.

It is not possible to command the lift while the "busy" signal is on.

With the car present at the floor and the door unblocked, it will be possible to enter the car (the automatic doors open by themselves).

On the door opening, the "busy" signal will be activated for all the floors, to indicate the presence of an open door. This signal will turn off 5 seconds after the door closure.

#### 1.5. OPERATION FROM COP

##### AUTOMATIC LANDING DOORS:

Upon pressing the LOP button the "busy" landing signal and the car lighting will be activated immediately.

As soon as the landing and car doors have been closed, the lift can be commanded again, by pressing and holding the required button; on leaving the floor, the "present" signal on the related landing panel will turn off.

#### 1.6. BLACKOUT EMERGENCY OPERATION

##### INFORMATION



The platform lift is equipped with an emergency circuit which maintains the power supply by means of batteries, in case of blackouts. In such situations:

- the emergency car lighting is activated instead of the normal lighting;
- **the operation buttons activate only the descent** to the lowest stop (whichever button is pressed);
- as soon as the lowest floor has been reached, the lift stops and cannot be used until the normal power supply is back.



##### NOTICE



Should the blackout persist for more than an hour, the batteries efficiency should be checked..

Should the emergency descent not be completed upon the first call effected after the power reactivation, the car will go to the lowest floor to return to the initial position. After this operation, the lift will resume the normal function.



### 1.7. EMERGENCY STOP

Should any emergency situation occur, by pressing the STOP button the car will stop and the lift will be blocked; this operation also activates all the "busy" signals on landing panels.

The user can press the Alarm button to ask for assistance.

To reactivate the normal operation mode, it is sufficient to rotate it the direction indicated by the arrow (as soon as the possible reasons of the emergency situation have been identified).

The instructions to be followed are indicated on the adhesive plate beside the COP.

### 1.8. LIFT OVERLOAD

The platform lift is designed to bear the maximum nominal load in relation to the car free surface. Exceeding this value may lead to serious risks for the users and operators' safety and cause damages.

To prevent such situations, an overload device is foreseen on the system. In case of intervention, both light and acoustic signals are activated on the COP, and any car operation is impossible until the overload has been removed.

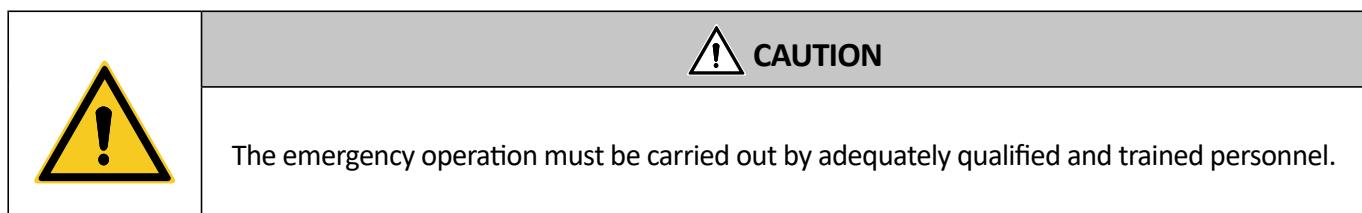
The overload removal reactivates the normal operation automatically.



**1.9. EMERGENCY DESCENT OPERATION**

The following instructions describe the emergency procedure, to be effected whenever the car is blocked between two floors (also with passengers inside) due to reasons that cannot be verified not fixed immediately. In such cases the car must be brought to the lower floor by means of the manual emergency operation.

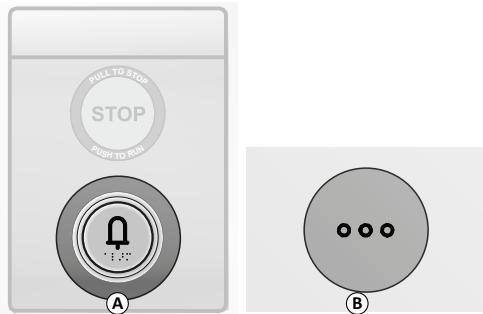
The following instructions, besides being included in this manual, are also located near the DOWN EMERGENCY button located inside the electrical panel for emergency descent.



1. Make sure that all the landing doors are closed;
2. Make sure that no one is present inside the car: should anyone be present, assure the passengers and recommend that they stay away from the car entrances;
3. Identify the car position;
4. Switch off the power supply by operating the main switch located upstream of the electrical panel (general switch of the building);
5. Open the door with the writing "Emergency descent" and press the DOWN EMERGENCY button until the car has reached the lowest floor level (the warning light identifying the DOOR ZONE stop lights up);
6. Evacuate the car;
7. Make sure that all the landing doors are closed;
8. Put the lift out of service;
9. Notify the maintenance company.

**1.10. LIFT FAILURE**

Should the lift not respond further user's commands after a normal stop, check if the landing door is closed correctly and no "busy" signal on the LOP's (or emergency signal inside the car) is present. If, notwithstanding the tests, the lift does not respond the commands, especially if the car is misaligned with respect to the floor level, then the maintenance company is to be notified, since a technical intervention is required.

**1.11. TELEASSISTANCE (recommended option)**

To activate the communication inside the car, press the "bell" button **(A)** inside the S.O.S. plate, hold it for some seconds until the assistance center answers the call. Now, it is possible to speak to an ordinary phone **(B)**.

**1.12. SWITCHING OFF THE LIFT**

Before switching off the lift, make sure that the car is stationary at the lowest floor (so the lift will be re-phased upon the next switching on).

Then, open the power supply circuit and disconnect the power supply.

**AVVISO**

Before switching off the lift, make sure that the car is stationary at the lowest floor.

**1.13. MAINTENANCE AND CLEANING**

The user must verify the following conditions with the recommended frequency.

Daily operations.

COP and LOP buttons integrity and function;  
absence of obstacles which may obstruct correct door closure and lock-off;  
effective door lock-off at the stops where the car is not present;  
control board key-lock.

Weekly operations.

battery efficiency and emergency descent in case of blackout. For this purpose, generate a blackout using the main power supply switch: do not use the driving force main switch (located after the main power supply switch), otherwise the batteries will be disabled as well.

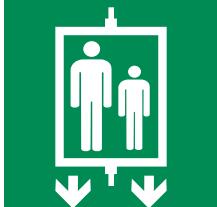
Check the car lighting, car descent using normal operation buttons and car emergency siren .

Upon the power reactivation, the lift will be ready for use.

For ordinary cleaning (car, doors, buttons etc.) do not use sponges or abrasive cleaners, perfumed solvents or alcohol, just a soft damp cloth and neutral soap are necessary.

In case of satinized surfaces, always follow the direction of the finish.

Pay attention to water inlet inside the shaft.

LABELS (ICONS), TEXT WARNINGS	
PICTOGRAMS	TEXT (WITH EXPLANATION)
	<p><b>DO NOT USE LIFT IN THE EVENT OF FIRE</b>            All stop-landings near the lifting platforms must have the securely attached prohibition sign. The character should be at least 50 mm.            This label warns that using the lifting platform in the event of fire is prohibited.</p>
	<p><b>WARNING ELECTRICITY</b>            When the electrical work is carried out during the maintenance of the lifting platform, the lifting platform powering disconnection device AI must be turned off.</p>
	<p><b>CRUSHING OF BODY HAZARD</b>            The label must be attached: the machinery cabinet near the emergency devices, and the enclosure pit must have the label of reduced spaces of the bottom hole in the enclosure pit. This label warns of the danger of crushing — the platform mechanical stop must be set to the operating position before entering the enclosure pit.</p>
	<p><b>EMERGENCY DESCENT</b>            Passenger release instructions are attached to inside of the machine cabinet cover. Passenger release instructions contain information indicating how to release the passengers in a safe and proper manner.</p>
	<p><b>DISABLED PEOPLE</b>            If the lifting platforms are used in public buildings, each stop-landing must have an international symbol of access. The character height should be at least 50 mm. This symbol indicates that the lifting platform is designed for use by disabled persons.</p>



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