

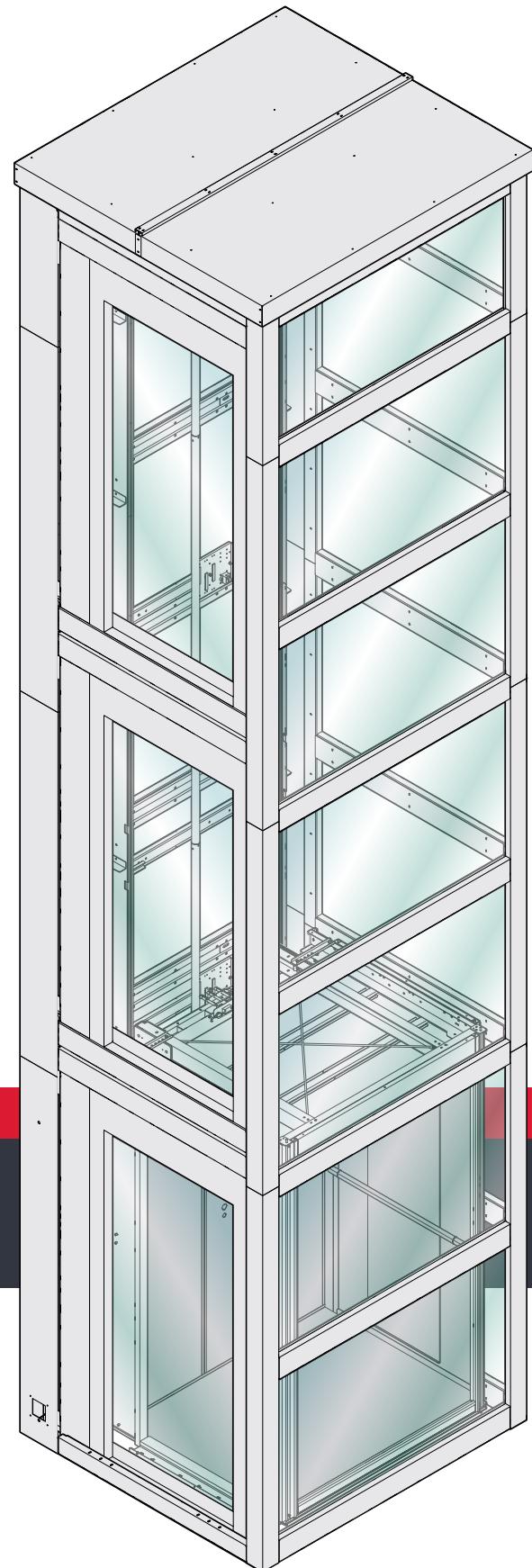
SimpLift®

in Cross 50.2 structure and masonry shaft

*Electric screw driven Homelift
with car*

USER MANUAL

(Rev.0)



sample image



AREALIFTING®

THE VERTICAL MOBILITY MANUFACTURER

PLANT SUMMARY SHEET

DATE:
INSTALLATION NUMBER:
BUILDING ADDRESS:
INSTALLER:
MAINTENANCE COMPANIES:
TESTING BODY:

DEALER/INSTALLER STAMP

0	First Edition	16.01.2022
Rev.	<i>Description</i>	<i>Date</i>

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1. Manual reading guide

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.

1.01. Preliminary information

NOTICE	
	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.

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

RISK LEVEL

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.

2. Information for lifting platform owner

CAUTION	
	<p>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.</p>

The lifting platform must operate in accordance with safe operating conditions.

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

CAUTION	
	<p>The lifting platform owner must inform the lifting platform maintenance service:</p> <ul style="list-style-type: none"> • 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.

NOTICE	
	<p>EN: Translation of the original instructions</p> <p>This product may only be commissioned if these operating instructions are available to you in an official EU language that you understand and you have understood the contents. If this is not the case, please contact your Lifting Italia S.r.l. contact partner.</p>

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

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

The number must be permanently affixed and clearly visible.

CAUTION



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.

- 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.

3. Operation and use of the system

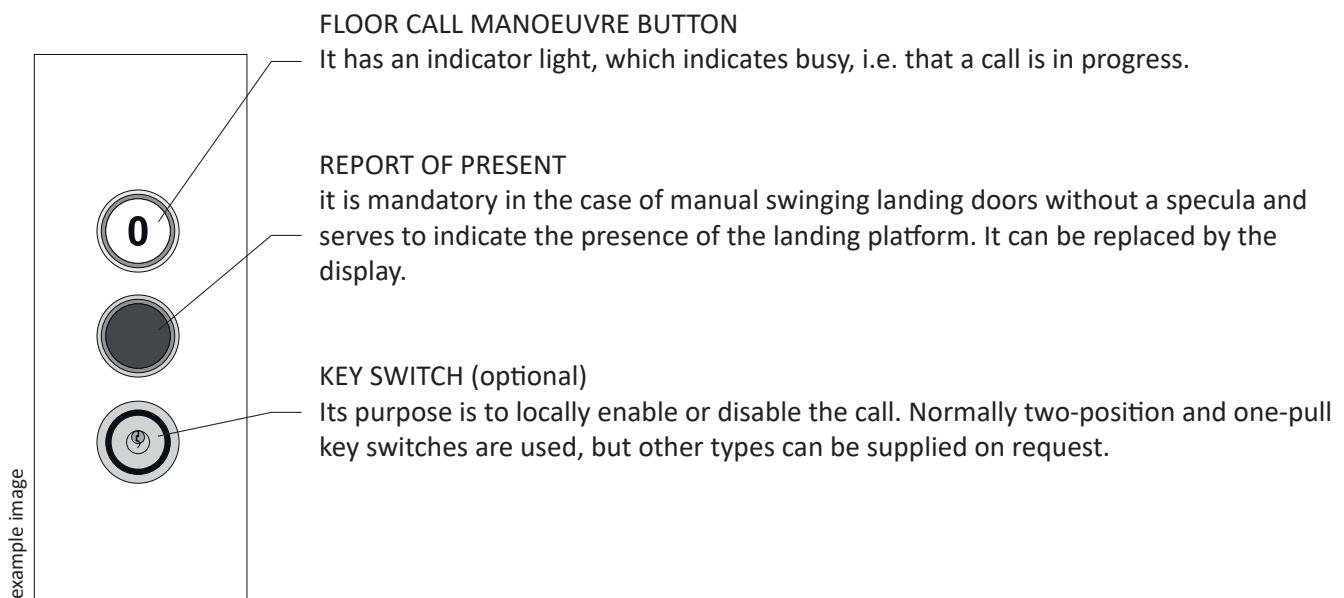
In normal operation, the lift platform can only perform up and down manoeuvres by constant and maintained pressure on a manoeuvre button located at the control points on the platform (deadman manoeuvre).

Instead, platform call manoeuvres from the landing are always carried out by simply pressing a manoeuvre button located at the control points on the landing (automatic manoeuvre). The control points are the landing pushbuttons (see section “3.01”) and the platform control panel (see section “3.02”).

i In the case of remote control, manoeuvres are always carried out with maintained pressure on the button (dead man manoeuvre).

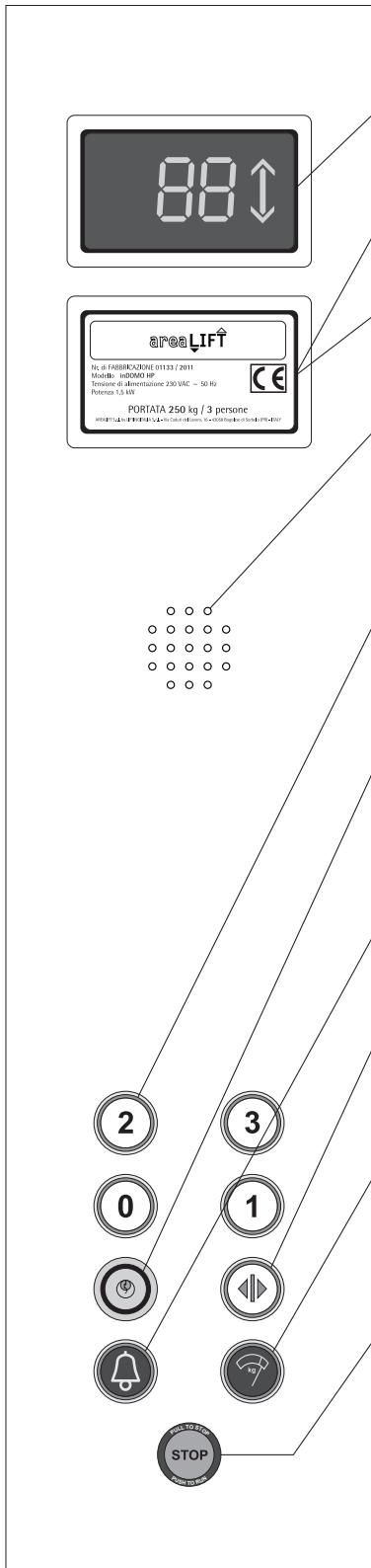
3.01. Floor control panels

The control panel on the floors (floor panel) contains:



3.02. Control panel (COP) in the cab

At the control point in the cabin (also known as the cabin pillar) are



When the landing door is opened, the **car light** is automatically switched on. It remains lit as long as the landing door remains open or as long as a manoeuvre is in progress. The car light is timed in the same way as the occupied signal: approximately 5 seconds after the landing door is closed, if there is no manoeuvre, the light will switch off.

3.03. Manoeuvre from the control panel to the floors

If no signal is lit on the floor, a call can be made and the platform can be brought to the floor. Now press the button; if the key switch is present, check that the key is in the enabled control position. A busy signal will appear on the button crown informing that the system is in movement: this signal appears on all landing push-buttons. When the platform has reached the floor, the busy signal will light up and after about 5 seconds the busy signal will switch off.

For as long as the busy signal is displayed on the floor button, no new manoeuvres can be carried out. With the platform present on the floor, the door is unlocked and it is possible to access the platform (in the case of automatic doors, the door is opened automatically). As soon as the door is opened, the busy signal will light up on all floors to inform the user that a door is not closed. This signal will go out approximately 5 seconds after this door is closed.

3.04. Manoeuvre from the command post in the cabin (cabin WITHOUT doors)

In the case of MANUAL FLOOR DOORS:

When the landing door is opened, the landing busy signal and the car light will come on.

In the case of AUTOMATIC FLOOR DOORS:

Pressing the floor button will switch on the floor busy signal and the car light.

Once the landing door is closed, the manoeuvre can be carried out by pressing and holding down the manoeuvre button of the desired floor; as soon as you are outside the floor, the present signal will switch off at the floor button where you were previously standing.

3.05. Manoeuvre from the command post in the cabin (cabin WITH doors)

In the case of MANUAL FLOOR DOORS:

When the landing door is opened, the landing busy signal and the car light will come on.

In the case of AUTOMATIC FLOOR DOORS:

Pressing the floor button will switch on the floor busy signal and the car light.

Once the landing and car doors are closed, the manoeuvre can be carried out by pressing and immediately releasing the manoeuvre button of the desired landing; as soon as you are off the landing, the present signal will switch off at the landing button you were previously at.

3.06. Operation and manoeuvre in the event of a power failure (emergency)

The lifting platform is equipped with an emergency circuit which, using batteries, keeps the system powered in the event of a power failure. In this situation:

- the normal lighting systems on the platform are switched off and the emergency light is switched on;
- all manoeuvre buttons on the platform only actuate the descent to the lower floor (whichever button is pressed);
- once the lower floor is reached, the system stops and is no longer usable until the mains power supply returns.

NOTICE



After a power failure of more than one hour, it is recommended to check the efficiency of the batteries.

In the event of a prolonged blackout and shutdown of the system after the return of mains power, the platform will go to the lowest floor to acquire its initial position. After this operation, the system will return to normal operation.

3.07. Emergency stop

If for any reason the user on board believes he or she is in an emergency situation, simply pressing the red STOP button causes the system to stop and lock; this operation also causes the busy signals to light up on all the floor pushbuttons.

The user can press the alarm button to call for help.

To restore normal operation, once the reasons for pressing the STOP button have been assessed and resolved, simply unlock it by turning it in the direction indicated by the arrow on the button itself.



The instructions to be followed in an emergency are described on the adhesive plate on the footboard.

3.08. Plant overload

The lift platform is designed for a maximum rated capacity depending on the platform area. If this value is exceeded, the safety of users and operators is put at risk and the system may be damaged.

To prevent this situation, a device is mounted on the system that detects overloading on the platform. In the event of an intervention, the overload signal on the platform panel lights up (and/or sounds) and any manoeuvring is prevented. In this case it is necessary to remove the load as soon as possible, to avoid possible damage to the structure of the installation.

Eliminating the overload automatically restores normal operation.

ATTENTION	
	Always comply with the rated capacity stated on the platform plate. Failure to comply may result in injury to persons and damage to the system.

3.09. Emergency Descent

Below are instructions for carrying out the emergency manoeuvre in the event that the platform becomes stationary between floors (even with persons on board) due to causes that cannot be immediately ascertained or restored. In this case it is necessary to bring the platform back to the immediately lower floor by means of the emergency manoeuvre by hand.

The instructions below are not only included in this manual, but are also placed near the SB-MEM button, located inside the switchboard, for emergency lowering.

ATTENTION	
	Emergency manoeuvres must only be carried out by qualified, suitably trained personnel.



1. Ensure that all floor doors are closed;
2. Make sure there are no people inside the platform: if there are, calm them down and warn them to stay away from the accesses;
3. Locate the position of the platform;
4. Interrupt the power supply by opening the general power supply located upstream of the switchboard (building general);
5. Open the door marked "Emergency Lowering" and press the SB-MEM button until the platform has reached the next lowest floor (the HL-PIA stop light comes on);
6. Get any passengers off the platform;
7. Make sure again that all floor doors are closed;
8. Take the system out of service;
9. Notify the maintenance company.

3.10. System failure

If, after the normal stop at the end of a manoeuvre, the system does not respond to subsequent user requests, check that the landing door is correctly closed and that there is no busy signal on the landing or emergency signal on the platform. If even after these checks the system does not perform any manoeuvre, and in particular if the platform stop level is offset by a few centimetres with respect to the floor level, the malfunction is to be understood as signalling the presence of a fault and the intervention of the maintenance company's specialised personnel is necessary.

3.11. Operation of the remote alarm system (optional extra recommended)

To activate communication from inside the platform, press the button with the bell symbol located inside the S.O.S. plate for a few seconds and wait for the rescue centre operator to respond to the call for help. At this point, dialogue is possible as with a normal telephone system.

3.12. Switching off the system

Before switching off the system, it is necessary to make sure that the platform is at the lowest point (this will ensure that the system will already be repowered the next time it is switched on).

Now switch off the power supply by opening the circuits of the power cabinet.

ATTENTION	
	Before switching off the system, make sure that the platform is on the lower floor.

3.13. User-serviceable maintenance and cleaning

It will be the user's responsibility to check the items described below as often as indicated.

DAILY FREQUENCY
<ul style="list-style-type: none">• integrity and operation of platform and floor pushbuttons;• absence of any obstacles that might prevent the correct approach and locking of landing doors;• effective locking of floor doors where the platform is not present;• locking the operating panel.

WEEKLY FREQUENCY
<ul style="list-style-type: none">• efficiency of the accumulators and the emergency lowering manoeuvre in the event of a power failure. In this regard, the power failure must be simulated by disconnecting the main switch of the system in the power supply panel: do not act on the main power switch (located downstream of the previous one) as this would exclude the batteries required for the descent manoeuvre.• Then check the operation of the platform emergency light, the descent with normal manoeuvre button and the emergency siren.• When power is restored, the system will be ready for operation.

For routine cleaning of the platform and its accessories, landing doors and landing pushbuttons, do not use abrasive sponges or detergents, nor aromatic or alcohol-based solvents, but only a soft cloth with water and a neutral detergent.

In the case of satin-finished materials, always rub in the direction of the satin finish.

	Take care not to spill any water inside the shaft and in the pit.
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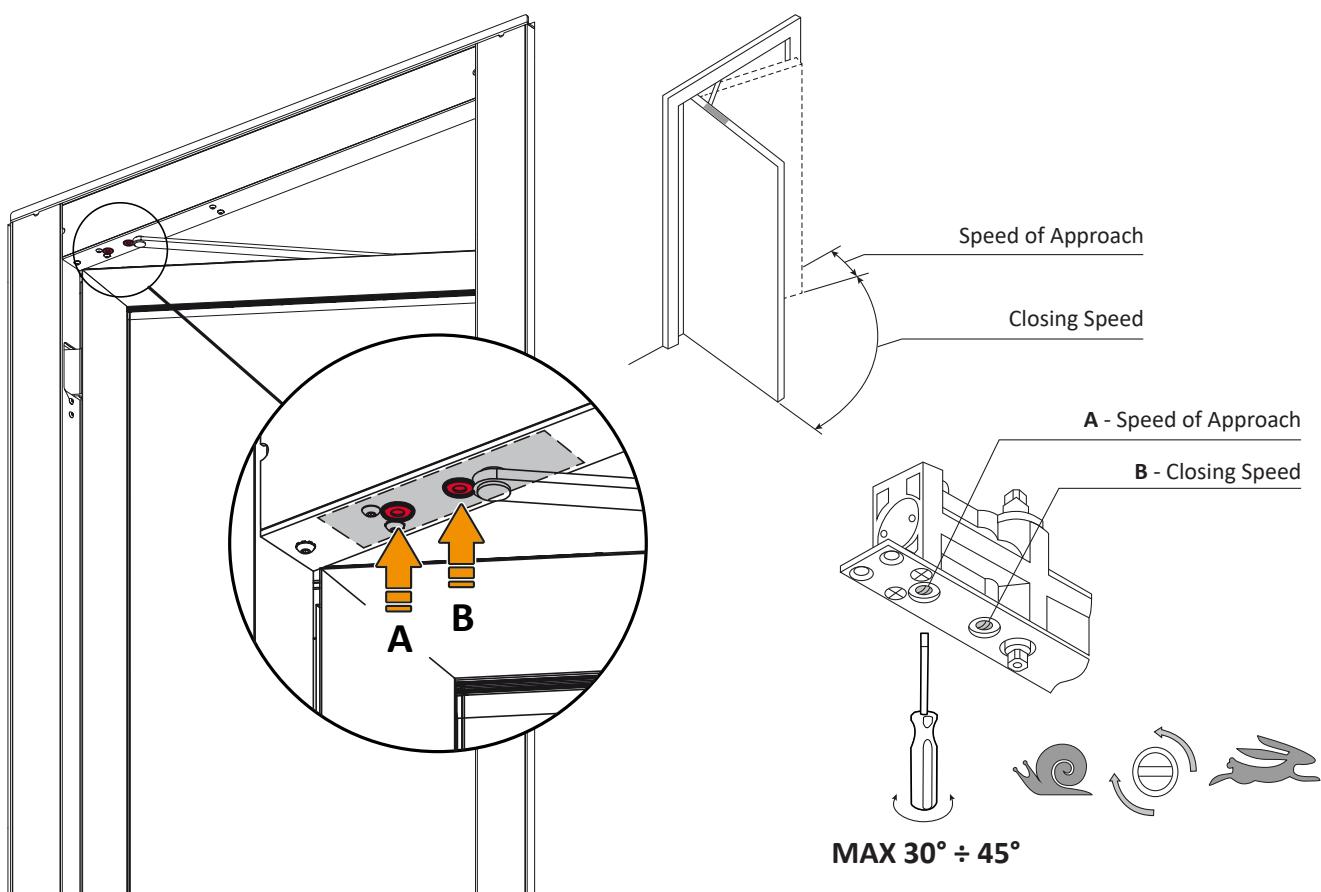
4. “LINE” landing door maintenance - Manual door closer

NOTICE



ADJUSTING THE CLOSING SPEED AND THE FORCE OF THE FINAL STROKE. Usually performed using special screws, **ARE IMPORTANT**, both to adapt perfectly the action of the door-closer to the weight of the door on which it is applied, and to ensure effective operation in all seasons. The viscosity of the internal oil actually changes in relation to the external temperature. **THE ACTION OF THE DOOR-CLOSER IS THEREFORE SUBJECT TO NATURAL SEASONAL VARIATIONS THAT MAY REQUIRE MINOR PERIODIC ADJUSTMENTS**, in order to maintain the effectiveness of the mechanism. The door-closer has 2 different adjustments: the closing speed and the force of the end stroke that is used to overcome the lock latch resistance at the time of closing.

- Adjust the force of the end stroke and then the **Final Speed** according to the weight of the door by rotating screw A no greater than $30^\circ \div 45^\circ$.
- Adjust and periodically check the **Closing Speed** by rotating screw B no greater than $30^\circ \div 45^\circ$.



5. Labels: pictograms and text warnings

PICTOGRAMS	TEXT (WITH EXPLANATION)
	<p>DO NOT USE THE PLATFORM IN CASE OF FIRE <i>This label warns that the use of the lifting platform is prohibited in the event of a fire.</i> All landings/accesses of the platform must have a securely-fixed prohibition sign. The pictogram should be at least 50 mm in diameter.</p>
	<p>WARNING ELECTRICITY <i>This label warns of the risk of electrocution.</i> Always disconnect the safety switches (set to OFF) before carrying out any service that requires access to electrical parts (authorized personnel only).</p>
	<p>CRUSHING OF BODY HAZARD <i>This label warns of the risk of crushing.</i> Apply the label in the machine compartment, near the emergency devices and in the areas under the platform. Set the platform mechanical stop system to the maintenance position before entering the machine compartment (authorized personnel only).</p>
	<p>EMERGENCY DESCENT <i>This signal indicates where the emergency descent instructions are located.</i> Emergency descent instructions (to free passengers safely and correctly) are located inside the machine compartment (authorized personnel only).</p>
	<p>INTERNATIONAL SYMBOL OF ACCESSIBILITY <i>This symbol indicates that the lifting platform is designed for the transport of passengers in wheelchairs and/or with reduced mobility, with or without a companion.</i> When lifting platforms are used in public buildings, each landing/access point to the platform must have an international symbol of accessibility. The height of the pictogram should be at least 50 mm.</p>



Via Caduti del Lavoro, 16/22
43058 Sorbolo Mezzani (PR)

Tel. +39 0521 695311
info@arealifting.com
www.arealifting.com

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