

AL-SUS STEP LIFT USER GUIDE

AL-SUS Technologies Pte Ltd
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THANK YOU FOR USING AL-SUS STEP LIFT!

In order to ensure a smooth and safe riding experience for the user, please read through this user guide, to understand and familiarise the appropriate use and maintenance of the Step Lift. Kindly contact us directly for regular maintenance and periodic overhaul (where necessary), for the optimal performance, condition and lifespan of the Step Lift.

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TURN ON AND OFF



TURNING ON

- 1 Open the control cabinet and set the power switch to the ON mode.
- 2 Close the control cabinet and lock it.



TURNING OFF

- 1 Ensure that the platform is at a retracted position.
- 2 Open the control cabinet and set the power switch to the OFF mode.

HOW TO USE



- 1 Press the “up” or “down” button to call for the carriage.

The platform will flap out for boarding.

2



- 3 Stand firm on the platform to start travelling.

Push the handrail's lever to go up or down.

4



- 5 The carriage will start moving gradually. Continue to hold on the lever while travelling. The carriage will stop moving once the lever is released.

Upon reaching the desired landing, the unit will slow down and come to a complete stop for alighting. Move on to the next unit (where necessary).

6



IMPORTANT NOTE

Hold firm to the handrail when travelling, do not attempt to fool around when travelling. Special care should be provided to elderly, children, pregnant women and frail persons when travelling.

AL-SUS STEP LIFT - MAIN FEATURES

Safety buckle

Affix the safety belt around the user and fasten the belt with the safety buckle as an extra safety feature.

Handrail

Anti-slip and calculated length to ensure firm and comfortable grab during travelling.

Lever button

Push the lever to move the carriage upwards or downwards, user has the 100% control.

Call button

Platform will flap out once call button is pushed.

Structure

Slim structure of 15cm wide, with no protruding portion when platform is retracted. No obstruction to walkway and prevents safety hazard.

Platform

The platform is in a retracted position when not in use. Especially in case of power failure, the safety device will trigger the platform to retract to prevent walkway obstruction and safety hazard.

Sensors

Located at 2 sides of the platform, the sensors will signal the carriage to stop travelling in the event there are obstacles sensed.



Portable chair

Based on the user's requirement, portable chair is available. The chair can be detached when not in use. Below are some designs for reference.



Call button



Once the call button is pushed, the carriage will travel up with platform flap out upon reaching the landing for user's boarding.

Smart function



With built in safety features to ensure safe use of Step Lift.

Cladding material



Mainly stainless steel finishing, with different type of finishing and colour to choose from, to suit the surrounding / home deco.

Concealed design



The unit is designed to be 100% concealed with no exposed opening.

Smart travelling



When travelling on the first unit from level one to the landing, the next unit's carriage will be at the same landing preparing for arrival. Upon reaching at the landing, the next unit's platform will flap out for onward travel.

Users' safety is our core consideration. Our product is carefully designed and manufactured in ensuring that the Step Lift is completely safe and easy to use. We set high standards and aim to provide world class product and services.

AL-SUS Step Lift is a vertical transportation device in the form of a moving carriage, seated along with the staircase, that carries people between floors of a building.

It consists of a motor-driven carriage step guided by cables that remain horizontal. The unit has an extremely slim structure with a width of 15cm when the carriage is not in use. The platform will be in a retracted position and along with the handrail, the carriage shall be homed at the landing.

Each of the upper and lower portions of the Step Lift is provided with a call button, and two lever buttons located at the top and bottom edges of the handrail respectively.

MAIN TECHNICAL PARAMETERS

MODEL
AL-SUS17-01

POWER
560 W

VOLTAGE
Single phase - 220V

FREQUENCY
50 Hz

CONVENTIONAL
OPERATING
SPEED
 20 ± 5 cm/s

MAXIMUM
LOAD
CAPACITY
150 kg

OPERATING NOISE
< 65 db

PRECAUTIONS WHEN USING AL-SUS STEP LIFT



Do not exceed
load limit

Do not jump/
hop on the
platform



Do not attempt
to change
the electrical
settings
parameters

In case of
fire and/or
earthquakes,
do not use the
Step Lift



Keep the Step
Lift away from
water/high
humidity areas

GENERAL MAINTENANCE AND TROUBLESHOOTING

General maintenance:

1. Prior to operation, trial run the unit for at least one round to ensure there are no abnormalities.
2. Always maintain good housekeeping and cleanliness of the unit, in particularly at the platform gap and along the bottom crevice between the curtain and the skirting. Please ensure these areas are free from trash.
3. Ensure that the platform is in the retracted position before switching off the power supply (where necessary).

IN EVENTS OF BREAKDOWNS

Immediately notify the
company maintenance
department, do not attempt
to self-repair.

Users are not allowed to modify/tampered
with the Step Lift.

The company shall not bear any
responsibilities or held liable in the events of
failure and/or accidents deriving from self-
repair / modification / tampered unit.

SAFE USE OF AL-SUS STEP LIFT

1. Do not let any child to operate the Step Lift alone.
2. As an extra safety feature, belts are available for elderly, disabled users (optional) for better safety.
3. Please refrain from travelling the Step Lift while lashing a pet.
4. Be aware of possible tangling of sleeves, cuffs, pockets to the Step Lift's handrail if the user is wearing loose clothes.
5. Do not place any flammable, explosive or corrosive items on the platform.
6. Always keep the Step Lift dry and free from water. Do not travel with wet umbrella, raincoats, etc. During cleaning of the staircase, please prevent water / cleansing detergents from seeping into the interior part of the Step Lift which may cause short circuit and electrical failure.
7. If the user is carrying goods while travelling, ensure that the goods do not obstruct and affect the user's standing position. Ensure no overloading of goods and the goods length shall not exceed two-thirds of the Step Lift's length.
8. Do not exert pressure on the call button(s). Prohibit the use of sharp or hard objects (such as umbrella tip) to hit on the button(s), as it might cause severe damage to the call button(s).
9. Before boarding of the platform, wait for the platform to be fully flapped down. Do not manually force the platform to flap down and/or step on the platform before it is completely flapped down.
10. Be aware of possible tangle of crutches, high heels etc.
11. Prohibit from littering / throwing coins, nuclear and/or foreign objects into the Step Lift. In the event that the user has accidentally dropped something into the Step Lift's crevice, please do not act or attempt to remove by himself / herself. Notify immediately our maintenance team to help to deal with such situation.
12. Do not jump, hop, or make vigorous movements on the platform as it might affect the safety device and cause malfunction to the normal operation of the Step Lift.
13. Please upkeep the Step Lift with care, always keep the Step Lift clean in order to prolong the lifespan of the unit. Do not tamper and/or taint with any parts of the Step Lift.
14. In case of abnormal operation of the Step Lift, (such as platform is unable to retract, abnormal sound or vibration, scorched smell, etc.), stop immediately, switch off the unit and notify our maintenance team to investigate / troubleshoot. Do not conduct self-repair.
15. In the event of flood and/or rupture of building's water pipes, do not use the Step Lift.
16. The Step Lift's keys are customised made, and are designed solely for the AL-SUS Step Lift. The keys shall only be accessed and used by trained personnel. Hence, please ensure proper custody of the keys and duplication is strictly prohibited.
17. Unauthorized dismantling of the Step Lift parts and accessories are strictly prohibited. It will also cause Step Lift to malfunction and/or electric shock.
18. As the Step Lift is a moving device, anyone found to be misusing and/or travelling dangerously should be warned and explained of the potential danger.



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