

MIDILIFT CL/CLS

USER HANDBOOK

IMPORTANT

Before using your Stannah Midilift CL/CLS platform lift, please ensure that you read and familiarise yourself with these instructions.

Stannah

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INTRODUCTION

Important — please read

Thank you and congratulations on purchasing a Stannah Midilift platform lift.

Before using your lift, you should read this User Handbook to provide an understanding of the correct and safe use of the lift.

Your platform lift has been installed and CE marked in compliance with the Supply of Machinery (Safety) Regulations 2008 (2008 No. 1597) and complies to the relevant parts of the 2006/42/EC Machinery Directive.

It is important that you arrange for the lift to receive regular inspection and servicing by a competent person at intervals of at least every six months, after the guarantee period. A Service Log Card supplied with the lift will be completed after each service visit. Failure to ensure servicing is carried out could lead to unreliable or unsafe operation.

For all enquiries regarding servicing, please contact your local Stannah Service Branch.

For your records:

INTRODUCTION

LIFT SAFETY—YOUR RESPONSIBILITIES

Am I legally obliged to have my lift maintained?

Yes. The general duties imposed by The Health and Safety at Work etc Act 1974 supported by Provision and Use of Work Equipment Regulations 1998 (PUWER) regulations 5 & 10 mean that you are obliged to keep your lift in safe working order. This means you must arrange for regular maintenance of your lift.

Am I legally obliged to have my lift Thoroughly Examined?

Yes. Regulation 9 of the Lifting Operations and Lifting Equipment Regulations 1998 (LOLER) requires that a lift undergoes an inspection/thorough examination by a competent person at regular intervals (twice a year for passenger lifts, once for goods lifts or according to the lifts' situation) and applies to all lifts and lifting equipment used at work.

I have a lift in my building. What do I need to do?

You should arrange for the lift to be maintained (regularly serviced and kept in good repair) and, if the lift is in a place of work, thoroughly examined at intervals in line with legislation.

What is the difference between 'Maintenance' and 'Thorough Examination'?

Maintenance is the regular servicing of the lift, encompassing the routine adjustment to components, replacement of worn or damaged parts, topping up of fluids and so on, and should be carried out by an experienced and competent lift company, such as Stannah Lift Services Ltd. Maintenance is carried out to ensure the lift runs efficiently and safely.

Thorough Examination is the systematic and detailed visual inspection of the lift and all its associated equipment and would usually be carried out by a third party, or an appointed 'competent person'. Thorough Examination provides a good check that maintenance is being carried out properly. It focuses entirely on the safety of the equipment.

Authoritative guidance on Thorough Examination as required by Lifting Operations and Lifting Equipment Regulations 1998 (LOLER) can be found in The Guidelines for Supplementary Testing of In-Service Lifts published by SAFed. Thorough Examination may also be referred to as Form 54 or F54 inspection – the code given to the form prescribed by repealed Factories Acts. Although no longer prescribed, the term remains in use. Other common terms used are: periodic inspection, statutory inspection (because it is required by law) or insurance inspection (inspections were often on behalf of insurance companies).

Do I have a responsibility for trapped passengers?

Advice on this can be sought from your local Stannah Service Branch.

INTRODUCTION

PRODUCT LIFE EXPECTANCY

Product life expectancy depends largely on the environment, usage and the undertaking of proper scheduled maintenance. Our platform lift products are designed and life tested for a full life cycle of 10 years without major intervention. In most cases, we would expect our lifts to last far beyond this, providing they are properly cared for and maintained.

We have a number of platform lifts on our service portfolio that were installed from the late 1990s. The earliest of the platform lifts we've installed are approaching 20 years in service.

Actual life expectancy of a lift depends on a number of factors, including:

- The load the lift actually carries on each journey
- The actual lift travel, as this determines the journey time and hence wear on the drive system
- The number of floors served by the lift
- The level of usage of the lift and whether this changes over time
- The environmental conditions that it operates within
- The quality of the servicing and maintenance

We ensure that spare components are available for at least 10 years following the installation of any lift but many will be available far beyond this. There are a number of component parts that may require replacement during its life cycle and you will be advised of this as part of your lift servicing schedule.

SAFETY INSTRUCTIONS

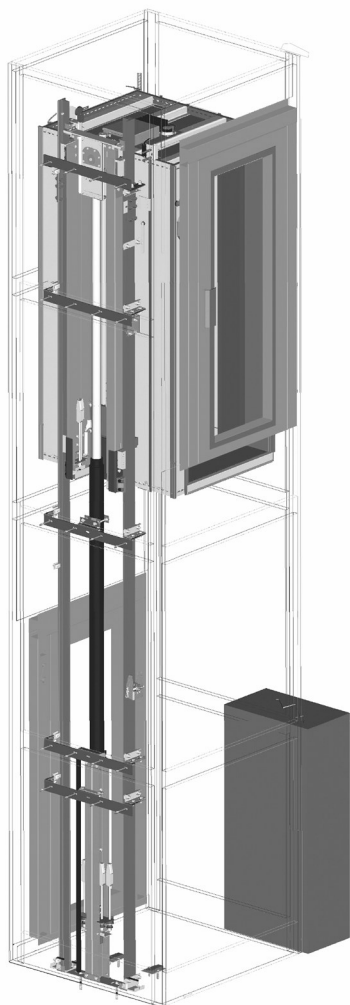
- The lift must not be overloaded. The maximum rated load is displayed in the cabin, on the operating panel.
- A Midilift may be used for the occasional transportation of light goods e.g. stationery, luggage etc., subject to lift/building owner carrying out a risk assessment.
- Like all vertical platform lifts, the Midilift is not designed to move large numbers of people quickly and frequently. The maximum recommended usage, or duty rating, for the Midilift is:

Midilift CL	385kg	30 starts per hour
	315kg	35 starts per hour
	250kg	40 starts per hour
Midilift CLS	400kg	30 starts per hour
	325kg	35 starts per hour
	250kg	40 starts per hour

- The emission sound pressure level of lift users is not expected to exceed 63dB(A).
- Children should not be allowed to tamper or play with the lift.
- The lift shall not be used for fire fighting or evacuation during fire.
- Check that the doors are free from obstruction when opening.
- If the cabin does not have cabin doors they will be replaced by photoelectric barriers covering the entire surface of the door. The barriers will stop the movement of the platform if they detect any object that crosses it. If the obstacle is cleared, it's necessary to press and hold the required floor button again on the lift cabin for the cabin to move.
- DO NOT SMOKE inside the cabin.
- A 'Lock Release' key will have been left by our installers, it is for use by trained lift engineers only—**do not attempt to use it yourself.**
- Daily checks should be carried out by a person who is competent to do so to ensure that:
 - landing doors cannot be opened when the platform is not at the same level and
 - the platform cannot travel without the doors closed and locked.
- If the lift is unused for an extended period of time it should be switched off when positioned at the lower level. Ensure that all doors are securely locked.
- You should not attempt to dismantle or remove any parts of the platform lift. Such work should be entrusted only to competent personnel with the relevant expert knowledge and training.

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MIDILIFT CL PLATFORM LIFT



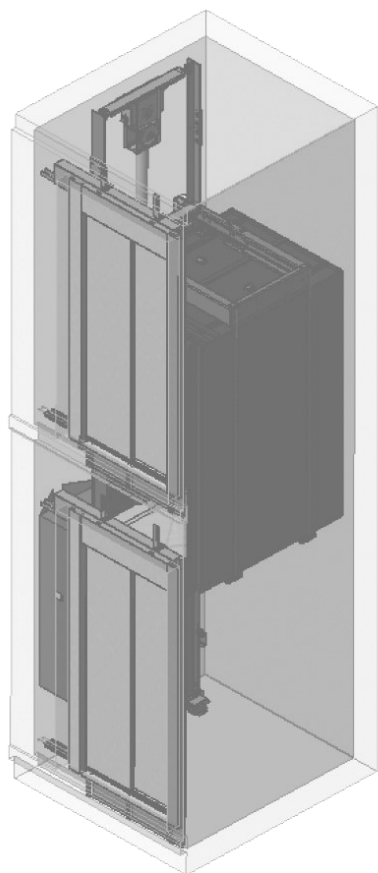
The Midilift CL is a platform lift with a full height cabin and hinged door. It can be in a structure or wall-mounted.

A Midilift CL platform lift is intended primarily for the transportation of people.

It has a hydraulic drive with a separate cabinet.

- Rated load: from 250 kg to 385 kg.
- If the rated load is exceeded in the cabin, the equipment has a pressure switch that will prevent the movement of the lift.
- The transmission ratio is 2:1 with pulley and cables to transmit the movement of the piston to the cabin.
- The lift has a backpack chassis that supports the cabin.
- The chassis and therefore the cabin are moved by two vertical guides in the form of a "T".
- The cabin can have cabin bus doors or electronic safety barriers.
- The cabin roof is practicable and can be used for the maintenance of the final stop (only by qualified lift personnel).
- Nominal speed: 0.15 m/s.

MIDILIFT CLS PLATFORM LIFT



The Midilift CLS is a platform lift with a fully enclosed cabin and sliding car & landing door. It can be in a structure or wall-mounted.






A Midilift CLS platform lift is intended primarily for the transportation of people.

It has a hydraulic drive with a separate cabinet.

- Rated load: from 250 kg to 400 kg.
- If the rated load is exceeded in the cabin, the equipment has a pressure switch that will prevent the movement of the installation.
- The transmission ratio is 2:1 with pulley and cables to transmit the movement of the piston to the cabin.
- The lift has a backpack chassis that supports the cabin.
- The chassis and therefore the cabin are moved by two vertical guides in the form of a "T".
- The cabin and landing have automatic sliding doors.
- The cabin roof is practicable and can be used for the maintenance of the final stop (only by qualified lift personnel).
- Nominal speed: 0.15 m/s.

LIFT OPERATION

LIFT OPERATION USE AT-A-GLANCE

	Landing button	Installed on the landing operating panel. Used to call the lift.
	Car button	<p>Use to select floor of travel in the cabin. Depending on the lift model it will either have automatic one touch control or constant pressure operation (see model variations on pg. 8 & 9).</p> <ul style="list-style-type: none"> • For automatic one touch control - press once for operation • For constant pressure (hold to run) - press and hold for operation. If the user stops pressing the button the lift will stop until re-pressed.
	Car alarm button (yellow)	In the event of emergency or difficulty, help can be alerted by continuously pressing the yellow alarm button.
	Emergency STOP button (red)	<p>Press to STOP the lift in emergencies</p> <p>Once activated the lift will not receive any calls, from either car or landing buttons. To deactivate the emergency stop button, turn it by following the arrows marked on the button.</p>
	Car keyswitch	FOR USE BY AUTHORISED PERSONNEL ONLY

KEYSWITCH OPERATION (OPTION)

Isolating the whole lift

If fitted, a keyswitch can be used to isolate the lift. By turning the keyswitch to the 'Off' position the whole lift can be isolated to stop it being used.



Isolating at the landing level

If the keyswitch has an 'Off' position then this can be used to only isolate the button at that landing. This option means that the lift can be only be accessed by those with the key.

Resuming normal lift operation

Turn the keyswitch to 'On' to enable use of the lift again and allow five seconds for the lift to reset.

LIFT OPERATION

SAFE LOADING AND UNLOADING

When entering or exiting the cabin users must pay attention to avoid snagging clothes, jewellery, bags, packages etc with landing doors. Users should not stop on the entrance door threshold.

SAFE LANDING ACCESS

Access to the cabin entrance must be kept clear at all times. Avoid placing obstacles such as dangerous steps or objects at the landing entrance as their presence can cause risks to users.

LIFT OPERATION FROM THE LANDING

- Press the landing button (typically located in the frame of the door). Users only need to press the button once to call the lift car.
- As the button is pressed, the light around it will illuminate acknowledging its activation.
- The doors will open either *automatically* or *manually* (depending on model) when the lift car is located on the floor level where the user is located

For CL models, please note:

- If the lift is at the same level, the door will unlock allowing the user to manually open the door and enter the lift car.
- If the lift is at a different level, the button will remain illuminated and the lift will be called to the landing that the button is pressed.
- When the platform arrives, the door will unlock allowing the user to manually open the door and enter the lift.



Please note the faceplates may differ slightly from the picture.

LIFT OPERATION FROM THE CABIN (CL MODEL)

- When the lift door is closed and locked, the lift is ready to move.
- Standing in front of the car operating panel, press the button for the level that you wish to travel to.
- The button will illuminate.
- During lift travel, be aware of moving parts around you and ensure that any loose items and passengers are away from any open sides of the lift cabin.
- Upon reaching the destination floor, the door will unlock for five seconds giving the opportunity to exit the lift.
- If the door should lock again simply press the floor button relating to the floor you are at and it will unlock again.

LIFT OPERATION

LIFT OPERATION FROM THE CABIN (CLS MODEL)

- When the lift door is closed and locked, the lift is ready to move.
- Operate the button of the level that you wish to travel to.
- The call button will remain illuminated.
- Be aware of moving parts around you and ensure that any loose items and passengers are away from the cabin doors.
- Once the lift arrives at the required destination the doors will automatically open.

EMERGENCY LIFT ALARM

In the event of experiencing difficulty in the lift, help can be alerted by continuously pressing the **yellow alarm button**. This action will ring the intercom handset elsewhere in the building, when answered, two-way communication is possible and the button can be released. **



*** Intercom is the standard communication supplied with the lift. In some situations an automatic dialling system may be in place. If so, instructions are provided on the console and over the speaker. The system will dial predetermined phone numbers to put you in contact with someone able to assist trapped passengers.*

IN THE EVENT OF POWER LOSS TO THE LIFT

During power loss the lift will revert to a battery back up supply fitted on the lift. This battery will maintain the power to the emergency lighting, buttons, digital display and door locking. If fully charged it will do this for one hour.

During power loss the lift can only travel in the down direction.

In the event of power failure during use:

- Place a call to the lowest landing.
- The door will unlock and the user can exit the lift.
- Turn the landing keyswitch to the 'Off' position until power is reinstated.

LIFT FEATURES

The following provides an overview of the features on your cabin platform lift.

AUTOMATIC DOORS (CLS MODEL)

On the first operation, i.e. after lift power on, the automatic door will open and close very slowly. This function allows the system to learn its surroundings and calibrate its stopping positions. Following this automatic calibration the door will open and close at normal speed. If the door meets any obstruction during subsequent operations the door will stop, reclose and open at the slow speed. Door open and unlocking times can be adjusted if required. Please speak to your lift engineer if the doors require adjustment.

COMMUNICATION DEVICES

- **INTERCOM** - The intercom is supplied on the standard product and allows the user to connect with someone within the building in the event of an emergency. The alarm button on the lift console 'rings' the handset that is placed in a suitable location in the building. Once the handset receiver is picked up, and a 2 way conversation can take place.
- **AUTODIALLER (OPTION)** - When the alarm is pressed the autodialler will automatically phone out to the programmed emergency numbers. The autodialler is situated on the control panel. If requested, the autodialler can be installed with an induction loop for the hard of hearing. Phone number changes have to be performed by a lift engineer.
- **TELEPHONE (OPTION)** - A dedicated phone line will be situated on the cabin control panel, enabling the user to phone out in an emergency.

Note: With all communication systems it remains the responsibility of the building owner to ensure effective measures are in place to deal with the possible outcome of users being trapped inside the lift. i.e. Who could be using the lift? Could it be out of normal hours? Are the systems regularly tested? Etc...

DIGITAL DISPLAY OPERATION (OPTION)

The digital display will visually indicate lift operation, floor numbers and arrows to the user. In the unlikely event of the lift obtaining a fault, the display may be used to present fault codes to aid fault finding for the engineer. If these are observed please make a note of them to communicate to the engineer upon arrival.

FIRE ALARM SHUT DOWN

Some buildings have a lift interface for the fire alarm system. When activated, the lift will automatically travel to the lower/designated floor should a fire alarm occur, all calls will be disabled and the car door open button will still operate allowing users to exit the lift.

RESPONSIBILITIES OF LIFT OWNERS NOT PART OF STANNAH'S CONNECTED SERVICES

Lift owners must ensure the installation and operation of a suitable phone line or GSM system, as required under EN81-28, for each lift. The system must allow 2-way communication from all locations as described above. Neglecting this requirement will result in the lift being shut off due to the heightened risk of passengers being trapped without the ability to raise the alarm in the event of a lift breakdown.

LIFT FEATURES

OVERLOAD CONDITION

The lift will have a maximum load rating stated. If the load limit is exceeded, the alarm buzzer and light signal is activated. The lift remains stationary as long as the buzzer remains active. Once the excess load is eliminated, the cabin will be operational again.

ROOF FAN (OPTION)

Where required, a fan can be fitted into the roof, drawing in fresh air to increase circulation in hot climates.

SAFETY EDGES (CL MODEL)

The cabin lift has safety edges fitted to protect the user from moving parts of the lift. The protection is provided by two different methods:

Light curtain protection

This is provided by sensors fitted on the vertical plane of the lift entrances. If interrupted during travel, the lift will stop moving until the obstruction is cleared.

Mechanical safety edge

This is provided by a metal strip at the bottom and top of the lift entrance. If depressed during lift travel the lift will stop moving until the obstruction is cleared.

EMERGENCY PROCEDURE

EMERGENCY RELEASING PASSENGERS

The instructions for performing a rescue if a person is trapped in a cabin depend on the situation, where either the user can rescue themselves or require competent and trained personnel to carry out the rescue.

RESCUE FROM INSIDE THE CABIN (only with the automatic rescue option)

In the case of a power outage, the cabin emergency light will switch on. The lift will detect the power outage, enable automatic rescue, activate the emergency batteries and take the cabin to the next lower floor, allowing the user to leave the cabin.

RESCUE FROM OUTSIDE THE CABIN

If the user is trapped inside the cabin and there is no automatic rescue option.

- If the entrapment is caused by a power outage, the emergency light button in the cabin will turn on. The user must press the yellow alarm button to notify others of the situation through the equipped communication device. This is so they can come to their aid and try to operate the lift using the landing buttons. If the lift is not working, the person outside must contact qualified lift personnel to perform an emergency rescue.
- If fitted with an autodialler the user will raise the alarm through a phone line or communication system (using the same yellow button) to raise the alarm.

RESCUE BY AUTHORISED PERSONNEL

If the user is trapped between two floors and rescue has not been possible from outside, the authorised personnel must refer to the rescue instructions located in the control cabinet.

The rescue must be performed in the following steps:

- Switch OFF the lift mains electrical supply.
- The cabin must be brought to the level of the floor closest to the stopping position.
- If it's necessary to lower the cabin, press the Emergency Button, which opens the valve and makes it possible to lower the cabin at a very slow speed; hold it down until the door zone LED lights up.
- If it's necessary to raise the cabin, operate the pump by hand until the door zone LED lights up.
- Use the triangle key to open the door that matches the position of the cabin.
- Be aware of the risk of falling through to the shaft under the cabin protection apron when the passenger exits the cabin.
- If there is a cabin door, open manually.
- Once the process is finished, close the door again. Immediately notify the Service Branch, leaving the main switch switched off until the appliance is operational again.

USE OF THE EMERGENCY KEY IS RESTRICTED TO COMPETENT PERSONNEL

LIFT CARE

The following lift care procedures carried out regularly will help to keep your lift in good condition:

- Paint finishes and panels should be cleaned with a damp soft cloth and mild detergent. Ensure that excess water is squeezed out prior to cleaning. Pressure washers should not be used.
- Vinyl skin plate and laminate boards should be cleaned with a soft cloth using a furniture polish aerosol.
- Stainless steel components should be cleaned with a soft cloth, using baby oil or a propriety stainless steel cleaner and then wiped off with a dry, lint-free cloth.
- Mirrors should be cleaned with a soft cloth and any glass cleaning fluid.
- Flooring should be cleaned with a damp cloth and mild detergent. Ensure that excess water is squeezed out prior to cleaning.
- Never leave objects resting against the doors, door frames or car finishes.
- For outdoor installations and coastal high saline environments, the servicing frequency remains the same. However additional monthly routine care must be introduced, this can be undertaken by either the lift owner, or service company, and includes:
 - Completing one full cycle of the lift operation.
 - Cleaning of paint work with a damp soft cloth and mild detergent.
 - Removal of any debris or leaves in the lift car, structure or surrounding enclosure.
 - Inspection and reporting of any vandalism or misuse which has resulted in damage to the protective surface.

NOTES

WARRANTY GUARANTEE

Our Guarantee

Stannah Lifts Ltd is pleased to guarantee our materials and workmanship, and provide a maintenance and breakdown service, supplied by our sister company Stannah Lift Services, for a period of 24 months from installation completion and handover of the lift, as follows:

- We'll provide regular planned maintenance visits at the frequency agreed in the contract, subject to suitable access to the lift within normal working hours.
- We'll provide a full breakdown service within normal working hours, unless caused by misuse, abuse, accidental damage or other matters outside of our control, in which case it will be chargeable. Normal working hours are Monday to Thursday 8.00am to 4.45pm, Friday 8.00am to 3.45pm. Evening and weekend breakdowns will be charged at a premium rate, unless included in the service contract.
- Should any defect in workmanship or material become evident within such period or in any part delivered under this contract, we undertake to repair or replace the defective part, as soon as possible during normal working hours.
- Our guarantee doesn't cover repairs, replacements or adjustment which may be required as a result of ordinary wear and tear, wilful or accidental damage, misuse, neglect or any other cause beyond our control.
- Lifting platforms must be regularly serviced by a technically competent Lift Engineer. For the external option, we require that at least four service visits are carried out at regular intervals annually to preserve the warranty. Claims cannot be accepted for corrosion that occurs as a result of misuse, neglect, unauthorised alterations or improperly repaired paintwork.
- The contact details of your nearest Service Branch is on the 'Completion Notice' and a full list of service branches is on our website www.stannahlifts.co.uk.

The guarantee is subject to the following conditions:

- The lift has been formally handed over and the 'Completion Notice' is signed.
- All outstanding monies have been paid to us.
- No other lift company has worked on the lift, e.g. carrying out a maintenance visit, attending a breakdown or attempting a repair.
- Stannah isn't prevented from carrying out planned maintenance for any reason outside of our control, including but not limited to, the safety of our employees engaged in activities under this warranty.
- The lift well and machine room / space must be accessible, free from damp, properly ventilated and maintained.

Stannah reserve the right to change the terms of any warranty provided subject to any such change being notified to the beneficiary in writing.

NOTE

Whilst every effort has been used to ensure the clarity and accuracy of this Handbook, we cannot be held responsible for damage or injury resulting from negligence or misuse of this lift equipment.

We are continually developing and improving the Midilift range and we therefore reserve the right to alter or amend the specification without prior notice.



www.stannahlifts.co.uk