Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

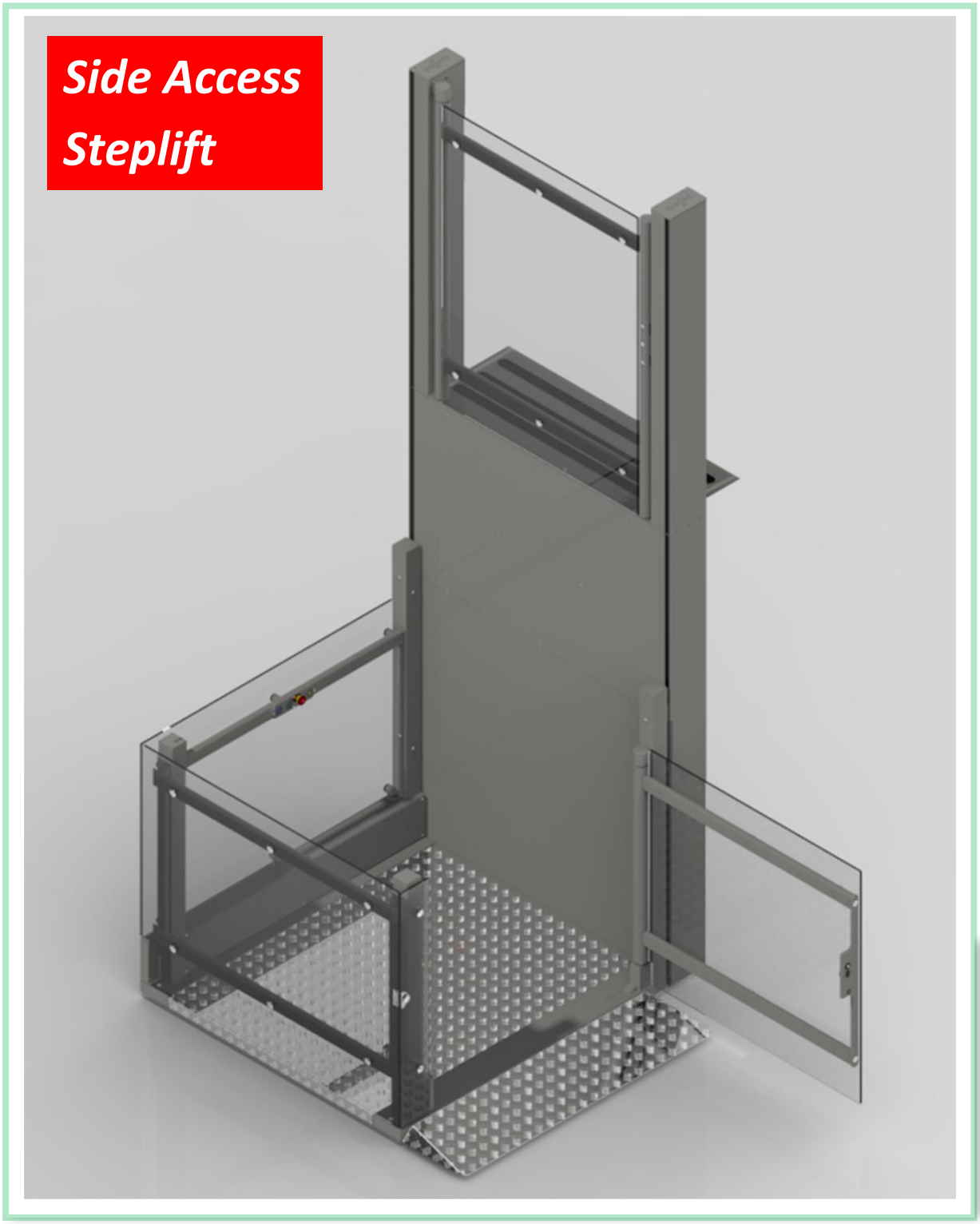
65 Series – 2m/3m Steplift - User Manual



Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual



Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Contents

Section	Description	Page
1	Introduction	1
2	Safety and Safety Features	2
3	Design and Function	6
4	Power On / Shut Down	8
5	Operating Instructions	9
6	Maintenance and Checks	12
7	Before Calling the Service Engineer	13
8	Technical Specification	17
9	EC Declaration of Conformity	18
10	Service Log Card	19

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Introduction

The 65 Series 2m/3m Steplift is a hydraulically driven cantilever-based platform. The unit is capable of raising a load of up to 500 kg through a maximum of 3 m between two floors.

The product is designed in accordance with BS 6440:2011 and Machinery Directive 2006/42/EC, referencing the relevant sections of EN 81-41.

Intended use for a single person with impaired mobility (including attendant) in both public or domestic installations.

Suitable for internal and external environments.

Special consideration has been given to the location, dimensions and available options for controls allowing for safe and unaided use by person(s) with impaired mobility whether ambulant or in a wheelchair. Controls are provided in the lift car and at both floors making both unattended and attended use (on / off lift) possible.

Various keyswitch options are available allowing the lift to be isolated if required so that usage can be limited to authorized individuals.

Registered Office:

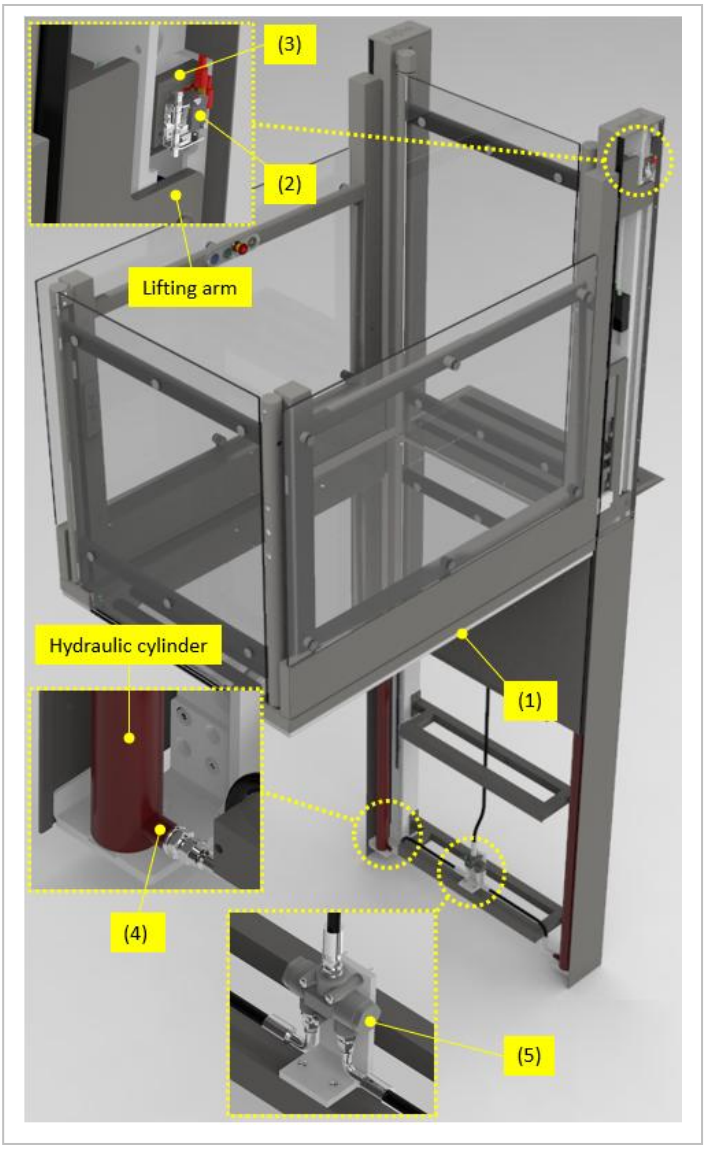
Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Safety & Safety Features

(1) Bottom Sensitive Tray:

The sensitive tray is located underneath the platform and when pressed up during descent the platform will stop preventing any danger of crushing beneath the platform.



(2) Over-Travel Switch:

The over-travel switch is located on the upper right-hand track. If activated during over-travel this switch will stop and take the lift out of service and require a reset by a Service Engineer.

(3) Rigid End Stops:

The end stops are positioned at the top of each track. Should the lift overtravel enough to come in contact with these end stops the relief valve will cut off the pump thus stopping the lift.

(4) Hydraulic Restrictor:

These valves are located in each hydraulic cylinder and maintain the normal lift speed even during a hydraulic hose failure.

(5) Flow Divider:

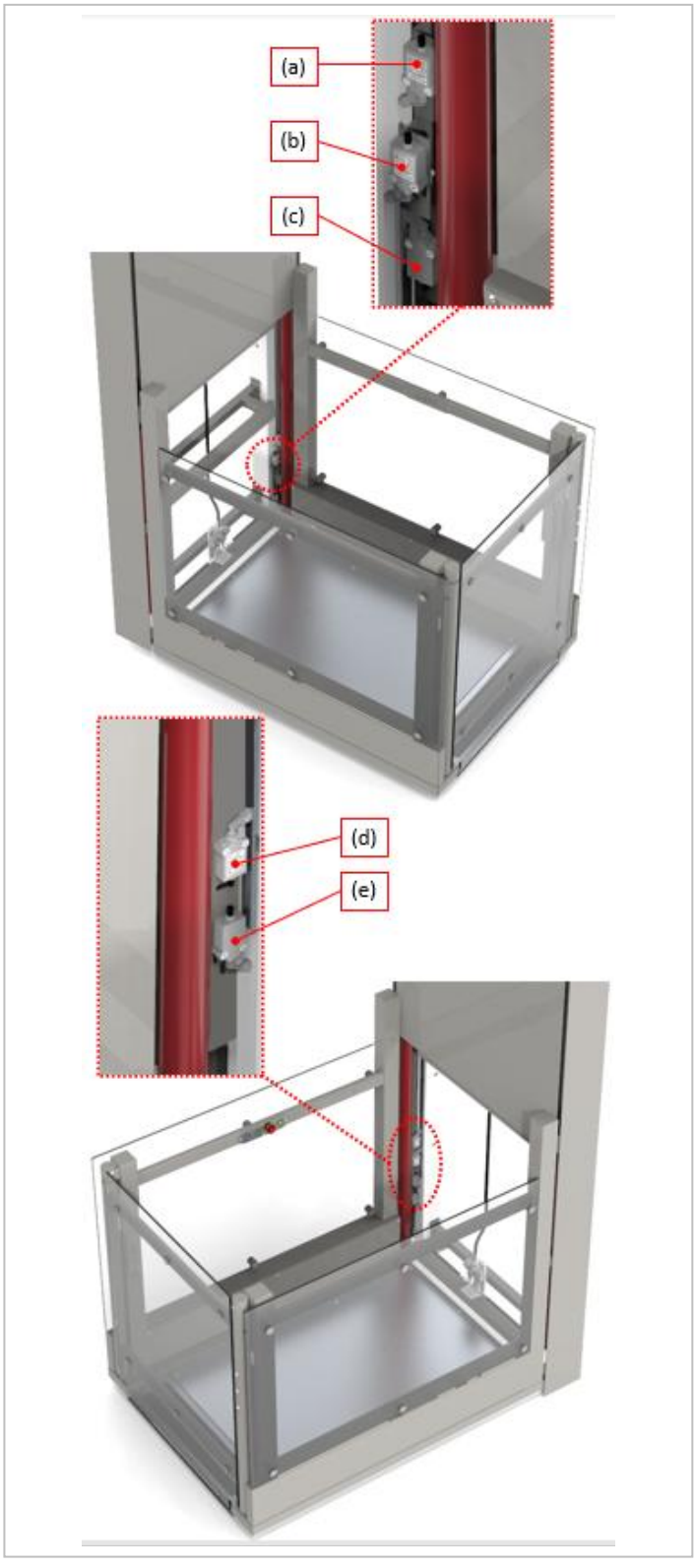
This valve ensures each hydraulic cylinder receives equal oil supply from the pump thus keeping the platform level.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Safety & Safety Features



(6) Stop Switches and Devices:

- (a) Upper Stop Switch

This switch automatically stops the lift at the upper level.

- (b) Over Travel Switch

This is a backup stop switch which will stop the lift should the upper stop fail.

- (c) Lower Stop Switch

This switch automatically stops the lift at the lower level.

- (d) Upper Lock Check Switch

This switch checks the upper lock is engaged with the gate before exiting the upper unlock zone. If this isn't the case the lift will auto-return to the upper level.

- (e) Lower Lock Check Switch

This switch checks the lower lock is engaged with the gate before exiting the lower unlock zone. If this isn't the case the lift will auto-return to the lower level.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Safety & Safety Features

(7) Gate Locks:

Both upper and lower gate locks are mechanically operated EN81 approved locks.

The shot bolt will only fully extend provided the magnet on the gate is aligned with the lock.

The locks have an internal contact switch which will make when the shot bolt is fully extended.

Therefore, if the gate is not closed the internal contact will not be made. In this state the lift will stop out-with the unlock zones.

The lift will not move any further until the gates are closed and fully locked.



Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Safety & Safety Features

Warnings

Do not turn the mains power supply switch off.

Do not stand under the lift car when the lift is descending.

Do not exceed the recommended load of the lift.

Do not attempt to open the lift car door when the lift is in motion.

Keep area of the lift car travel clear of obstructions.

Ensure there are no objects hanging over the sides of the lift car when it is in motion.

Do not allow children to use the lift unsupervised.

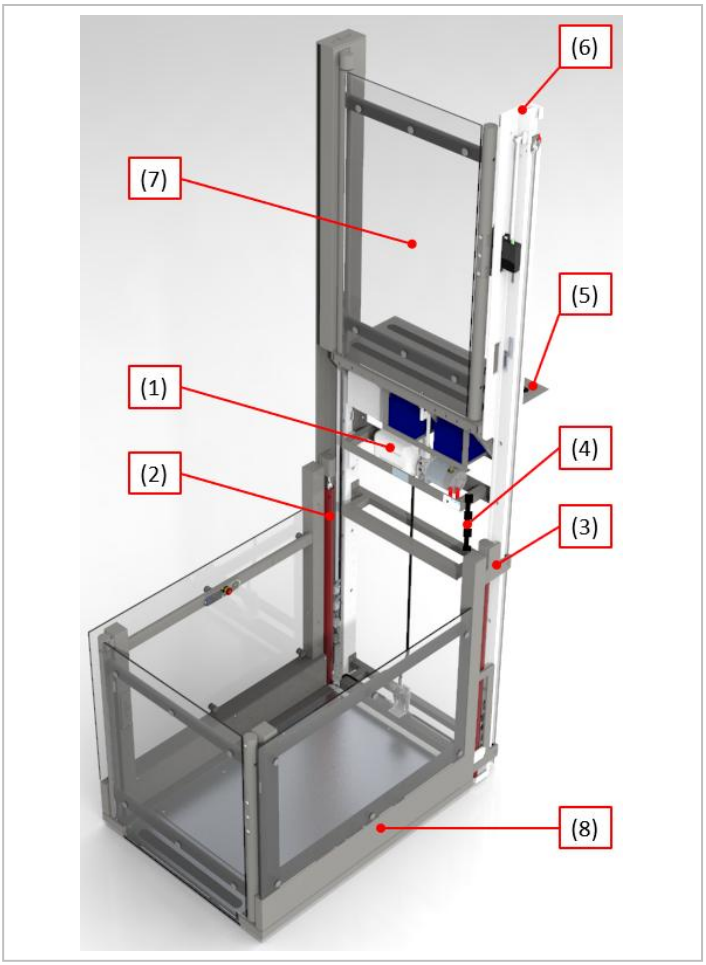
Never attempt to climb out of a moving or stationary lift – manually lower the lift then manually open lift door before exiting at the lower level.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Design & Function



(1) Pump Unit:

The pump unit is positioned between the tracks at the upper landing threshold. The threshold frame houses the hydraulic pump, batteries and control circuitry.

(2) Hydraulic Cylinders:

There are two hydraulic cylinders, one located in each track which are connected to the hydraulic pump. The cylinders are then connected to the lifting arms at the rear of the platform.

(3) Lifting Arms:

There two lifting arms which are essentially steel forks similar to those on a forklift which run underneath the full length of the platform. These are fixed to the top of the hydraulic cylinders and guided by four wheels which run in the tracks.

(4) Energy Chain:

The energy chain is a moving electrical link between the control circuitry on the pump unit and the platform.

(5) Upper Threshold:

The upper threshold is an aluminium frame with a steel tread plate. The frame is fixed to the face of the rise using anchor bolts and the tread plate to the landing using chemically fixed stainless steel bolts.

(6) Tracks:

The tracks are a bespoke aluminium extrusion which provide the structural support and guidance for the lift throughout travel. They are fixed to the pump unit, ground floor level, the upper threshold and the face of the vertical rise on site.

(7) Upper Gate:

The upper gate is a polycarbonate filled aluminium frame safety barrier at the upper landing which can only be opened when the platform is within upper unlock zone.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Design & Function

(8) Platform:

The platform is bolted to the lifting arms and is robustly tested and constructed to carry the rated load.

- (a) Chassis

The chassis is an aluminium frame that forms the floor of the lift. It is supported by a full-length steel lifting fork along each side.

- (b) Ramp (fixed to floor on Side Access)

The ramp is a strengthened aluminium flap which runs across the front of the platform. It is a pivoting, self-leveling incline to aid access to the platform.

- (c) Sides

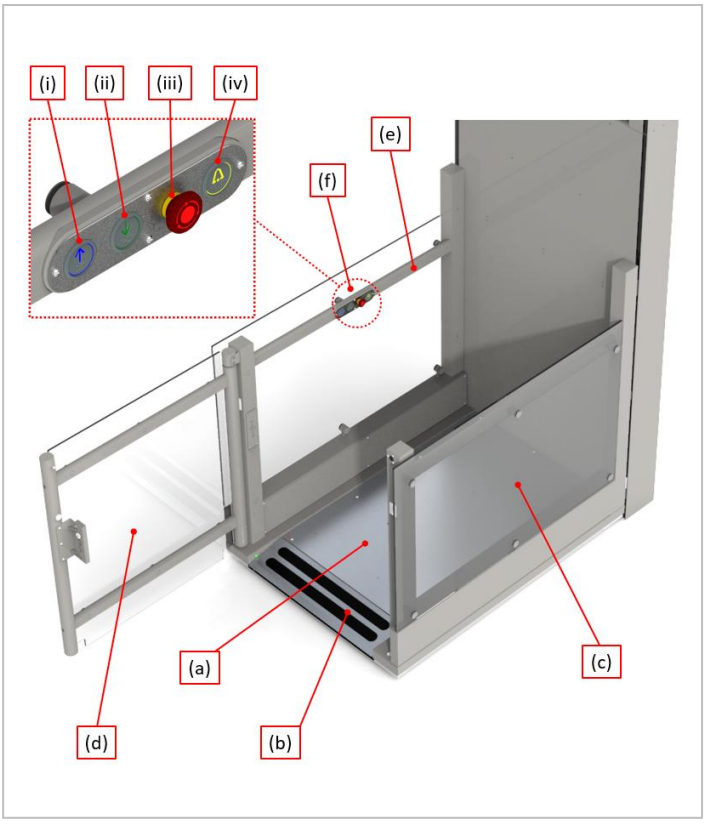
The sides are a polycarbonate filled aluminium frame which forms a fixed barrier along the sides of the platform.

- (d) Lower Gate

The lower gate is a polycarbonate filled aluminium frame safety barrier at the lower-level entrance to the platform which can only be opened when the platform is within lower unlock zone.

- (e) Handrails

The handrail is an obround grab rail on both sides of the platform in which the controls can be mounted.



- (f) Control Panel

The control panel can be located on either handrail on the platform and comprises buttons used to perform the following operations:

i. Blue (Up) – Makes lift ascend
ii. Green (Down) – Makes lift descend
iii. Red (Stop) – Stops the lift
iv. Yellow (Alarm) – Sounds the alarm

Note: Buttons (i) & (ii) are hold to run

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

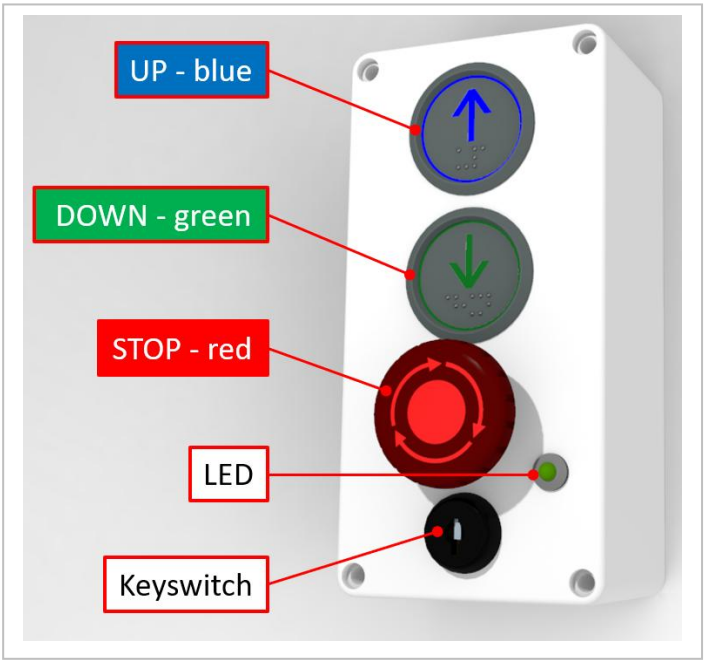
65 Series – 2m/3m Steplift - User Manual

Power ON / Shut OFF

Power On:

Bring the lift into service:

1. Turn the Key switch at either Wall Box and hold for 5 seconds.
2. The 'Up' & 'Down' buttons will flash.
3. The LED will come on.
4. The lift is now in service.



Short Term Shut off:

Isolate the lift for a short period:

1. Move the lift to the lower level
5. Turn the Key switch at either Wall Box and hold for 5 seconds.
2. The 'Up' & 'Down' buttons will flash.
3. The LED will go off.
4. Remove the key.
5. The lift has now been isolated.

Long Term Shut off:

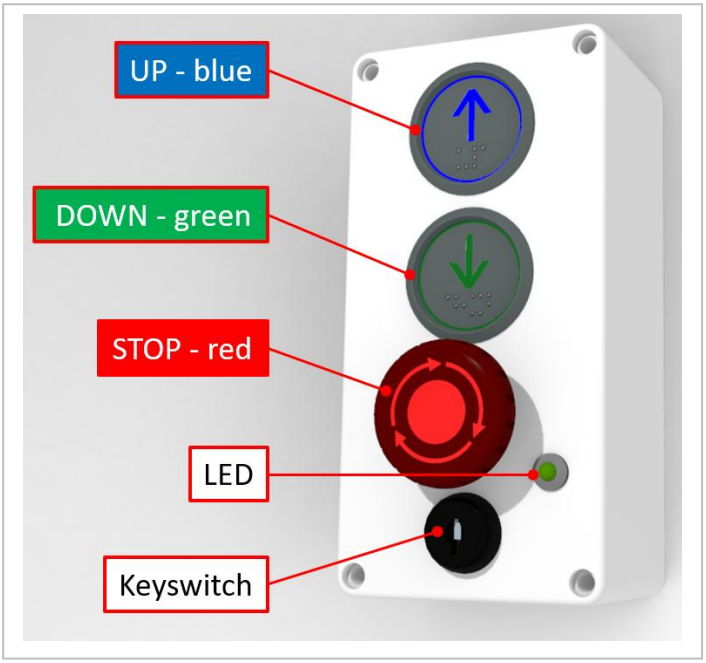
If the lift is to be rendered inoperable for long periods of time, please contact your service provider.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Operating Instructions



Travel from lower to upper level:

Ensure the lift is Powered On

Press the green **'Down'** button on the wall box to bring the lift down.

Press and release the green **'Down'** button again to open a powered lower gate. Otherwise manually open the gate.

Enter the lift.

Press and release the blue **'Up'** button on the platform control panel to close a powered lower gate. Otherwise manually close the gate.

Press and hold the blue **'Up'** button on the platform control panel to bring the lift up**.**

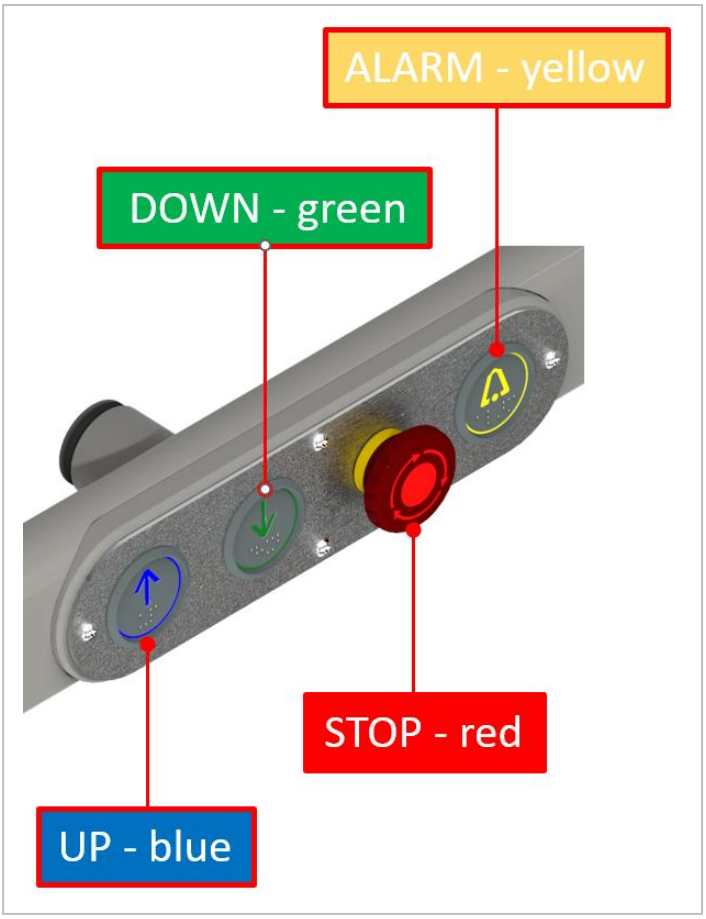
Release the blue **'Up'** button once the lift has fully settled at the upper level.

Press and release the blue **'Up'** button again to open a powered upper gate. Otherwise manually open the gate.

Exit the lift.

Fully close the upper gate.

The lift will automatically return to the lower level after a preset time, emitting a warning tone throughout travel.

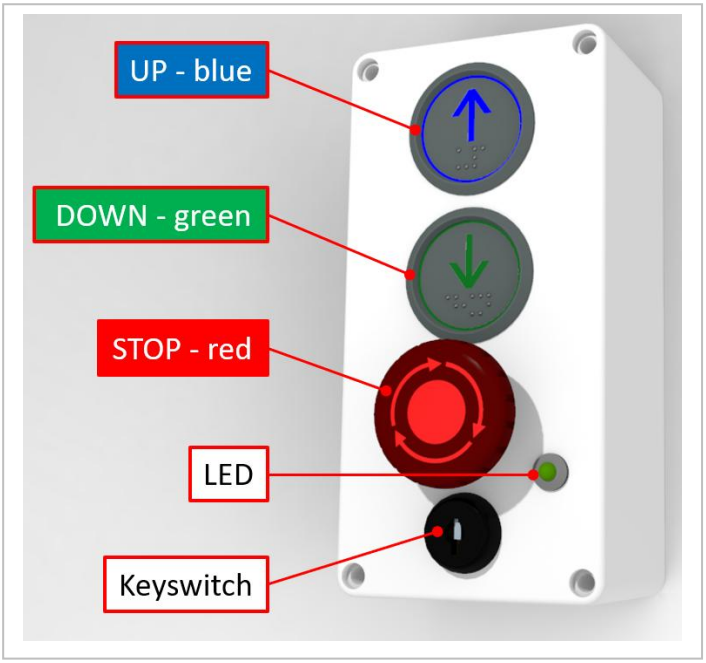


Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Operating Instructions



Travel from upper to lower level:

Ensure the lift is Powered On

Press the blue **'Up'** button on the wall box to bring the lift up.

Press and release the blue **'Up'** button again to open a powered upper gate. Otherwise manually open the gate.

Enter the lift.

Press and release the green **'Down'** button on the platform control panel to close a powered upper gate. Otherwise manually close the gate.

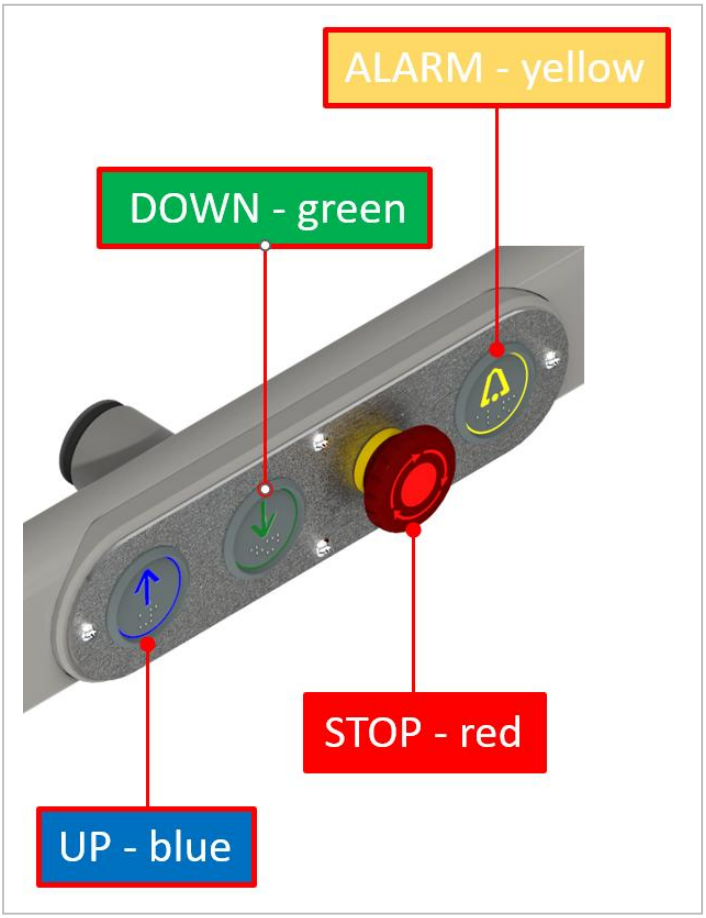
Press and hold the Green **'Down'** button on the platform control panel to bring the lift down.

Release the green **'Down'** once the lift has fully settled at the lower level.

Press and release the green **'Down'** button again to open a powered lower gate. Otherwise manually open the gate.

Exit the lift.

Fully close the lower gate.

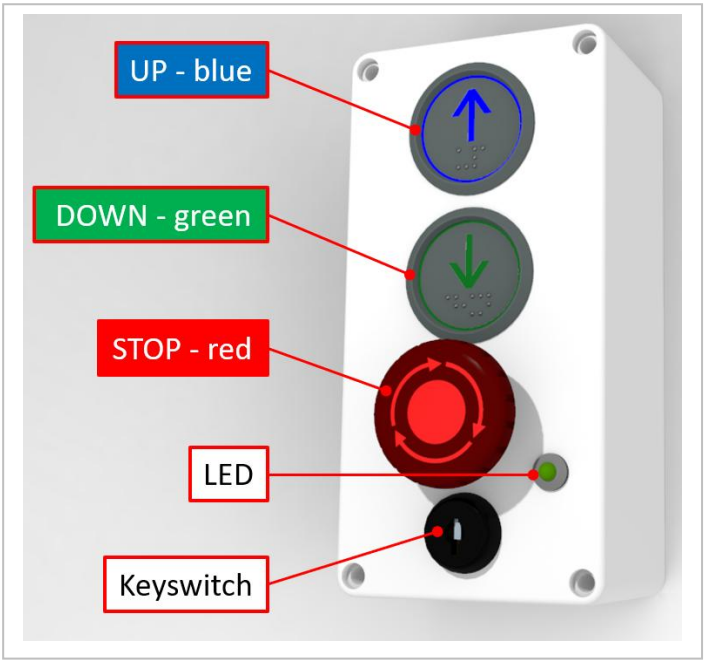


Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Operating Instructions



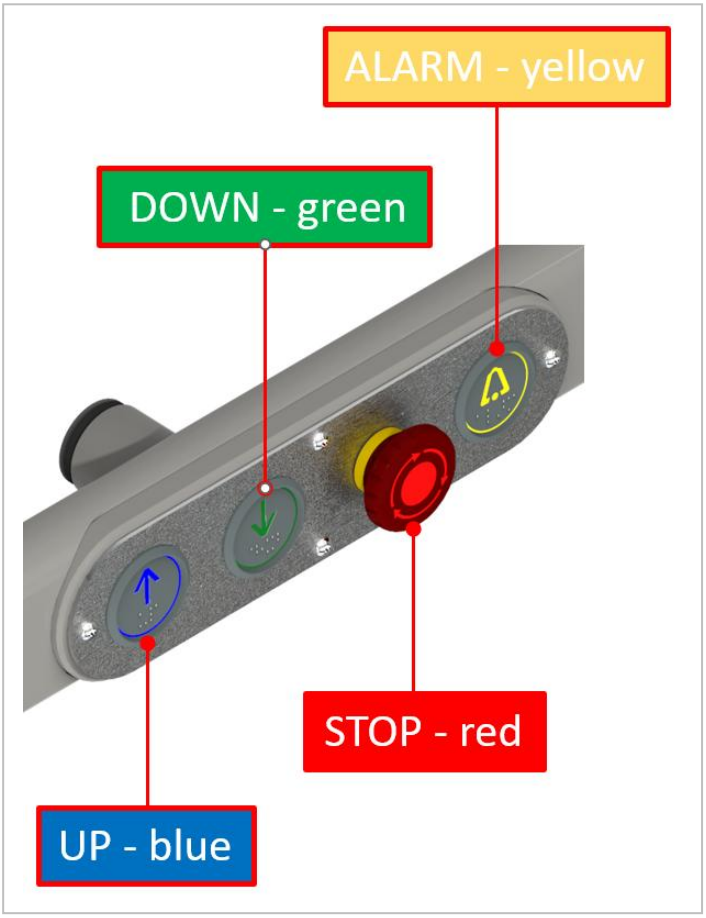
Perform an Emergency Stop:

Press the red Emergency Stop button on either of the wall boxes or control panel.

Reset after an Emergency Stop:

Twist the red Emergency Stop button clockwise to clear and reset.

Continue normal operation.



To Sound Alarm:

Press the yellow button marked ‘Alarm’ on the control panel.

Press the button again to silence the Alarm.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Maintenance & Checks

Weekly Maintenance

Test the Alarm:

- Enter the lift.
- Press and hold the Yellow button marked ‘Alarm’ on the Control Panel.
- Should the siren not sound, contact your service provider immediately.

Fortnightly Maintenance

Clean the Lift:

- Using household polish clean all the lifts painted panels.
- The glass panels can be cleaned using household glass cleaner.
- Sweep the area under the lift to keep clean and clear of debris.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Periodic Examination

Once installation is complete and the lift is commissioned, i.e. checked and certified that it meets the required standards, examinations should be completed at the following intervals:

- Commercial applications every 6 months
- Domestic application every 12 months

(details can be found in the lifts Service Log).

These examinations are essential to ensure the continued safe and reliable operation of your lift.

Periodic Servicing:

Services should be completed by a competent individual at the following intervals:

- Commercial applications every 6 months
- Domestic application every 12 months

Note! Call Outs and service visits may be combined to minimise disruption

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift – User Manual

Before calling the Service Engineer

Contact the service provider immediately should any of the following occur:

- Malfunction of the Alarm system.
- Unusual noises coming from the lift.

Before calling out the Engineer please check the following:

1. ***'Up' and 'Down' button flashing continuously –***

   Check all Emergency Stop buttons by turning the red button clockwise to release.

2. ***Lift will not go up or down –***

   (a) Ensure the lift is Powered on.

   (b) Check the Emergency Stops as above.

3. ***Lift stops when moving off ground –***

   (a) Ensure the lower gate is pulled in tight.

   (b) Check if the bottom tray is jammed. Release by pushing up and down.

4. ***Lift stops just before ground level –***

   Check for debris under the lift.

5. ***Lift stops when moving away from the upper level –***

   (a) Ensure the upper gate is pulled in tight.

   (b) Check if the bottom tray is jammed. Release by pushing up and down.

6. ***Lift stops mid travel on descent –***

   There may be an obstruction under the lift. Move the lift up and clear the obstruction.

7. ***Lower power gate not opening –***

   The bottom stop switch has not activated. Send the lift up and try again.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Before calling the Service Engineer

Manual lowering of the lift:

Should the lift fail to descend after carrying out the checks above the lift will have to be manually lowered as follows –

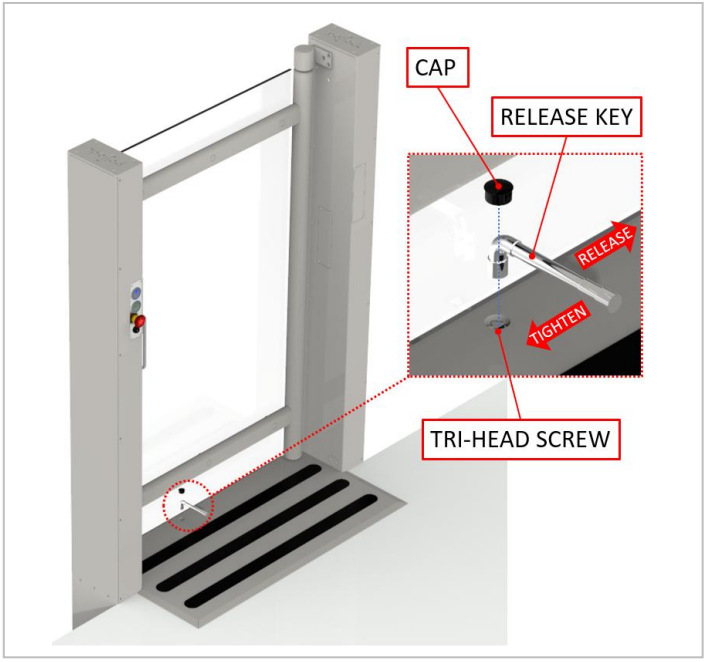
WARNING!

Only carry out manual lowering provided you or someone else is monitoring the safe travel of the lift, ensuring that the area under the lift is kept clear at all times during the lowering procedure.

The upper gate should remain closed throughout the following procedure.

Should you need to stop the lift during this procedure simply release the tri-head screw at Step.5.

1. Close the upper gate and remove the plastic cap shown.
2. Retrieve the lowering key.
3. Using the lowering key turn the tri-head screw anti-clockwise until it releases and pops up, this will take about 6 turns.
4. Gently pull the tri-head screw by hand to lower the lift.
5. Release when lift settles at the lower level.



6. Carefully relocate and turning clockwise tighten the tri-head screw down.
7. Refit the plastic cap and store the lowering key in a safe place.

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Before calling the Service Engineer

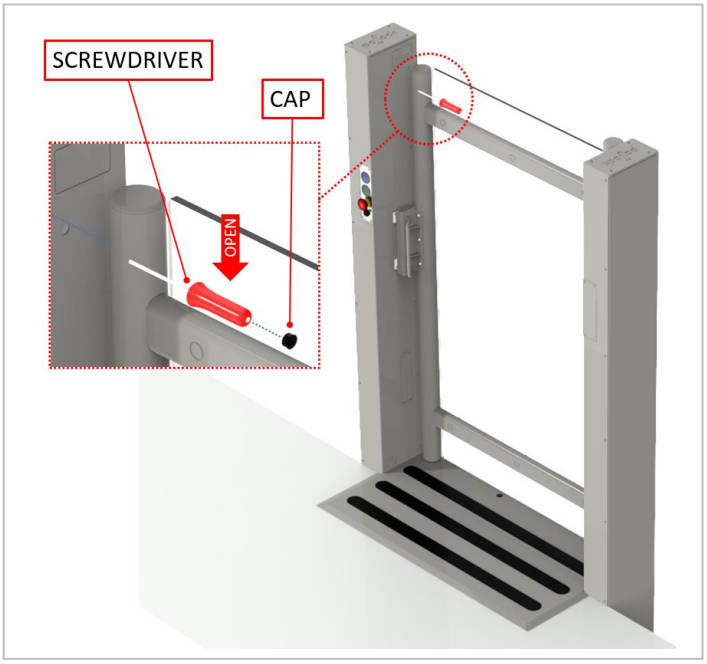
Manual opening of the Upper Gate:

Should the upper gate still fail to open after carrying out the checks above the upper gate will have to be opened as follows –

WARNING!

Only manually open the upper gate when the platform is at the upper landing.

1. Remove the plastic cap on the lock side gate post.
2. Insert a screwdriver through the hole.
3. Lever the screwdriver down to lift and retract lock bolt.
4. Open the gate.
5. Replace the plastic cap.



Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Before calling the Service Engineer

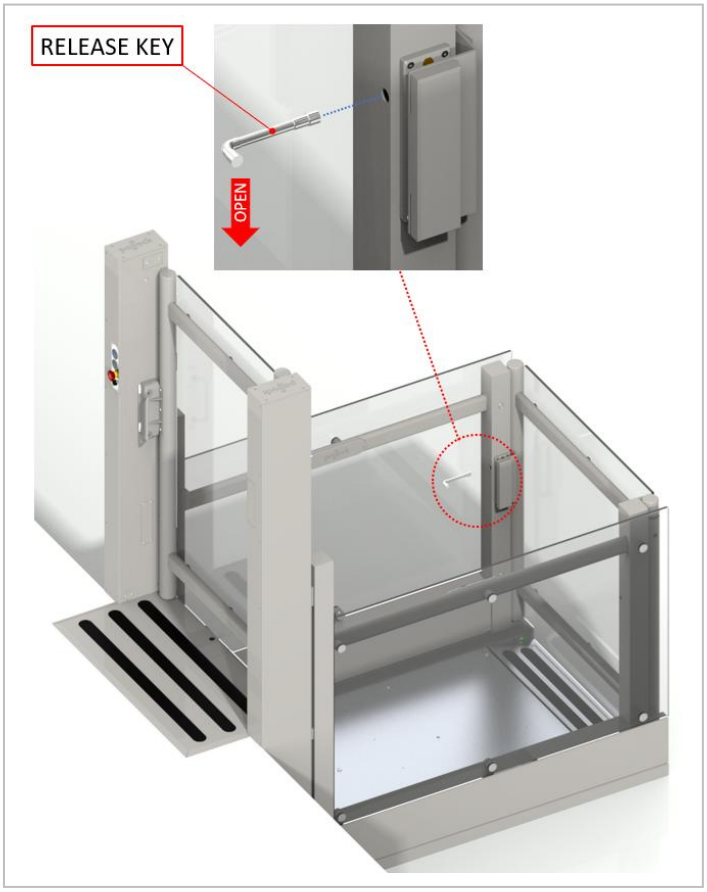
Manual opening of the Lower Gate:

Should the lower gate still fail to open after carrying out the checks above the upper gate will have to be opened as follows –

WARNING!

Only manually open the lower gate when the platform has been fully lowered.

1. Fully lower the lift using the manual lowering procedure if necessary.
2. Retrieve the lowering key
3. Remove the plastic cap on the lock side gate post.
4. Insert the lowering key through the hole until it engages with the lock.
5. Turn the lowering key clockwise to retract lock bolt.
6. Open the gate.
7. Refit the plastic cap and store the lowering key in a safe place.



Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

65 Series – 2m/3m Steplift - User Manual

Technical Specification

Technical Specification Summary				
Location		Internal or external environments		
Usage		Public or domestic use by ambulant and wheelchair users		
Maximum passengers		Wheelchair user plus attendant		
Lift Safe Working Load	kg	500		
Usable Platform (w)x(l)	mm	800 x 1400	900 x 1400	(2) 1100 x 1400
Platform Size (w)x(l) (1)	mm	1110 x 1650	1210 x 1650	1410 x 1650
Maximum Travel	m	3.0		
Rated Speed	m/s	0.1		
Noise (@ 1m/5m)	dB	70 / 60		
Power Supply		Single phase 240V 50Hz		
Electrical Requirements		Dedicated RCD protected supply		
Low voltage operating system		24 VDC Battery driven – do not disconnect from mains for extended periods		
Motor Size	kW	0.5		
Duty Cycle		10 cycles/hour		
Pump operating pressure	bar	100 (max)		
Cylinder operating pressure	bar	70		
Pressure Switch Setting	bar	80		
Relief Valve Setting	bar	100		
Hydraulic Oil Grade		Tellus 32		
Operating Range		-10 °C to +40 °C		
Safety		Sensitive bottom tray and ramp, hydraulic restrictor.		
Lifting Mechanism		Direct acting hydraulic cantilever with self-contained power pack		
Design & Manufacturing Standard		BS 6440:2011; EN81-41 (ref. only) Machinery Directive 2006/42/EC		

(1) 1500mm turning circle required at both floors as per Building Regulations
(2) Side Access model only available with an 1100 x 1400 platform

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

EC Declaration of Conformity

In accordance with EN ISO 17050-1:2004

We Pollock Lifts

of Unit 1, Sloefield Drive,
Trooperslane Industrial Estate,
Carrickfergus, Co. Antrim
N. Ireland, BT38 8GX.

in accordance with the following Directives:

2006/42/EC	The Machinery Directive
2004/108/EC	The Electromagnetic Compatibility Directive
2006/95/EC	The Low Voltage Directive

Hereby declare that:

Equipment Pollock StepLift - Serial No.....65YYNNN...

Has been designed to comply with the with the requirements of the Directives.

Signed by: .....

Name: Gerry Garvey

Position: Engineering Manager

The technical documentation for the machinery is available from:

Name: Pollock Lifts Ltd.

Address: Unit 1, Sloefield Drive, Trooperslane Industrial Estate,
Carrickfergus, Co. Antrim, N. Ireland, BT38 8GX.

Referenced Standards:

BS 6440:2011 - Specification for powered domestic lifts with partially enclosed cars and no lift-well enclosures

BS EN 81-41: 2010 – Safety rules for the construction and installation of Lifts

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

SERVICE LOG CARD

PREMISES		***EQUIPMENT***		***OUT OF HOURS EMERGENCY TELEPHONE NO:***
				Mainland UK ***0845 3305844***
OWNER:		***REF NO:***		**N.I. Only** **028 9336 8167**

Date of Visit	***Visit By***	***Reason for Visit Service / Breakdown / Insurance-QA***	***Action Taken***	***Owner Initial***

Registered Office:

Pollock Lifts, Unit1, Sloefield Drive,
Trooperslane Industrial Park,
Carrickfergus, County Antrim, BT38 8GX

Document Revision History

Issue:	Change No.	Description of Change:	Initials:	Date:
A	------	Initial Release	PTM	23/01/23
B	CR1339	Updates for Side Access model. Side Access cover image replaces 3m model; redundant unlock return switches removed pg.3; ramp note added pg.7; Note (2) added pg.17.	PTM	11/01/23
C	CR1555	Updates to periodic servicing and examination.	LT	18/06/26