

USER MANUAL

TSL1000 Platform Lift

Original instructions



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INTRODUCTION

Thank you for choosing the Terry TSL1000 lift, designed and manufactured in the U.K. using the latest technology from Terry Group Ltd. We want you to get the most out of your TSL1000 Lift and to help in this aim, we have produced this small booklet on operation and maintenance of the equipment which we trust you will find helpful.

It is hoped that any queries you may have during day to day operation will be answered in the text but if you do have any problems our technical help service is only a phone call away.

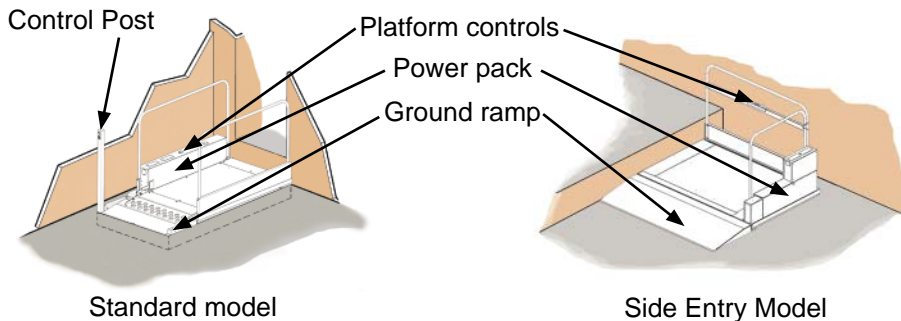
We hope that our product gives you many years of reliable service.

Peter Morrey
Managing Director

DESCRIPTION

The Terry TSL1000 Lift is designed to transport a **single person in a wheelchair** between two floor levels up to 1 metre apart. To provide the lifting force the lift uses a hydraulic cylinder under the platform, fed via a hose from a pump unit mounted under the power pack cover on the platform. Principal features of the design are its low closed height and silent smooth operation. The low closed height eliminates the need for a pit.

Control stations are provided on the platform power pack and at the upper and/or lower levels depending on requirements. A remote control enabler option is also available to limit the use of the lift to authorised users only.



It is most important that before operating the lift you read these instructions fully and are familiar with the controls and operating procedure.

Our policy is one of continuous product development and the Company reserves the right to change specification without notice.

If a change of use of the lift is required, this should be discussed with the manufacturer/supplier as certain alterations may be needed.

Examples of changes of use are:

- a) change of type, size and/or weight of wheelchair;
- b) change of user disability;
- c) change of user;
- d) removal of the homelift and reinstallation at another site;
- e) change of duty cycle.

All changes of use should entail a review of the installation.

GENERAL DO'S AND DON'TS

- Always leave the power supply to the lift switched on, even when you go away. The lift control circuits are fed by a battery, which must be kept constantly charging.
- Never allow children to play on or around the lift.
- Ensure that the area around the lift is kept clear from debris (e.g. litter and leaves).
- Do not exceed the maximum lifting capacity of 39 stone (250 kg).
- Always treat your lift with respect that should be shown to electrical and mechanical equipment.

WARNING! As recommended by the Medicines and Healthcare products Regulatory Agency (MHRA), great care should be exercised whilst manoeuvring on and off the platform ramp, to avoid the risk of tipping over rearwards. Information can be found at www.mhra.gov.uk

CONTROLS

Location

- Lower level control switch(standard installation)-mounted on control post.

Or

- Lower level control switch (pit installation / side entry) mounted on the building structure at the lower level.
- Platform control switch-mounted on lift platform power pack cover (mounted on handrail if side entry).
- Upper level control switch (no upper level gate) mounted on the building structure at the upper level.

Or

- Upper level control switch (upper level gate) integral with the gate frame.

Function

- All controls are of the “hold to run” type. Maintain pressure on the switch until the lift reaches the upper or lower level. To travel in the opposite direction, release the switch, wait 2 seconds and press again.
- A master switch, which “locks” all controls to prevent unauthorised use is fitted to the charger box.
- If the lift has been supplied with a remote control lift enabler unit the lift will remain disabled until key fob is pressed. Pressing the key fob will allow the lift to be operated by the up/down control in the normal way. 3 minutes after pressing the key fob the lift will automatically revert back to its disabled mode preventing further use. The lift can then only be reactivated for use by repressing the key fob.

OPERATING THE LIFT

If the radio control enabler option is fitted press the key fob to activate the control stations.

The lift can be called by maintaining pressure on the call button and waiting for it to stop at the appropriate level. Move on to the platform and **apply the wheelchair brakes**. Press and maintain pressure on the control button to operate the lift until it stops at the required level.

The upper level gate will automatically release for up to 10 seconds when the lift reaches the upper level. Alternatively pressing the 'gate open' button on the platform or on the upper call station will also release the gate. Note that the lift can only be lowered when the upper level gate is fully shut.

If necessary, the lift can be stopped at any time by releasing the control button.

The underside of the lift is fitted with a platform safety device which automatically stops the lift if an obstruction is present beneath the platform. Once the obstruction has been removed the lift will continue to operate as normal.

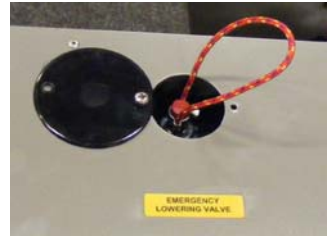
We recommend that the lift is kept at the lower level when not in use.

EMERGENCY PROCEDURES

- a) Isolation of the batteries on the lift is achieved by removing a fuse. This is located at the ramp end of the power pack box on the platform, behind a round blanking plug. Remove the plug to gain access to the fuse, which can simply be pulled out to isolate the batteries.



- b) In the unlikely event that the lift stops part-way through its travel and will not restart, it can be lowered by removing a round blanking cover on the top of the power pack box on the platform and pulling the chord, located beneath.



Please Note: If the platform is at the upper level and will not lower, it will be necessary to first remove the fuse as per emergency procedure a) before following emergency procedure b).

In the interest of safety, ensure that the upper level gate is closed before the lift is manually lowered.

Be aware that the platform safety device does not function when manually lowering the lift. Ensure that people are away from the platform and that there are no obstructions.

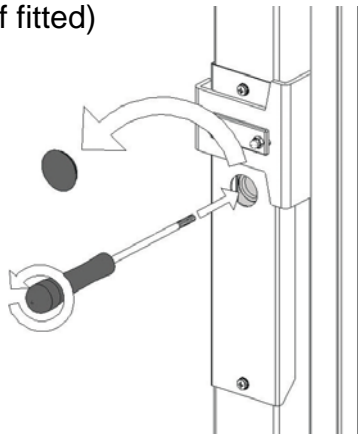
- c) The Isolator switch is situated on top of the charger pack (located indoors), should be switched on at all times.

NOTE: A competent person will need to be called to restore the safety functions of the lift before re-use.



EMERGENCY GATE LOCK OVERRIDE

Upper level gate (if fitted)



MAINTENANCE & SERVICING

Provided the operating instructions are observed the lift will give many years of trouble free service. Terry Group Ltd. can quote for servicing on request.

Dependent on frequency of use, this lifting platform should be serviced at least every 6 months. This service should be conducted by competent persons trained in the service and repair of the product.

If a lifting platform is to be installed in an adverse environment, the specifier and supplier shall determine the measures needed to ensure that safe operations are achieved including more regular service intervals.

Note: Adverse environments are those that could affect safe operation. Examples include; the effects of humidity, atmospheric pollution, solar radiation, swimming pool environs (this product is not suitable for use in chlorinated environments), extreme temperatures, etc.

If in any doubt about the operation of the lift please contact the installation company for advice.

FAULT FINDING

The table below should help solve any problems, which may be stopping your lift from operating correctly. If, however, your lift still does not operate correctly after referring to this table please do not hesitate to call the number on the back of this booklet for further advice.

Lift Position	Problem	Cause	Remedy
Lower level	Lift will not operate	Charger isolation switch disabling lift Remote control enabler(if fitted) not activated.	Ensure charger isolation switch is on. Activate remote control enabler with key fob.
	Lift rises short distance then stops	Obstruction on ramp	Remove obstruction on ramp
Upper level	Lift will not operate	Charger isolation switch disabling lift. Remote control enabler(if fitted) not activated	Ensure charger isolation switch is on. Activate remote control enabler with key fob
		Upper level gate not closed properly (where fitted)	Ensure gate is fully closed
		Platform safe edge obstructed	Remove obstruction below the lift
	Lift operates but stops before the lower level	Platform safe edge obstructed	Remove obstruction below the lift

SAFETY FEATURE CHECKS

As a precautionary measure it is advised that you check the safety features built into the lift on a weekly basis. Carry out the checks as described below: -

- Platform safe edge - With the lift at the upper level call the lift down and once it is moving obstruct the platform safe edge, the lift should stop.

These tests may require the help of another person: -

- Folding ramp upper safe edge - With the lift at lower level obstruct the upper surface of the ramp and send the lift up, the lift should stop within 300mm of travel.
- Upper level gate - With the lift at the upper level open the upper level gate and attempt to call the lift down from the lower level. The lift should remain stationary.

All of these tests should be carried out with the lift unoccupied.

If any of these tests fail, the lift **MUST NOT** be used and advice sought by calling the number on the back of this booklet

SERVICE HISTORY RECORD

An entry should be added to the following table every time the lift is serviced.

Date	Engineer	Company	Comments

DECLARATION OF CONFORMITY



Lift Type: STEPLIFT 1000

This lift was manufactured by TERRY GROUP Ltd., who declare that this lift fulfils all the relevant provisions of the following

Directives:

2004/108/EEC	EMC Specifications
2006/42/EC	Machinery Directive

This lift also fulfils all the relevant provisions of the following Standards:

BSEN 12015:2004	Electromagnetic Compatibility. Product family standard for lifts, escalators and moving walks. Emission.
BSEN 12016:2004 +A1:2008	Electromagnetic Compatibility. Product family standard for lifts, escalators and moving walks. Immunity.
BS6440:2011	Powered lifting platforms for use by disabled persons

Person authorised to compile Technical File:

Greg Gnyp, Terry Group Ltd., Longridge Trading Estate, Knutsford, Cheshire, WA16 8PR

This declaration was completed at Terry Group Ltd., Longridge Trading Estate, Knutsford, Cheshire, WA16 8PR, in September 2011.

This compliance is only valid if the installation test Certificate has been completed and signed by a competent lift engineer which confirms that it has been installed to the latest installation instructions.

TERRY GROUP Ltd.

A handwritten signature in black ink, appearing to read 'P. Morrey', written over a horizontal line.

P.Morrey (Managing Director)

LIFT SPECIFICATION

Address of manufacturer:

Terry Group Ltd.

Unit 1 Longridge Trading Estate
Knutsford, Cheshire, England
WA16 8PR

Lift serial No.	<input type="text"/>	Year of manufacture	<input type="text"/>
Maximum load		250Kg (39 stone)	
Maximum travel		1 metres	
Power supply		240V AC ~ 50/60 Hz	
Control voltage		24V DC	
Hydraulic pump power consumption		600W maximum	
Hydraulic oil grade		T22	
Standards		Designed and manufactured to BS6440	

Our policy is one of continuous product development and the Company reserves the right to change specification without notice.

For technical help,
sales or service enquiry telephone:



This Steplift 1000 has been supplied by:



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