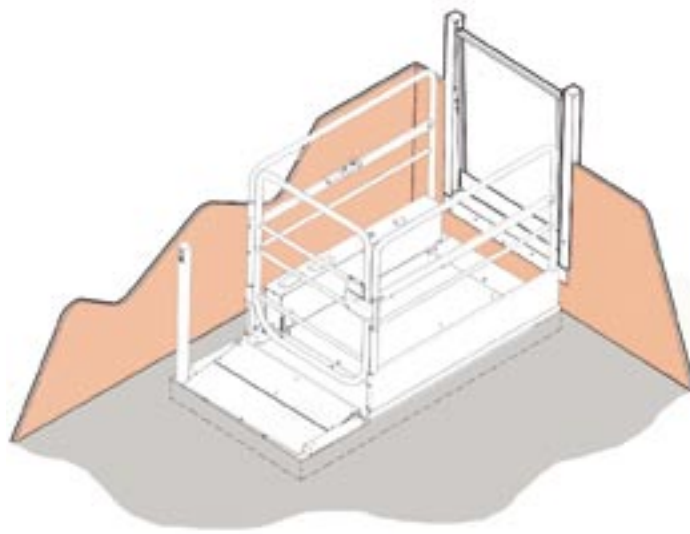


TERRY MELODY 1 SPECIFYING GUIDE

ref. ED01000a 08/06/2004



**Please ensure that you have the latest issue of this specifying guide.
Contact Terry Group or check our Web Site for the latest issue details.**

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Terry 
total mobility solutions

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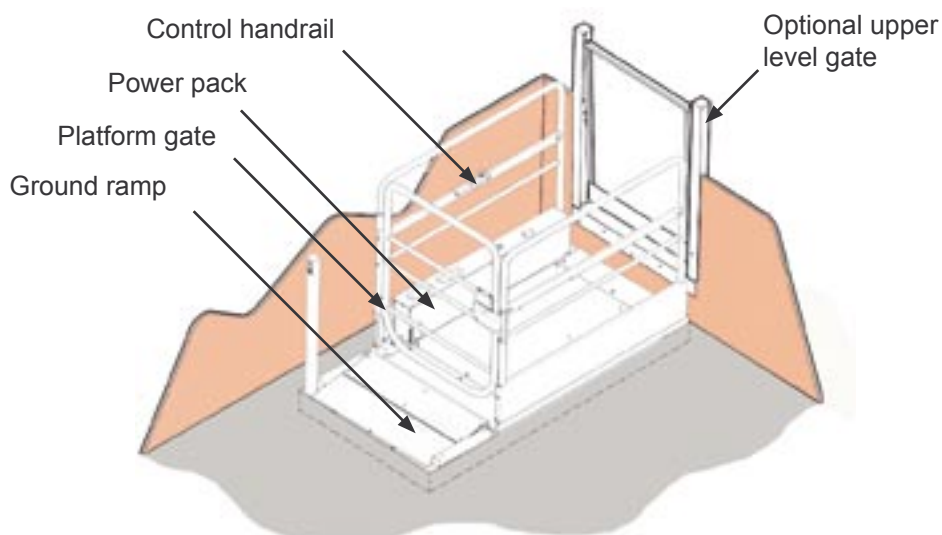
NOTES

The Melody 1 Platform Lift

The Melody 1 is a hydraulically operated scissor platform lift capable of lifting loads of 250 Kg up to 1.0m between fixed levels.

Designed and manufactured in accordance with BS 6440 , the Melody 1 is suitable for use by persons with impaired mobility in either public buildings or private dwellings. The Melody 1 standard features include an integral platform gate and a low closed height eliminating the need for a pit. An upper level gate option is also available or an interlock unit can be supplied to fit the client's own door.

Special consideration has also been given to the location and dimensions of controls allowing safe and unaided use by person(s) with impaired mobility whether standing or a wheelchair. A control station is provided on a platform handrail 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.



The lift is suitable for internal and external locations and a major feature of the design is that the platform is free standing, eliminating the need for guide column supports and thus minimising aesthetic intrusion into the environment. The majority of the lift is finished in brushed stainless steel finish. Other finishes can be supplied to special order.

End-user/Client and Environmental Considerations

Final lift selection should include full consultation with the client and/or their authorised representative. The following points should be included in any client discussion:

- Basic principles of lift operation and safety features.
- Location of lift and ease of access at lower and upper levels.
- Duty cycle (refer to Terry Melody 1 Technical Specification)
- Check that the load capacity of 250 kg will not be exceeded.
- Location of lift charger box.
- Overall space requirements of the lift versus turning requirements of wheelchair.
- Long term suitability of equipment versus long term user mobility i.e. will client require/change wheelchair or become incapable of operating existing controls?
- The extent of the intended preparatory work and the time period involved.
- Any deviation from the standard options listed in this specifier's guide must be approved by Terry Group Ltd.
- In the event of a change to client requirements or specification, a new completed survey & specification sheet and quotation would be required rather than modifications to current documents.
- Determine if local Authority documents are required, e.g. Building Notices and confirm who will be submitting them.

Ref: ED01003a, Dated: 10/06/2004

NOTES

Terry Melody 1 Options

STANDARD LIFT	STD.	STD. OPTION	SPECIAL ORDER
Round tubular stainless steel platform gate without infill	X		
Round tubular stainless steel handrails without infill	X		
Ground/floor ramp/ lower level control post in paint finish.	X		
Powerpack / kick strip in stainless steel	X		
ADDITIONAL PRODUCT OPTIONS			
Round tubular stainless steel platform sides/ handrails with polycarbonate infill		X	
Round tubular stainless steel platform gate with polycarbonate infill		X	
Round tubular stainless steel platform gate with glass infill			X
Square section upper level gate with stainless steel infill panel.	X		
Square section upper level gate with polycarbonate infill		X	
Square section upper level gate with glass infill			X
Upper Level Gate Interlock Kit		X	
Remote control enabler		X	
Stand alone control station		X	
Flush mounted control station			X
Pit installation			X
Stand alone power pack (see note 1)			X
Special paint finishes.			X

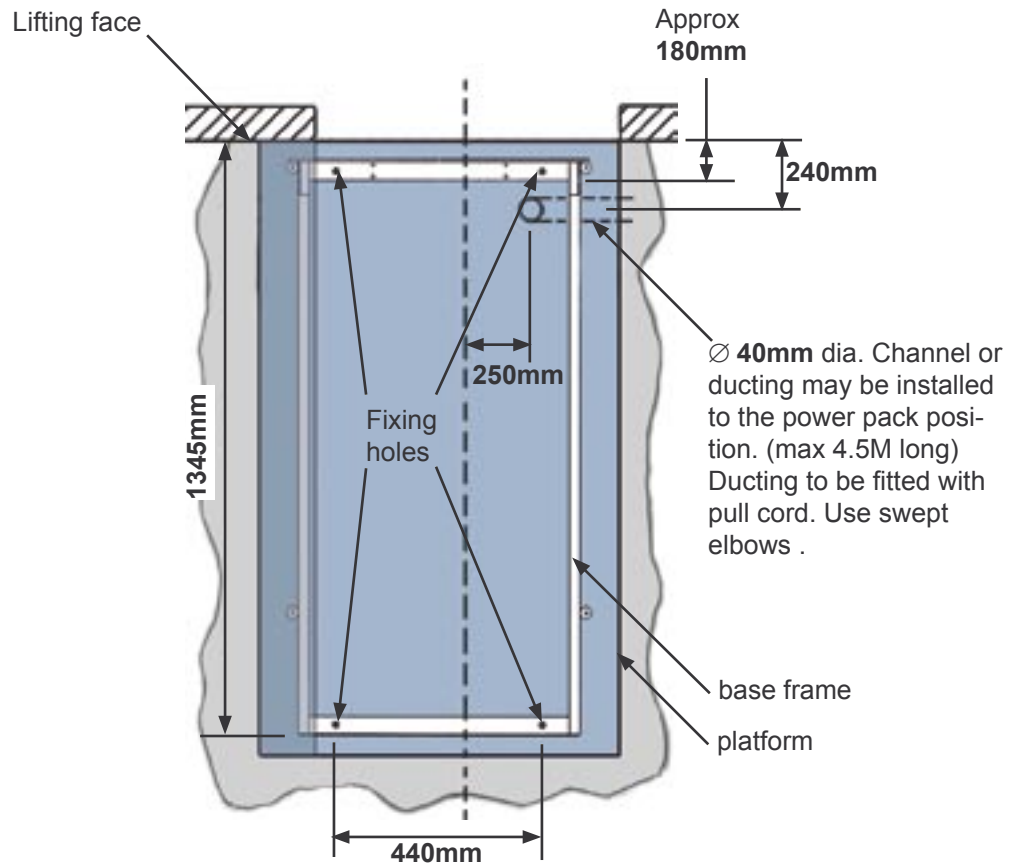
Note 1

Stand alone power pack to be specified for heavy usage applications. Refer to Melody 1 Specification (page13) for duty cycle limitations of standard charger and batteries.

NOTES

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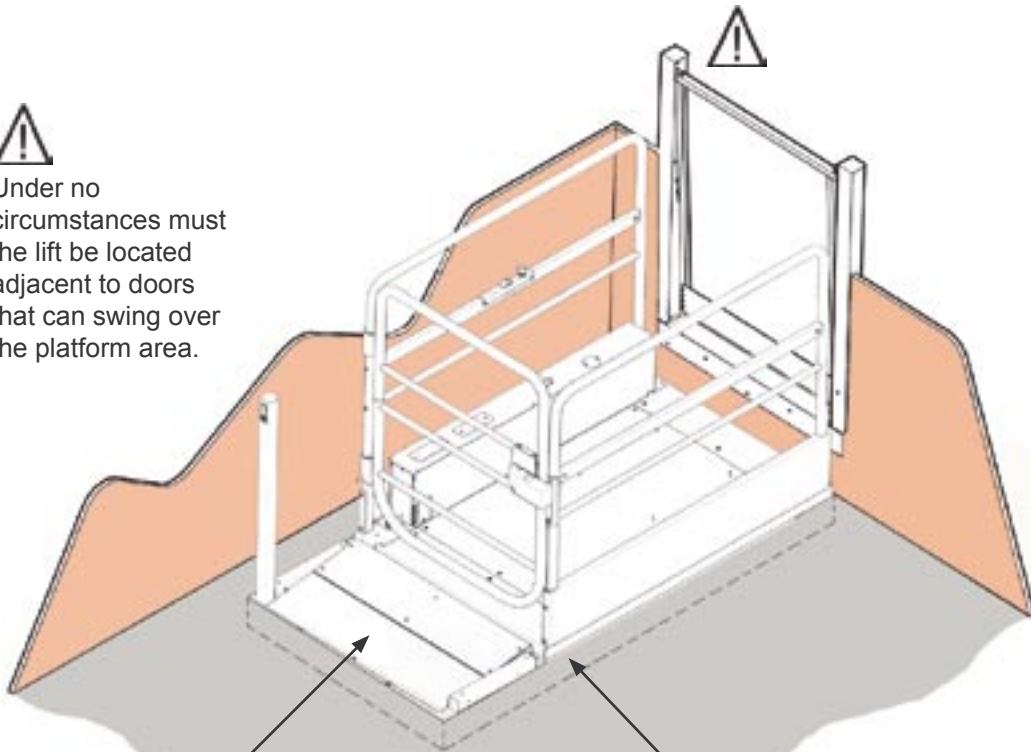
Terry Melody 1 Fixing Details



Terry Melody 1 and Charger Pack Details



Under no circumstances must the lift be located adjacent to doors that can swing over the platform area.



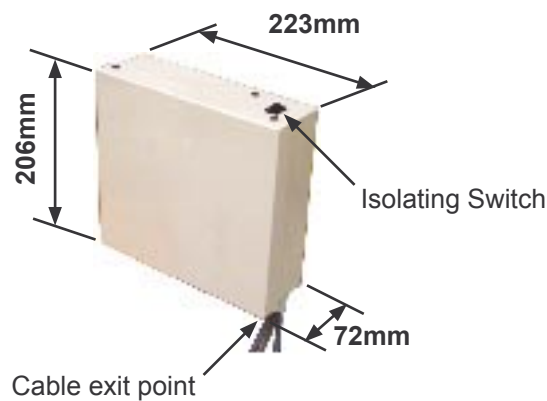
Fixed approach ramp on floor



Lift must NOT be located over external services e.g. mains water stop tap, manhole etc.

Charger pack dimensions

Charger box (with isolate switch) to be permanently located at nearest available single/ double mains socket or 13Amp switched spur unit



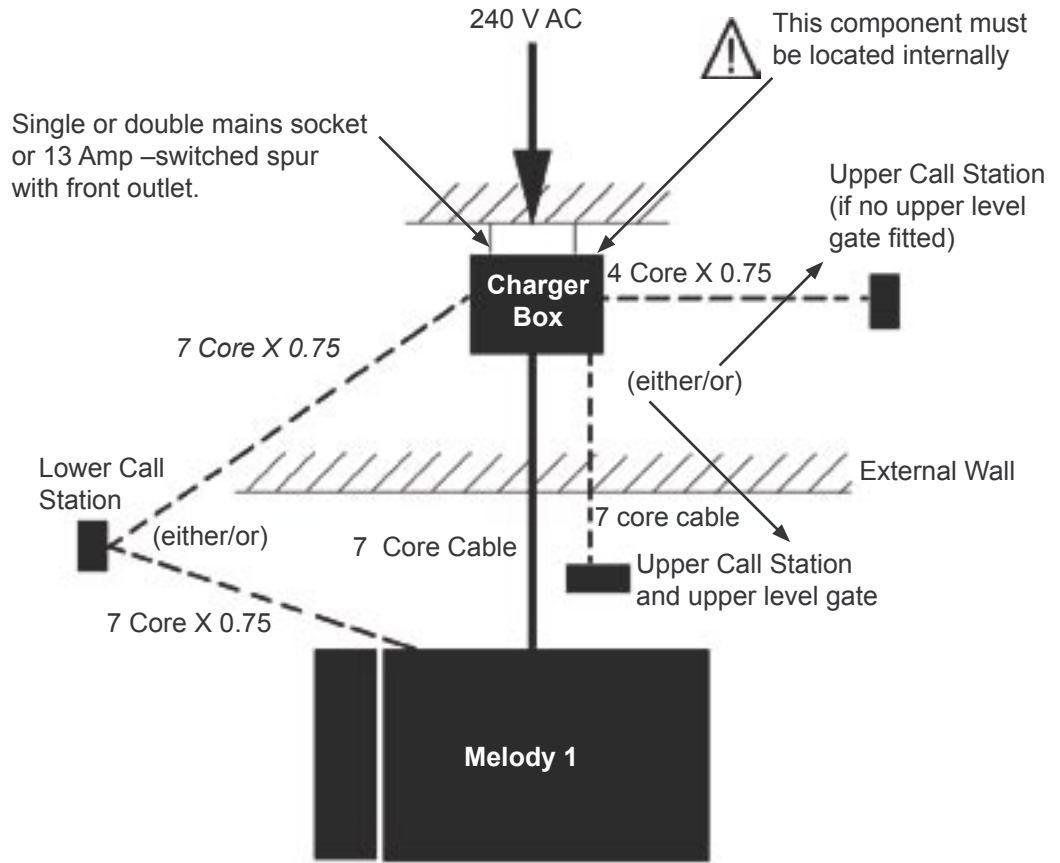
Charger pack – location considerations

- ✓ Charger pack must not be located externally.
- ✓ Check that the protrusion of the charger box from the wall does not restrict access.

NOTES

Ref: ED01006a, Dated: 10/06/2004






Melody 1 -Schematic Cable Run



Ref: ED01007a, Dated: 10/06/2004

NOTES

Terry Melody 1 Control Details

	<p>Upper level control</p> <p>Control switch mounted on back face of upper level gate post</p> <p>Gate Release button</p>
	<p>Lower level control</p> <p>Control switch mounted on lower level control post.</p>
	<p>Platform control</p> <p>Control switch mounted on control handrail.</p>
	<p>Control Station</p> <p>Control switch box for mounting on wall structure.</p> <p>Used at upper level when no upper level gate is provided.</p> <p>Used at lower level on pit installations when there is no control post fitted .</p>
	<p>Remote Control Enabler(Optional)</p> <p>If the lift has been supplied with a remote control lift enabler unit, the lift will remain disabled until fob, is pressed. Pressing the fob will allow the lift to be operated by the up/down control in the normal way. 3 minutes after pressing the fob the lift will automatically revert back to its disabled mode preventing further use.</p>
<p>SPECIAL CONTROLS</p>	<p>Special Controls</p> <p>For other options of controls e.g flush mounted wall station or illuminated buttons, please contact TGL.</p>

NOTES

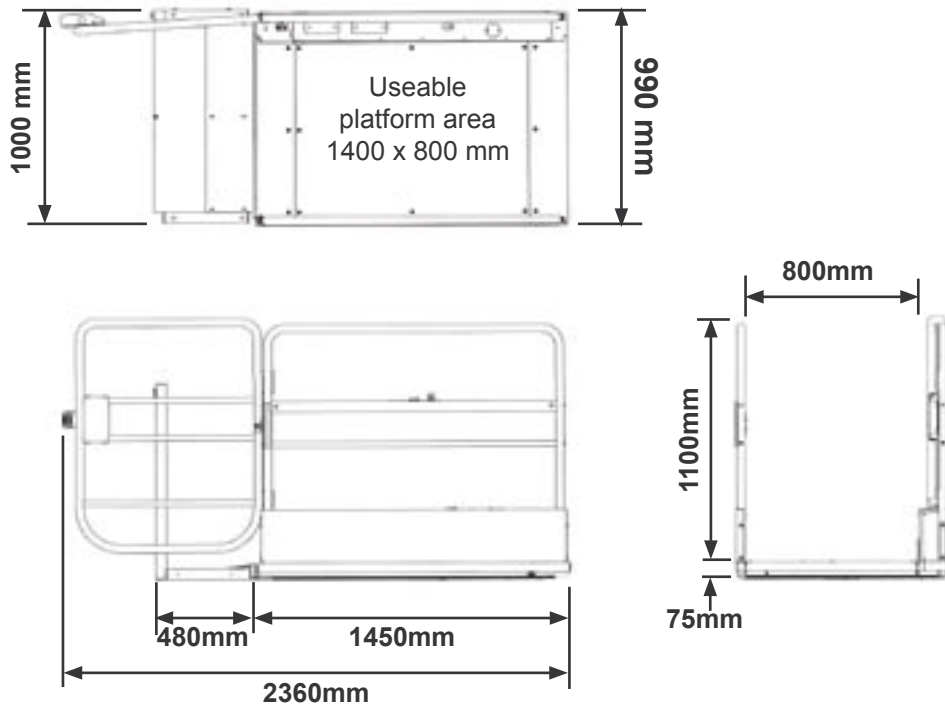
Ref: ED01008a, Dated: 10/06/2004

Technical Specifications

Application Range	Ambulant and wheelchair users Internal and external locations
Safe working load	250Kg
Closed height	75mm
Maximum travel	1 metre (1000mm)
Rated speed	0.06 metres per sec.
Upper level protection requirements	Domestic -rise exceeding 290mm Public Access-rise exceeding 260mm
Power supply	
Electrical requirements The lift does not require a dedicated power supply or RCD protection.	220/240V AC~ 50/60 Hz-680mA (max)
Low voltage operating system	24 VDC
The lift has full battery back-up, the lift should never be left disconnected from the mains supply for long periods.	
Optional radio remote control	12V key fob non-rechargeable alkaline battery.
Duty Cycle. Normal cycling(maximum)	10 cycles per hour or 40 cycles in any 24 hour period <i>whichever is the greater</i>
Hydraulic oil grade	T22
Temperature Range	-20°C to +40 °C
Lifting mechanism	Fully enclosed hydraulic scissor arms
Design and manufacturing Standard	BS6440 CE Mark

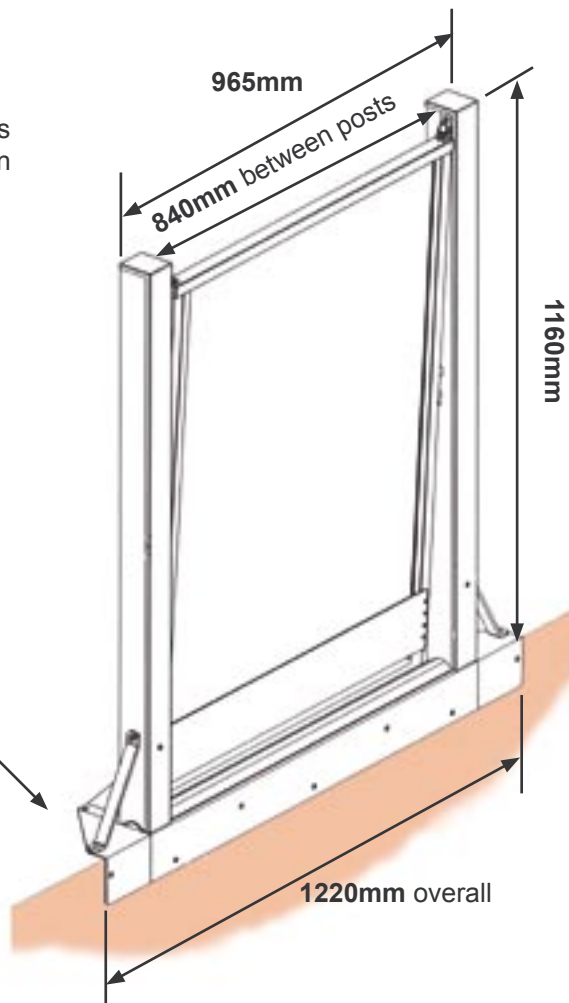
Terry Lifts' policy is one of continuous product development and the company reserves the right to change specifications without notice.

Terry Melody 1 lift and Standard Upper Level Gate Basic Dimensions



NOTE:
Gate must be off set as shown in site details on the following pages.

This area must be structural 100mm concrete part of upper floor slab for at least 400mm back, and full width of lift base.



NOTES

Ref: ED01010a, Dated: 10/06/2004

Terry Melody 1 Site Preparation Details

Rise must be smooth and flush. Height of rise must not exceed 260mm without upper level protection.

Ensure adequate drainage when lift is outside. Drainage grooves position to suit site requirements. **600mm max** between grooves.

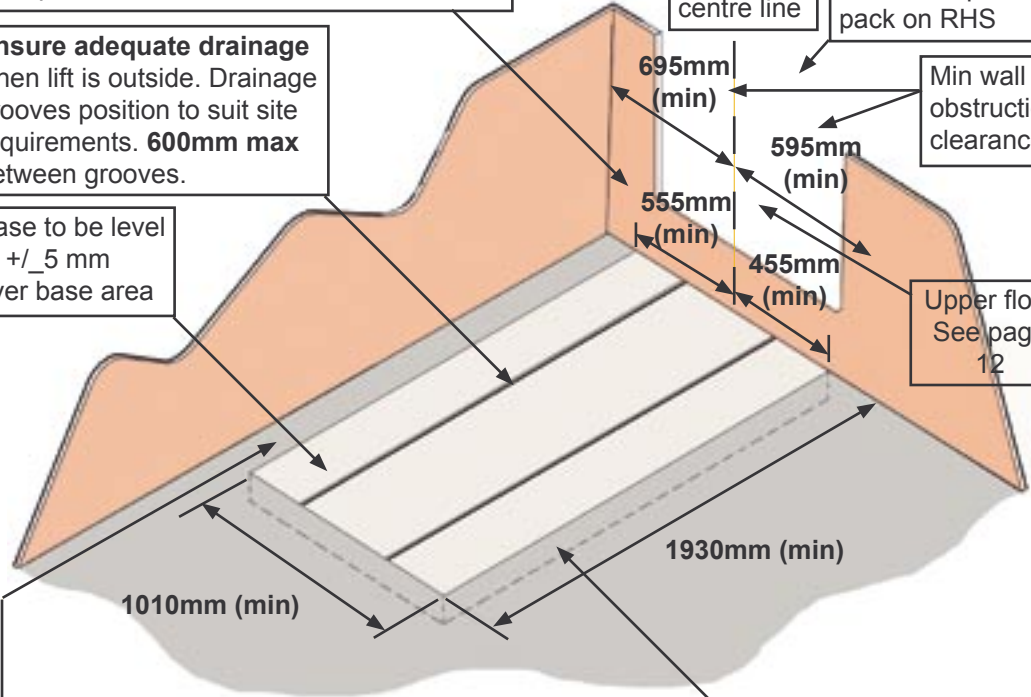
Base to be level to +/- 5 mm over base area

Dimensions shown with power pack on LHS. Reverse if power pack on RHS

Door way centre line

Min wall or obstruction clearance

Upper floor See page 12

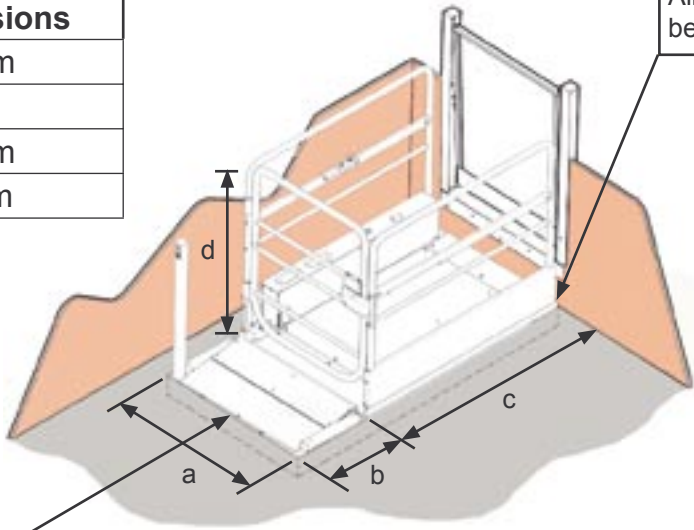


NOTE Gate hinge side/ Power pack side of lift **150mm clearance required to any wall or obstruction**. If with no handrail on other side of lift, 10mm max to flush vertical, smooth wall at least 1100mm above the upper floor level.

100mm (min) thick concrete base or suspended floor with well secured 18mm plywood covering (WBP grade).

Lift dimensions	
a	1000mm
b	480mm
c	1450mm
d	1100mm

Allow **10mm** between lift and wall.



1500mm circulation space.

Ref: ED01011a, Dated: 10/06/2004

NOTES

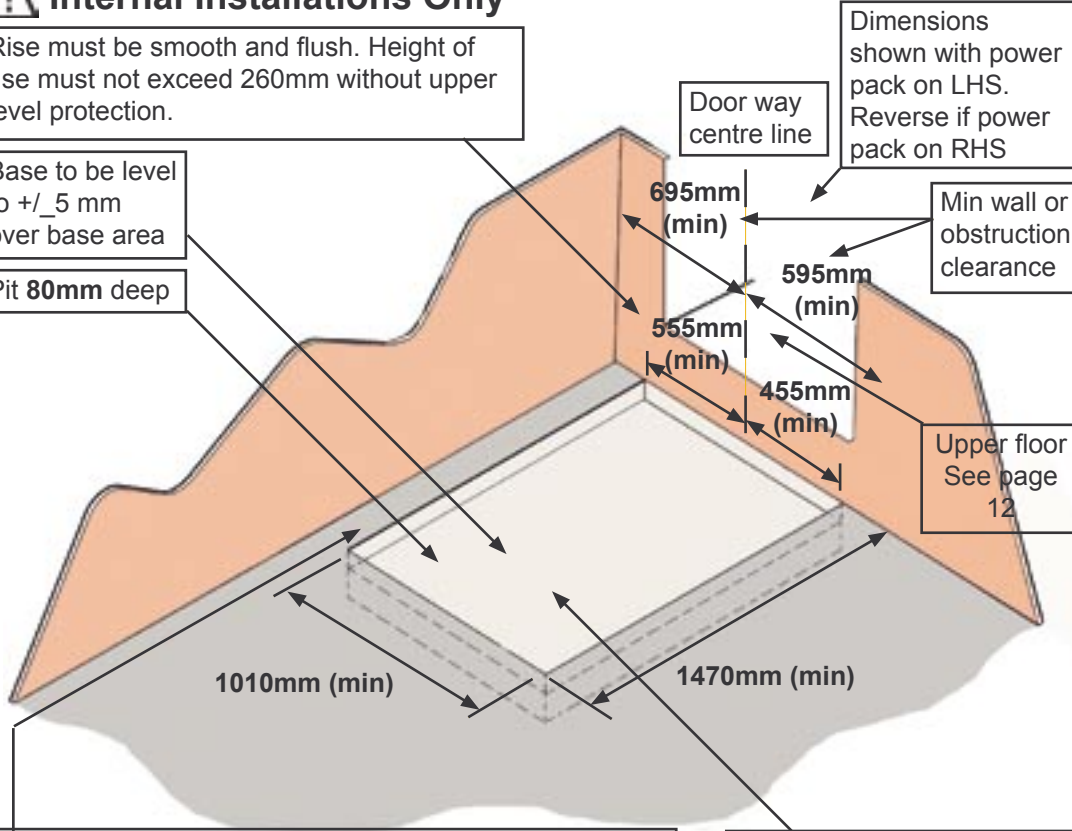
Terry Melody 1 in a Pit - Site Preparation Details

⚠ Internal Installations Only

Rise must be smooth and flush. Height of rise must not exceed 260mm without upper level protection.

Base to be level to +/- 5 mm over base area

Pit 80mm deep



Dimensions shown with power pack on LHS. Reverse if power pack on RHS

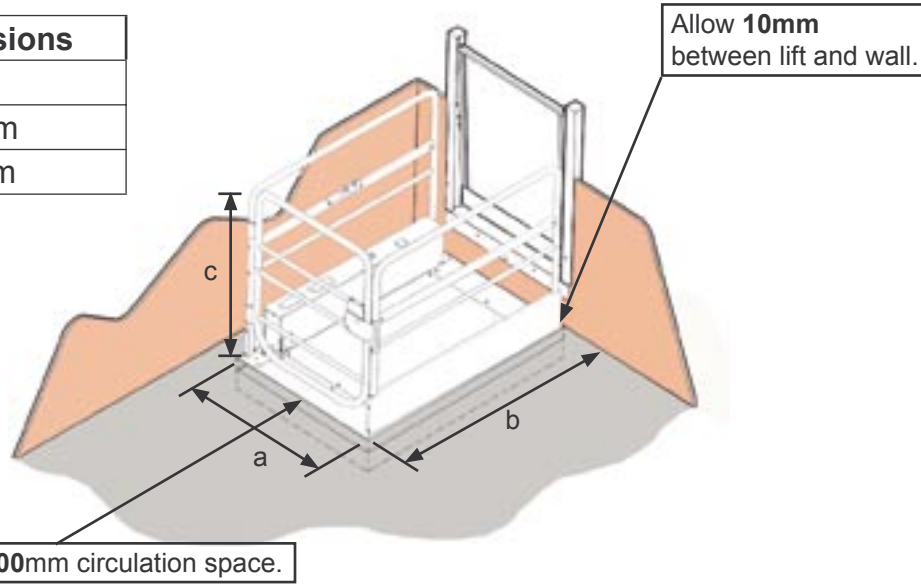
Min wall or obstruction clearance

Upper floor See page 12

NOTE Gate hinge side/ Power pack side of lift 150mm clearance required to any wall or obstruction. If with no handrail on other side of lift, 10mm max to flush vertical, smooth wall at least 1100mm above the upper floor level.

100mm (min) thick concrete base or suspended floor with well secured 18mm plywood covering (WBP grade).

Lift dimensions	
a	990mm
b	1450mm
c	1100mm



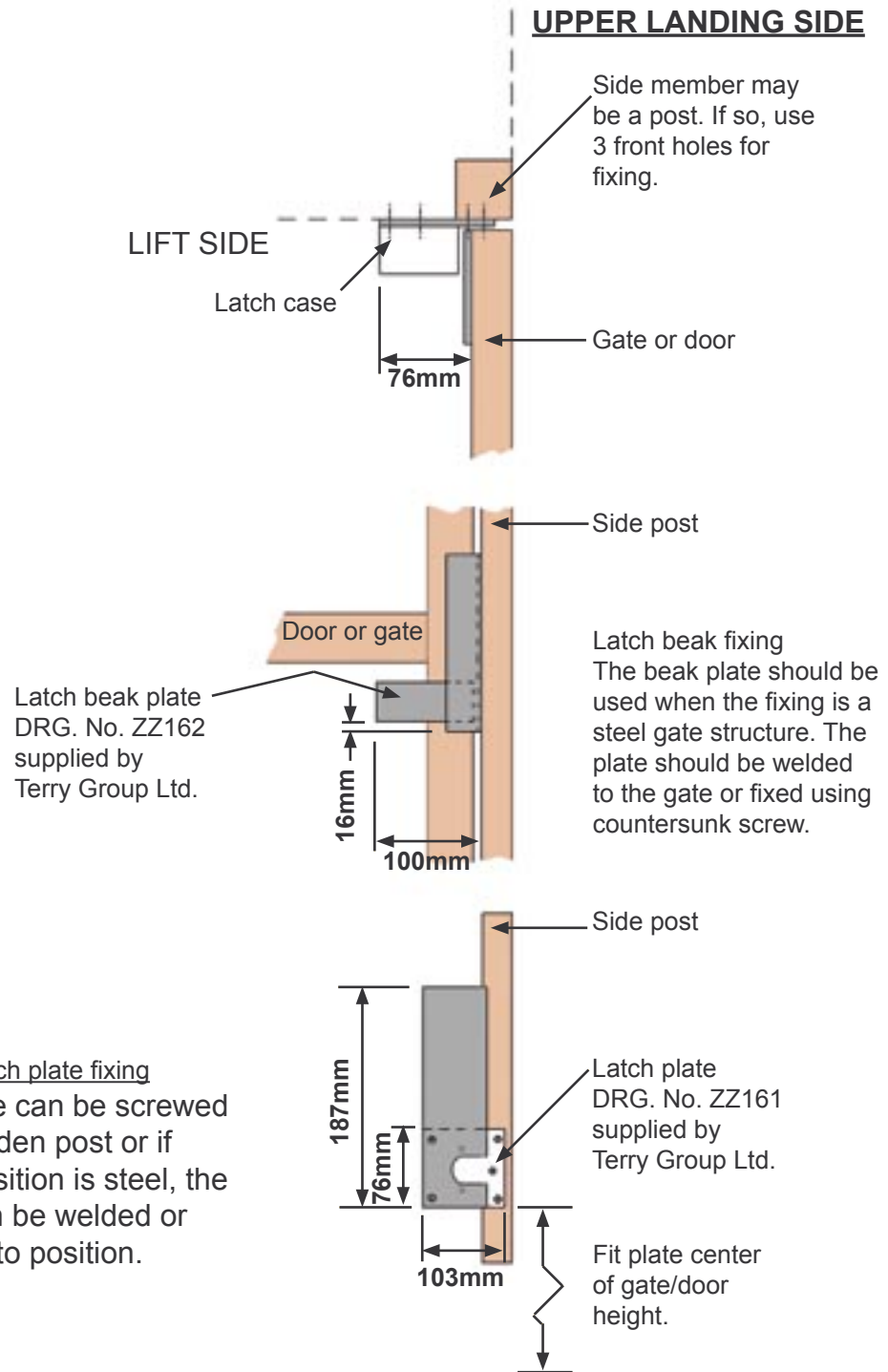
Allow 10mm between lift and wall.

1500mm circulation space.

NOTES

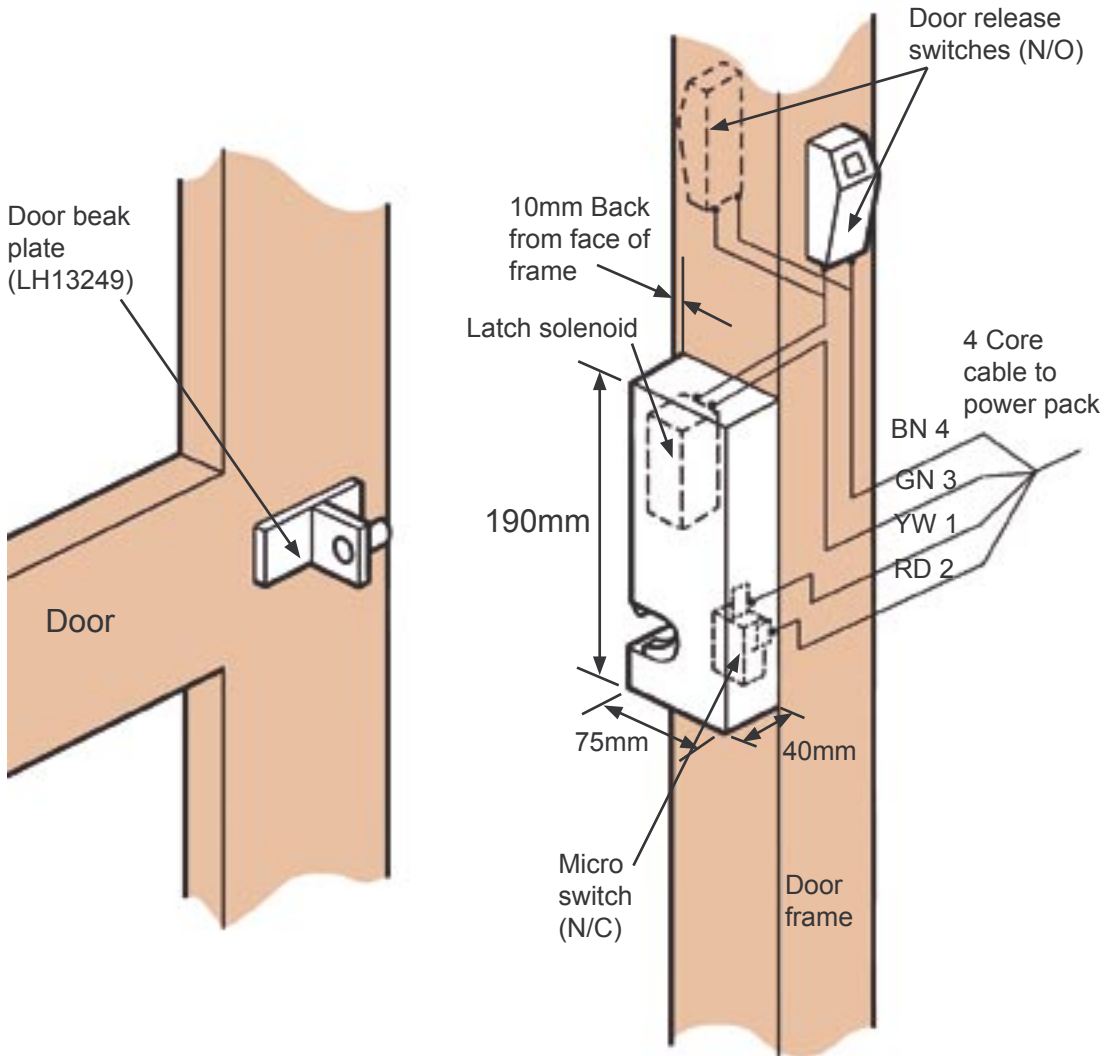
Ref: ED01012a, Dated: 10/06/2004

Terry Melody 1 Gate Latch Plate Positioning



Latch plate fixing
The plate can be screwed to a wooden post or if fixing position is steel, the plate can be welded or bolted into position.

Terry Melody 1 Gate Interlock Wiring

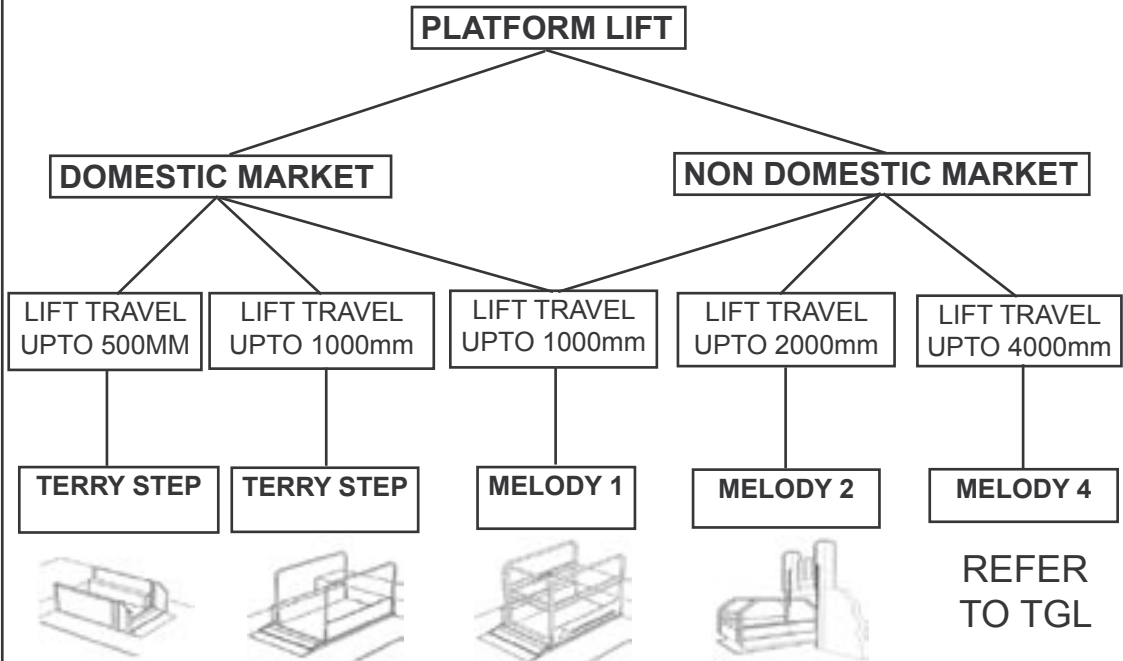


NOTES

Ref: ED01014a, Dated: 10/06/2004

Terry Group Product Range

PLATFORM LIFT – PRODUCT SELECTION



Other Terry products:

Wheelchair stairlifts suitable for Public Access	Harmony domestic vertical lift (seated and wheelchair)
