## Melody 3 Spec Sheet - 900 mm wide platform (For more detailed information please refer to ED23001 - Melody 3 Specifying Guide)

## **A** Running clearances

Lift dimensions

Clearances to the sides of a moving unenclosed platform lift should conform to BS6440:2011 requirements.

#### Adjacent surfaces

a) For adjacent surfaces 10 mm or less from any part of the lift, any projections on the surfaces shall be as Melody 3 Specifying Guide Page 07 Fig.4.

b) If they include projections up to 1.5 mm, they may have square corners.

c) If they include projections from 1.5 mm up to 5 mm, they shall have a minimum of 15° vertical chamfers on all edges.

#### Greater than 100 mm

Can be achieved when:

a) The enclosure walls are continually smooth and flush and fulfil the requirements of point 1 b/c in XB00585 and the lift is positioned a minimum of 100 mm away from the walls.

b) The lift is positioned a minimum of 300 mm from any obstruction.

c) Safe edges can be specified when neither of the above can be achieved

### Bulkheads

When the lift is parked at the upper level, any bulkheads must be more than 300 mm away from the top of the handrails or carriage gate.

There must be a minimum of 2000 mm from the platform floor to any ceiling or obstacle when the lift is parked at the upper level.







# **Terrý Lifts**

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#### Upper Level Structural Detail Landing area preparation Concrete fixing 1200 mm Upper level protection by others For concrete slab specification and landing area preparation 1000 mm 100 mm see Page 1 of this document. 100 mm \* \$ For plinth, timber and steel fixing details . ... A Note 1 see Upper Level Structural Detail. A Note 2 Standard plinth - 274 mm Standard plinth - 174 mm Extended plinth - 674 mm Extended plinth - 574 mm (optional) (optional) 6 x No.12 x 2" screws Concrete level to $\pm$ 5mm. Ensure upper level surface Chem-fix Ø16 mm x Minimum 100 mm continues through to lifting 96 mm pins into holes 1150 mm face. A See Note 2 1500 mm (min) For front fixings use: M8 Rawl bolts into concrete. Coach bolts into timber. M8 screws into steel. Lifting face Timber fixing First floor by others Concrete type plinth 200 mm (min) Loadings Chem-fix Ø16 mm x 96 mm pins into holes Timber joists to be firmly retained at ends to prevent twist/pull out, 3 off 225 mm x 50 mm softwood (or tied back to other structure 3000 joists coach bolted through at 300 mm centres off-set from with galvanised mild steel straps) \Lambda See Note 2 🗕 the centreline Lifting face 2500 Steel fixing Min 7 off graded 10.9 M10 Hot rolled CSK fully threaded screws, steel channel Alt type plinth Lifting height (mm) 2000 washers and nyloc nuts, Staggered 30 mm (max) to ensure 50 mm grip strip cover screws. evenly spaced. 1500 First floor ▲ See Note 1 by others All steel support members Access required 1000 designed by others must to secure bolts accommodate loadings in Lifting face the graph opposite. Suggested layout of screws. Final screw position dependent on steelwork detail. 500 0 5 10 A steel structure which can support the loads indicated in the Loadings graph could provide an alternative to a concrete slab. An alternate upper level plinth must be specified to be fixed to a steel structure using a minimum of 7 graded 10.9 M10 CSK fully threaded screws, washers and nyloc nuts. The structure must allow for through fixing with nuts and bolts. Details of Pull out load at upper level (kN) any structure must be approved by Terry Group Ltd.







