

Platform Lift Datasheets

Midlift CL Cabin Platform Lift Range

Stannah

Midilift CL Cabin Platform Range Data Sheets

This technical data provides general guidance on the 385kg option and should not be used as proper working drawings. We also provide CAD blocks and NBS lift specifications on all our products.

We can provide specific site solutions and advise on individual requirements for your project. For any queries regarding your project, to request budget quotes, or to discuss any detailed specifications please contact the Platform Lift Technical Team.

Email: sales@stannah.co.uk

Tel: **01264 351922**

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hydraulic drive up to 12m travel*

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Midilift CL Cabin Platform Lift

Datasheet for structure mounted option (385Kg capacity)

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Specifications:

Rated Load: 385kg
Rated Speed: 0.15m/s
Maximum Travel: 12m
Maximum number of stops: 7
Internal height of cabin enclosure: 2.1m
Controls: Constant pressure
Noise Level: 57-63 dB

Notes:

- (1) All dimensions in mm unless stated.
- (2) Min Travel for same side entrance = Door frame height + 300mm
Min Travel for Opposite and Adjacent entrances = 500mm
- (3) Headroom is 2550mm from FFL based on 2100mm internal cabin height. Headroom is calculated as Internal cabin height + 450mm
- (4) If pit cannot be formed a ramp is available as an optional extra.
- (5) Min. lintel height required for standard door closers = 2170mm. (add Pit depth to dim if ramp option is being used - this applies only to the lower floor).
- (6) Part M (England & Wales) (see * & **) or section 4.2 of the Technical Handbook (Scotland) compliant (See **).
- (7) Range of cabin finishes available, please contact us for further information.

Electrical Requirements:

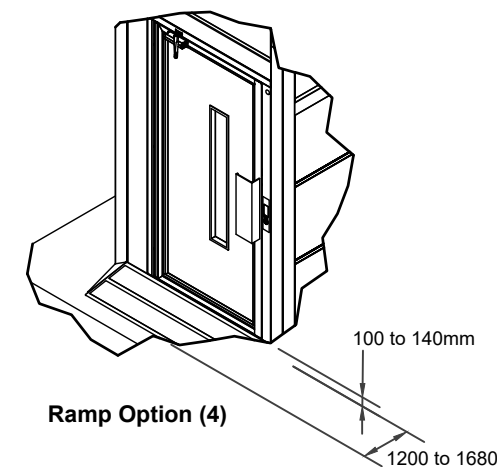
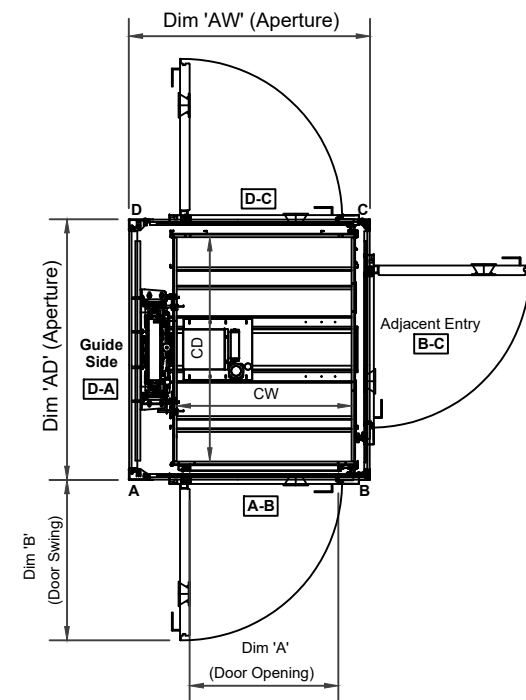
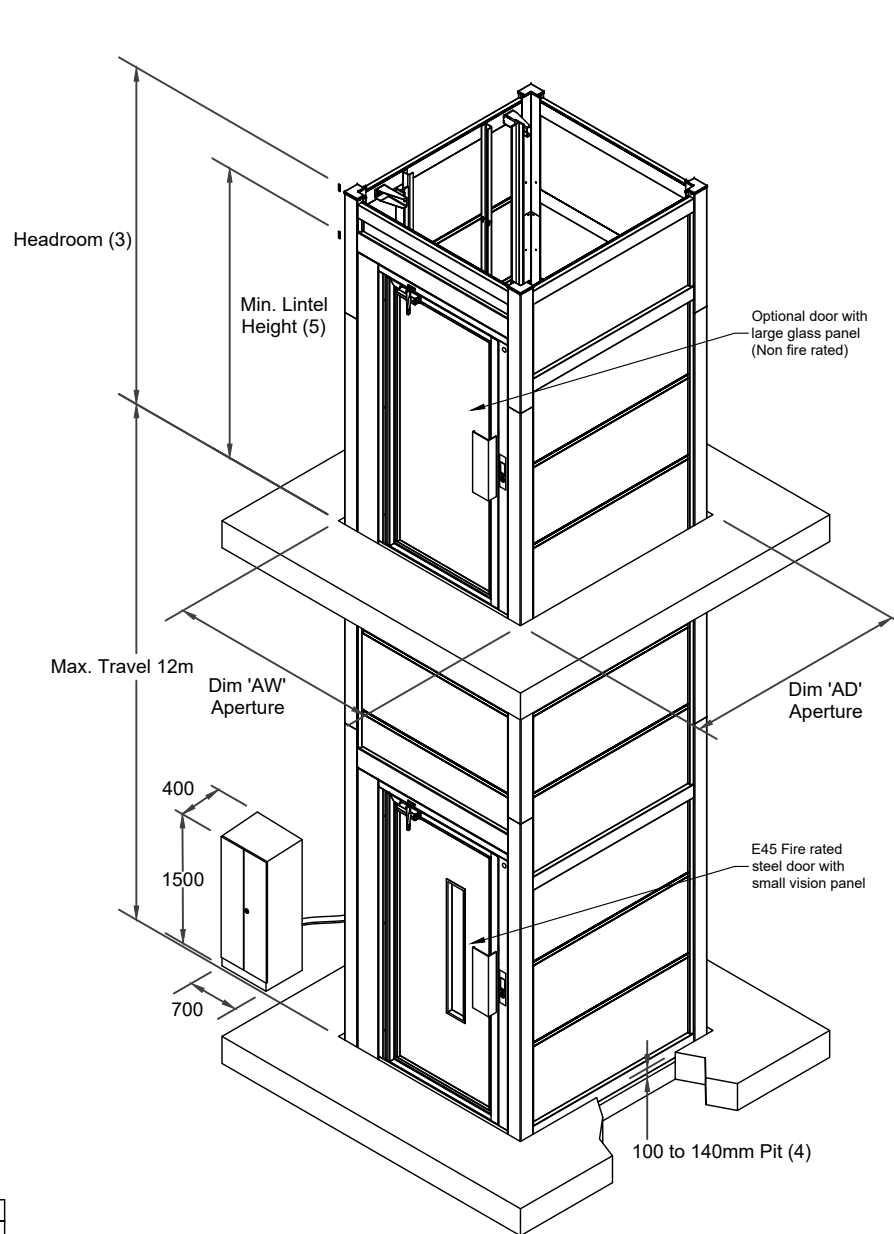
- (8) Provide a dedicated single phase supply protected by a 25amp type C MCB. The lift supply is to terminate in a lockable isolator at a position shown on builders work diagram.
- (9) Provide a 13amp electrical outlet socket adjacent to the lift installations at all levels. The supply to these sockets is **not** to be derived from the lift supply detailed in note 8 above
- (10) Ensure that lighting at all landing levels is not less than 50lux.

Fixings:

- (11) The lift is fixed to the floor at the base of the enclosure. Fixings are also required at other points, the exact location depends on travel and configuration. Please contact us to discuss further.

Control Equipment:

- (12) The drive unit and electrical control equipment are housed in a separate enclosure, which should be floor mounted and located within 5m of the base of the lift (guide side).



Platform size (CW x CD)	Door opening	Door swing	Aperture (+50/-0)	
	Dim 'A'	Dim 'B'	Dim 'AW'	Dim 'AD'
900 x 1100	800	848	1302	1322
900 x 1400 (6) *	800	848	1302	1622
1100 x 1400 (6) **	900	948	1502	1622

Waiver

The data sheet is for guidance only & must not be used for proper working drawings. Please contact us for particular details before proceeding. Owing to our policy of continual improvement, we reserve the right to alter specifications & dimensions without prior notice.

Stannah Lifts Ltd.
Watt Close, Andover,
Hampshire, SP10 3SD
Tel: 01264 339090
sales@stannah.co.uk

Information
sheet
CL 801
25/07/2023



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Midilift CL Cabin Platform Lift

Datasheet for shaft mounted option (385Kg capacity)

Stannah

Specifications:

Rated Load: 385kg
Rated Speed: 0.15m/s
Maximum Travel: 12m
Maximum number of stops: 7
Internal height of cabin enclosure: 2.1m
Controls: Constant pressure
Noise Level: 57-63 dB

Notes:

- (1) All dimensions in mm unless stated.
- (2) Min Travel for same side entrance = Door frame height +300mm
Min Travel for Opposite and Adjacent entrances = 500mm
- (3) Headroom is 2450mm from FFL based on 2100mm internal cabin height. Headroom is calculated as Internal cabin height + 350mm
- (4) Standard Pit depth 100mm from FFL. Deeper pit required for some flooring options (140mm deep)
- (5) Min. lintel height required for standard door closers = 2170mm. (add Pit depth to dim if ramp option is being used - this applies only to the lower floor).
- (6) Part M (England & Wales) (see * & **) or section 4.2 of the Technical Handbook (Scotland) compliant (See **).
- (7) Range of cabin finishes available, please contact us for further information.

Electrical Requirements:

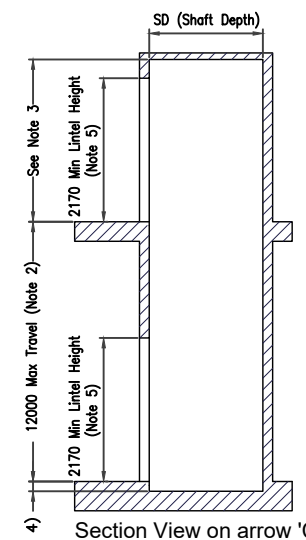
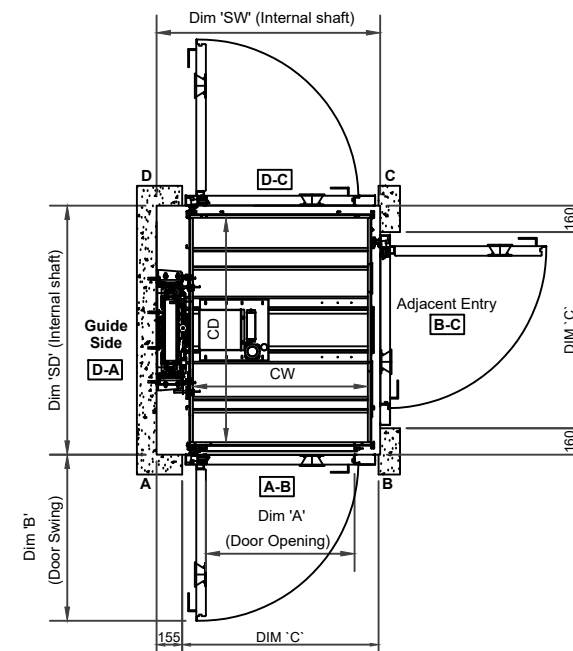
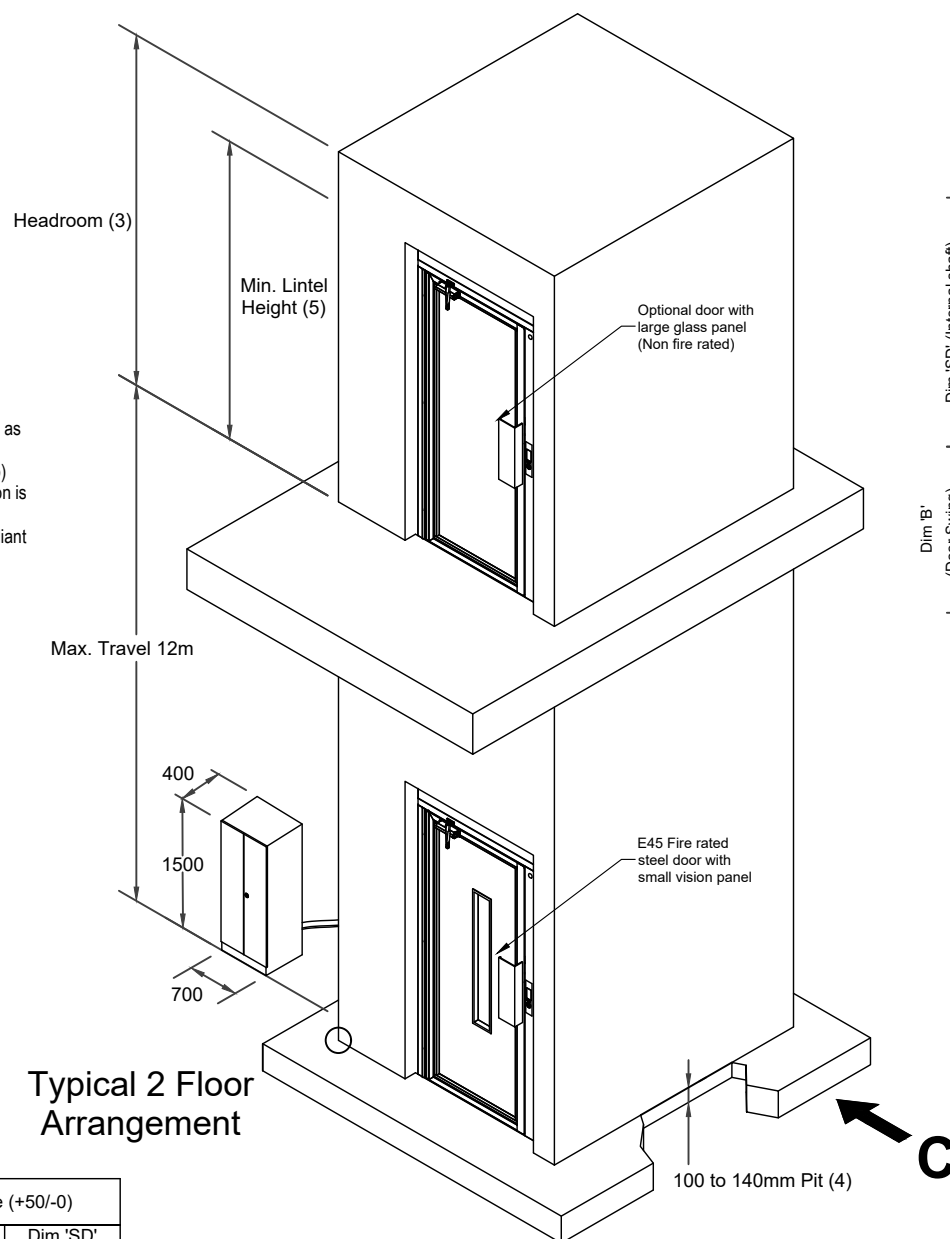
- (8) Provide a dedicated single phase supply protected by a 25amp type C MCB. The lift supply is to terminate in a lockable isolator at a position shown on builders work diagram.
- (9) Provide a 13amp electrical outlet socket adjacent to the lift installations at all levels. The supply to these sockets is not to be derived from the lift supply detailed in note 8 above
- (10) Ensure that lighting at all landing levels is not less than 50lux.

Fixings:

- (11) The lift is fixed to the floor at the base of the enclosure. Fixings are also required at other points, the exact location depends on travel and configuration. Please contact us to discuss further.

Control Equipment:

- (12) The drive unit and electrical control equipment are housed in a separate enclosure, which should be floor mounted and located within 5m of the base of the lift (guide side).



	Door opening	Door swing	Structural opening	Aperture (+50/-0)	
Platform size (CW x CD)	Dim 'A'	Dim 'B'	Dim 'C'	Dim 'SW'	Dim 'SD'
900 x 1100	800	848	1090	1155	1210
900 x 1400 (6) *	800	848	1090	1155	1510
1100 x 1400 (6) **	900	948	1190	1355	1510

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Stannah Lifts Ltd.
Watt Close, Andover,
Hampshire, SP10 3SD
Tel: 01264 339090
sales@stannah.co.uk

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Midilift CL Cabin Platform Lift

Datasheet for structure mounted option with Cabin doors (385Kg capacity)

Stannah

Specifications:

Rated Load: 385kg
Rated Speed: 0.15m/s
Maximum Travel: 12m
Maximum number of stops: 7
Internal height of cabin enclosure: 2.1m
Controls: Automatic (With car door option) call controls as standard.
Noise Level: 57-63 dB

Notes:

- (1) All dimensions in mm unless stated.
- (2) Min Travel for same side entrance = Door frame height + 300mm
Min Travel for Opposite and Adjacent entrances = 500mm
- (3) Headroom is 2550mm from FFL based on 2100mm internal cabin height. Headroom is calculated as Internal cabin height + 450mm
- (4) If pit cannot be formed a ramp is available as an optional extra.
- (5) Min. lintel height required for standard door closers = 2170mm. (add Pit depth to dim if ramp option is being used - this applies only to the lower floor).
- (6) Part M (England & Wales) (see * & **) or section 4.2 of the Technical Handbook (Scotland) compliant (See **).
- (7) Range of cabin finishes available, please contact us for further information.

Electrical Requirements:

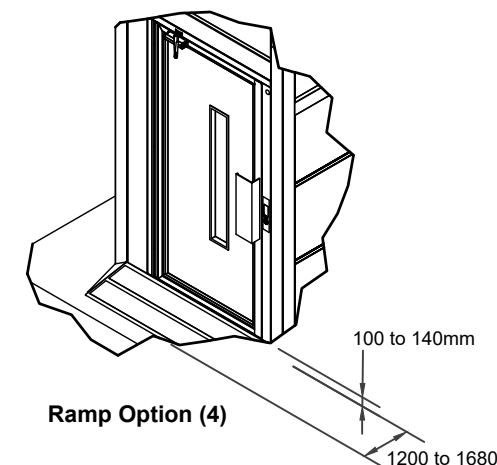
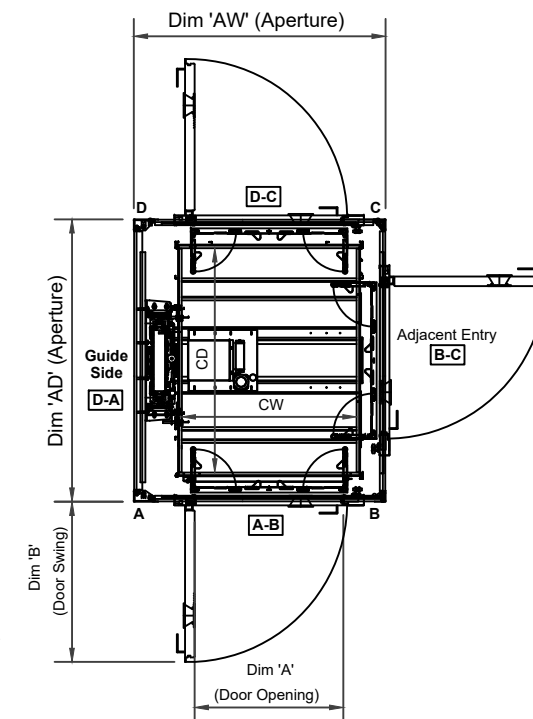
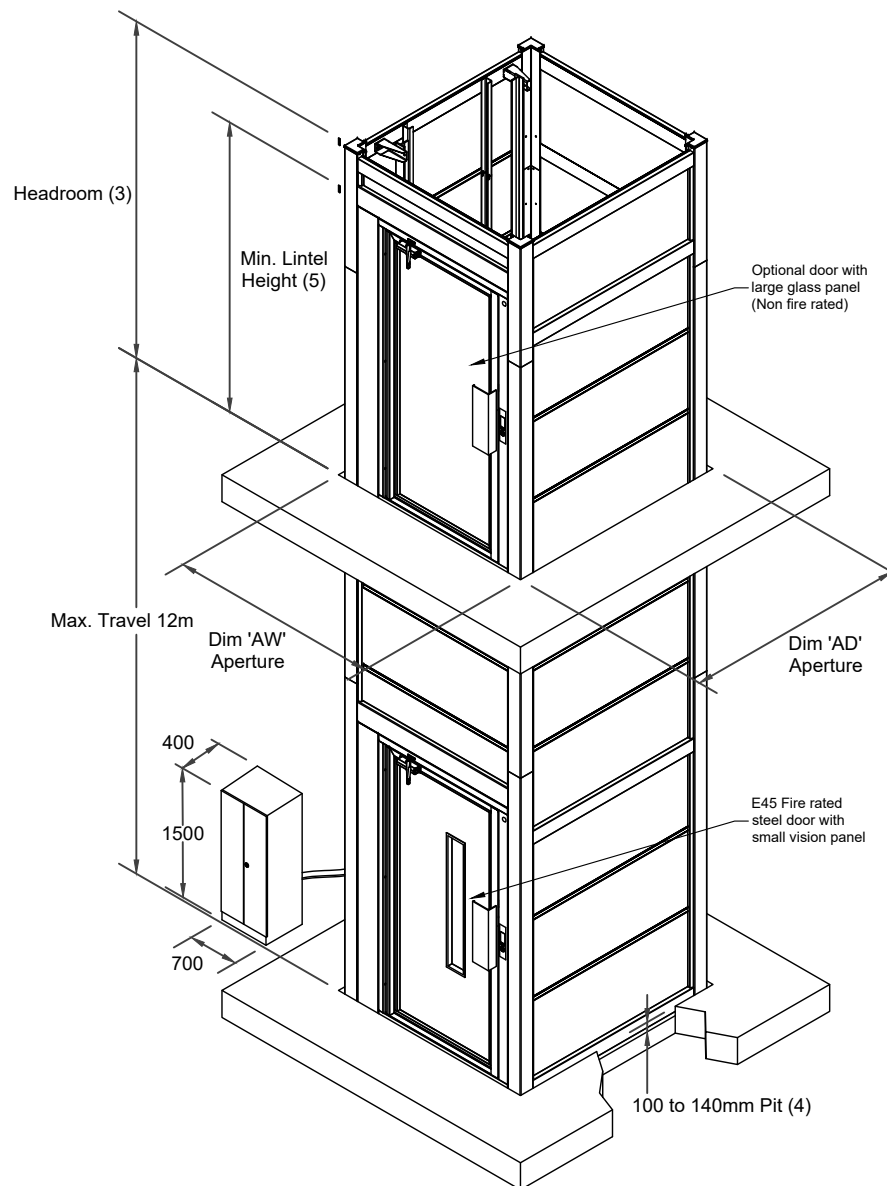
- (8) Provide a dedicated single phase supply protected by a 25amp type C MCB. The lift supply is to terminate in a lockable isolator at a position shown on builders work diagram.
- (9) Power is from 1.4 up to 4kW, depending on model selected
- (10) Provide a 13amp electrical outlet socket adjacent to the lift installations at all levels. The supply to these sockets is not to be derived from the lift supply detailed in note 8 above
- (11) Ensure that lighting at all landing levels is not less than 50lux.

Fixings:

- (12) The lift is fixed to the floor at the base of the enclosure. Fixings are also required at other points, the exact location depends on travel and configuration. Please contact us to discuss further.

Control Equipment:

- (13) The drive unit and electrical control equipment are housed in a separate enclosure, which should be floor mounted and located within 5m of the base of the lift (guide side).



Cabin Size CW x CD	Door Opening Dim A	Door Swing Dim B	Door Config	Aperture (+50/-0)	
				AW	AD
900 x 1100	800	848	Single	1302	1387
			Through	-	1452
			Adjacent	-	-
950 x 1400 (6) *	800	848	Single	1302	1687
			Through	-	1752
			Adjacent	-	-
1100 x 1400 (6) **	900	948	Single	1502	1687
			Through	-	1752
			Adjacent	1567	1687

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Stannah Lifts Ltd.
Watt Close, Andover,
Hampshire, SP10 3SD
Tel: 01264 339090
sales@stannah.co.uk

Information
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CL 803
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Midilift CL Cabin Platform Lift

Datasheet for shaft mounted option with Cabin doors (385Kg capacity)

Stannah

Specifications:

Rated Load: 385kg
Rated Speed: 0.15m/s
Maximum Travel: 12m
Maximum number of stops: 7
Internal height of cabin enclosure: 2.1m
Controls: Automatic (With car door option) call controls as standard.
Noise Level: 57-63 dB

Notes:

- (1) All dimensions in mm unless stated.
- (2) Min Travel for same side entrance = Door frame height + 300mm
Min Travel for Opposite and Adjacent entrances = 500mm
- (3) Headroom is 2450mm from FFL based on 2100mm internal cabin height. Headroom is calculated as Internal cabin height + 350mm
- (4) Standard Pit depth 100mm from FFL. Deeper pit required for some flooring options (140mm deep)
- (5) Min. lintel height required for standard door closers = 2170mm. (add Pit depth to dim if ramp option is being used - this applies only to the lower floor).
- (6) Part M (England & Wales) (see * & **) or section 4.2 of the Technical Handbook (Scotland) compliant (See **).
- (7) Range of cabin finishes available, please contact us for further information.

Electrical Requirements:

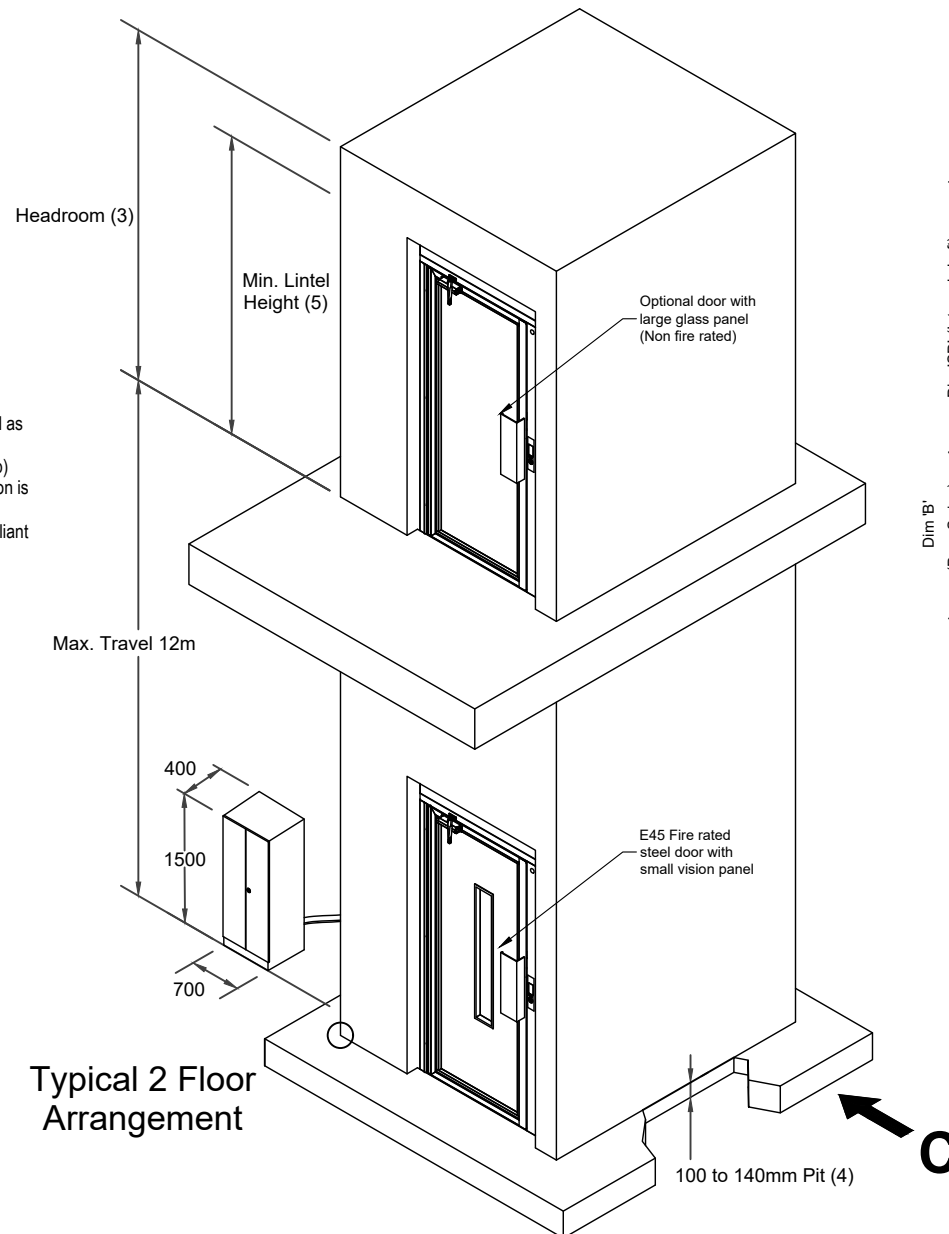
- (8) Provide a dedicated single phase supply protected by a 25amp type C MCB. The lift supply is to terminate in a lockable isolator at a position shown on builders work diagram.
- (9) Provide a 13amp electrical outlet socket adjacent to the lift installations at all levels. The supply to these sockets is not to be derived from the lift supply detailed in note 8 above
- (10) Ensure that lighting at all landing levels is not less than 50lux.

Fixings:

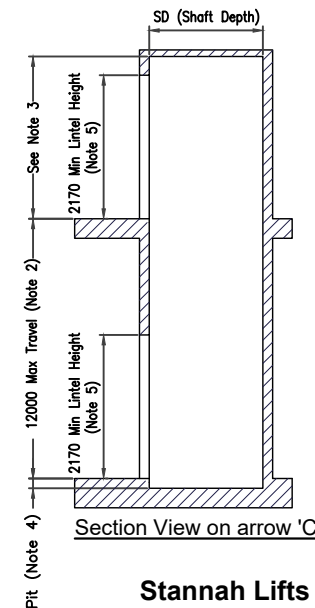
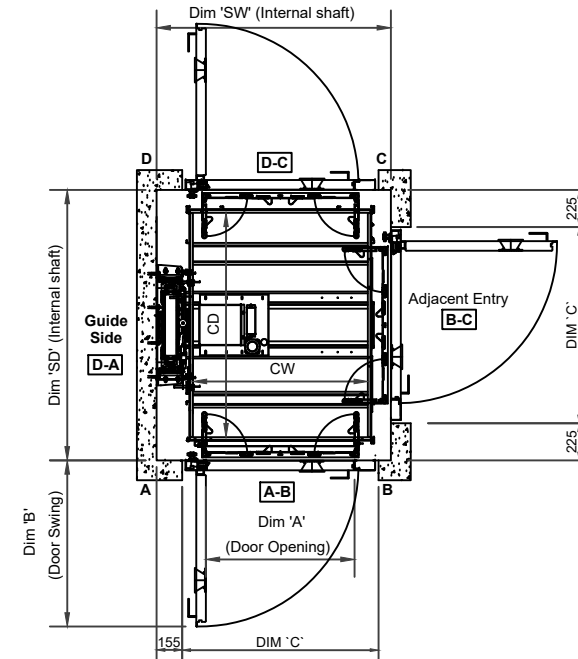
- (11) The lift is fixed to the floor at the base of the enclosure. Fixings are also required at other points, the exact location depends on travel and configuration. Please contact us to discuss further.

Control Equipment:

- (12) The drive unit and electrical control equipment are housed in a separate enclosure, which should be floor mounted and located within 5m of the base of the lift (guide side).



Typical 2 Floor
Arrangement



Stannah Lifts Ltd.
Watt Close, Andover,
Hampshire, SP10 3SD
Tel: 01264 339090
sales@stannah.co.uk

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sheet
CL 804
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Cabin Size CW x CD	Door Opening Dim A	Door Swing Dim B	Door Config	Aperture (+50/-0)		Structural Opening Dim C
				SW	SD	
900 x 1100	800	848	Single Through	1155	1275	1090
			Adjacent	-	1340	
950 x 1400 (6) *	800	848	Single Through	1155	1575	1090
			Adjacent	-	1640	
1100 x 1400 (6) **	900	948	Single Through	1355	1575	1190
			Adjacent	1420	1575	



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Midilift CL Cabin Platform Lift

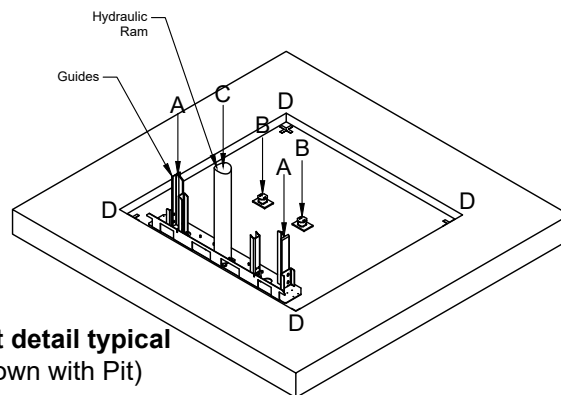
Explanation of loadings for Structure mounted - 385Kg capacity

Stannah

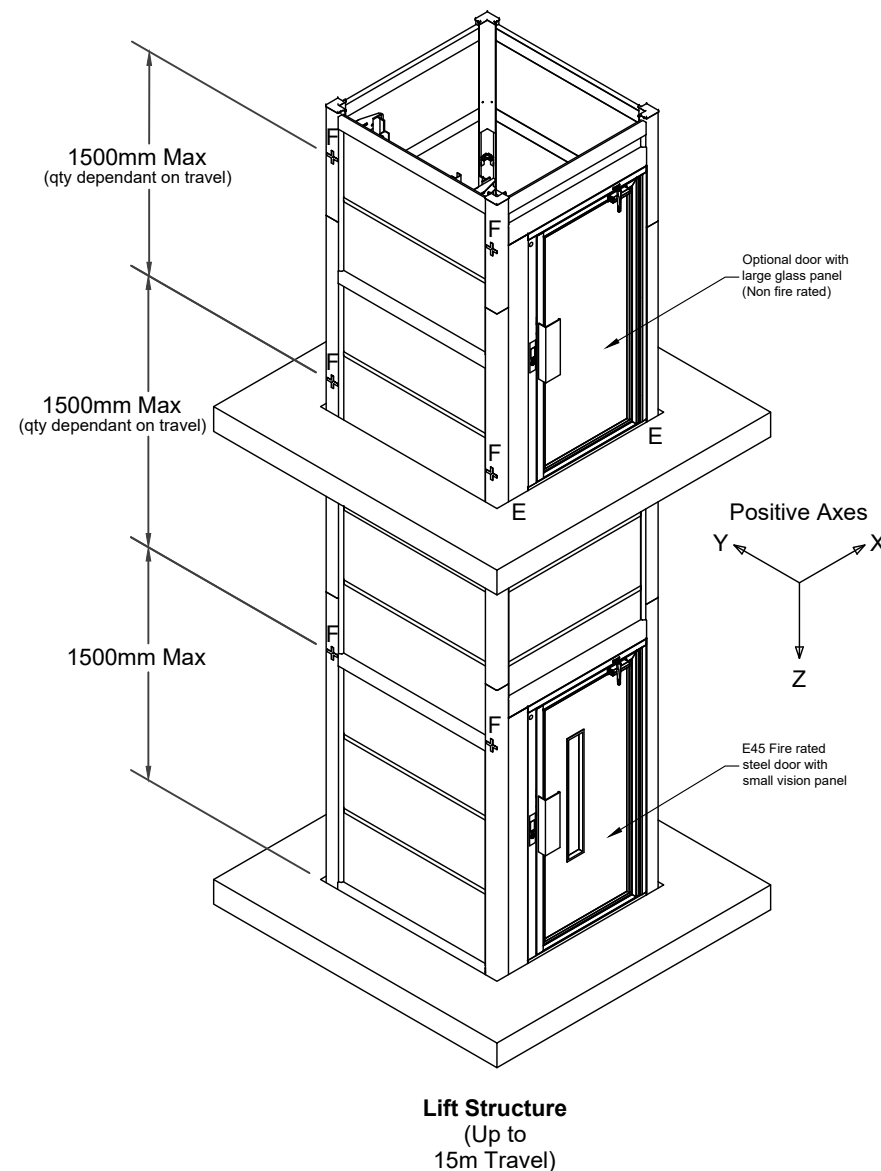
Position	X (kN)	Y (kN)	Z (kN)	Comments
A	0	0	+16.0 x 2	Vertical load at the base of each car guide
B	0	0	+9.0 x 2	Vertical load at each car buffer
C	0	0	+19.0	Vertical load at the base of hydraulic ram
D	0	0	0	Structure corner floor fixings in each corner
E	0	±1.20	0	Door frame fixing at each entrance (loading directions relative to door orientation)
F	-1.00	±4.70	+16.1	Guide fixing (stated loads shared between 2 fixings at each F position)

Notes:

- Details provided apply to Midilift CL indoor applications with Structure, max 15m travel, where all specified fixings can be made directly into solid substrate or structural members. The table & sketches show all loads from the lift.
- Loads**
Loads from the lift occur in all 3 axes (X, Y & Z). All values stated in the table are per position indicated in the sketches. All loads stated are for 'Standard cabin' conditions (of load & travel). For a more accurate Loads table please contact Stannah. Where appropriate impact factors have been accounted for.
- General Horizontal plane fixings**
Fixings at lettered positions (D, E and F) are compulsory. Forces apply in directions indicated in the table (note door loading, E are relative to door orientation). Positive directions shown in the sketch 'Positive axes'.
- Preferably, the lift well should not be situated above a space accessible to persons. If spaces accessible to persons exist below the lift well, then base of the pit shall be designed for an imposed load as indicated above in the Table.
- It shall be the customer's responsibility to ensure suitability of the building structure for the applied loads, both in terms of strength, & also suitability of the fixings proposed. If any doubts exist, it is advised that a structural engineer is consulted.
- All dimensions in mm unless otherwise stated.



Lift pit detail typical
(Shown with Pit)



Lift Structure
(Up to
15m Travel)

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Stannah Lifts Ltd.
Watt Close, Andover,
Hampshire, SP10 3SD
Tel: 01264 339090
sales@stannah.co.uk

Information
sheet
CL 805
25/07/2023



Stannah Lifts

Watt Close, East Portway, Andover, Hampshire SP10 3SD
Telephone: 01264 339090

www.stannahlifts.co.uk

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