

Stannah Microlift: 50kg and 100kg engineering data



Microlift 50kg

Model	Capacity	Car (w x d x h)	Entrance (w x h)	Serving Height	Shaft (w x d)	Pit Depth	Headroom
DD50	50kg	510 x 320 x 800	320 [§] x 770	800	725 x 520	-	2600
50A	50kg	545 x 420 x 800	420 [§] x 770	800	820 x 640	-	2600*
50B	50kg	520 x 520 x 800	420 x 770	800	800 x 800	-	2600*
50C	50kg	620 x 620 x 800	520 x 770	800	900 x 900	-	2600*

Microlift 100kg

Model	Capacity	Car (w x d x h)	Entrance (w x h)	Serving Height	Shaft (w x d)	Pit Depth	Headroom
100A	100kg	720 x 720 x 1000	620 x 970	800	1000 x 1000	-	2800*
100B	100kg	820 x 820 x 1200	720 x 1170	800	1100 x 1100	-	3000*

Note:

The above tables show the standard models that we keep in stock. If you require a lift with specific dimensions manufactured for you, please contact us for details. All dimensions in mm.

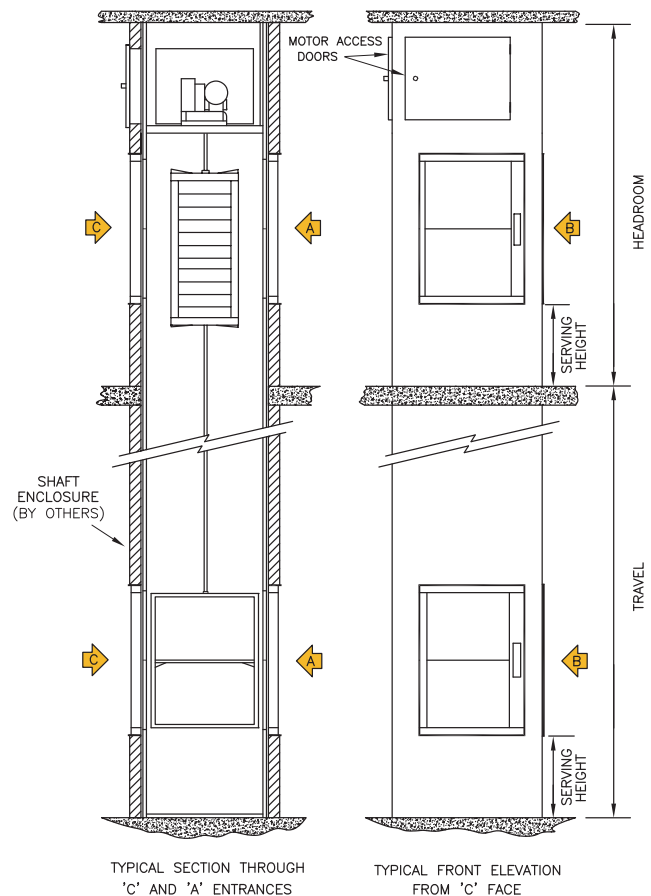
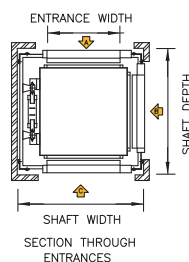
All models shown include rise and fall shutters. Models are also available offering floor level serving - please see separate datasheet or ask us for details.

§ Entrance position 'B' is not available on the DD50 model but can be provided on the 50A model with a reduced entrance width of 320mm.

* A reduction in headroom may be available - please contact us for more details.

Choice of entrance arrangements

Entrances are available on any of three sides - A, B and C. Please refer to diagram to the right.



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

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Safe maintenance access

The lift owner is responsible for ensuring a service engineer is able to access the motor compartment in a safe manner.

Access doors to the motor compartment are required on one or two faces of the lift shaft, depending on the configuration of the lift. The doors must be hinged and lockable.

Our builders work drawings contain more detailed information on this topic but please do not hesitate to contact us if you have any questions.

Specification

- Car:** Constructed in mild steel, finished in grey baked enamel RAL 7038 with a stainless steel base and a removable stainless steel shelf. The car can also be finished in stainless steel.
- Speed:** 0.35m/s.
- Entrances:** The landing entrances are protected by high quality rise and fall shutters which are fitted with safety locks and can be finished in either grey baked enamel RAL 7038 or stainless steel. Hinged doors are available as an option on all models.
- Car entrance protection:** The lift car entrance is protected by a rise and fall shutter which protects goods from falling whilst the lift is in motion. Lifts fitted with hinged doors will be fitted with a collapsible gate protecting the car entrance.
- Entrance locations:** Entrances are available on any of three sides – please refer to the diagram overleaf for more information.
- Control:** Fully automatic push button control with call and send buttons at each entrance for ease of use.
- Indicators:** “Lift arrival”, “lift occupied” and “lift position” indicators are fitted at each entrance, together with an audible lift arrival buzzer.
- Travel:** Up to 12 stops over a total distance of 30m of travel.
- Mounting:** The Microlift is supplied with a structure-supported frame which is galvanised for longer life. We do not require a separate motor room or “load-bearing” lift shaft.
- Motor:** Mounted at the top of the lift structure, the smooth, quiet motor drives a high quality reduction gearbox fitted with a traction vee-sheave. An electro-magnetic disc brake is supplied, with emergency release mechanism. The reliable controller and counter-balance drive system ensure electrical consumption is minimal.
- Safety:** Complies with the Essential Safety Requirements (ESRs) of the Machinery Directive 2006/42/EC and EN 81-3 where applicable.

Additional options include: heated car, additional and/or heated shelves, intercom system, load weighing.



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