

Stannah Trolleylift

Engineering data 250kg, 300kg, 500kg



An independent family business since 1867

250kg models

Model	Total Capacity	Width	Car Depth	Height	Car Entrance Width	Car Entrance Height	Serving Height	Shaft Width	Shaft Depth	Pit Depth	Headroom
250HP	250kg	1000†	950	1175	770	1090	Floor	1320	1320	175*	2600
250CP	250kg	1000†	950	1175	770	1090	Floor	1320	1320	175*	2600

300kg models

Model	Total Capacity	Width	Car Depth	Height	Car Entrance Width	Car Entrance Height	Serving Height	Shaft Width	Shaft Depth	Pit Depth	Headroom
300HP	300kg	1000†	950	1775	770	1690	Floor	1320	1320	600*	3000
300HP Higher Car Model	300kg	1000†	950	1975	770	1890	Floor	1320	1320	600*	3200
300CP	300kg	1000†	950	1775	770	1690	Floor	1320	1320	600*	3000

500kg models

Our 500kg Trolleylift are custom-built to order. Their exact specification is therefore entirely dependent upon individual circumstances. Please contact us to discuss your specific requirements.

Model	Total Capacity	Car	Car Entrance	Serving Height	Shaft	Pit Depth	Headroom
500HP	500kg	Heights available range from 1000 to 2500. There is no standard car size (w x d)	Dependent upon lift car size	Floor	Dependent upon lift car size	80-300* depending on lift car size	Dependent upon lift travel

Important notice

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.

Notes:

All dimensions are in millimetres.

HP = single hinged steel landing door
CP = concertina shutter leaf landing gate (not available on 1975mm high car)

* Important information on pit depth: The Trolleylift normally serves at floor level and would require a pit in the lowest floor. If you are unable to provide a pit the Trolleylift can be installed to serve at 175mm above the lowest floor and a ramp will need to be provided by your builder. A reduction in the pit depth on the 300kg model to 175mm is possible on certain models – please contact us for details.

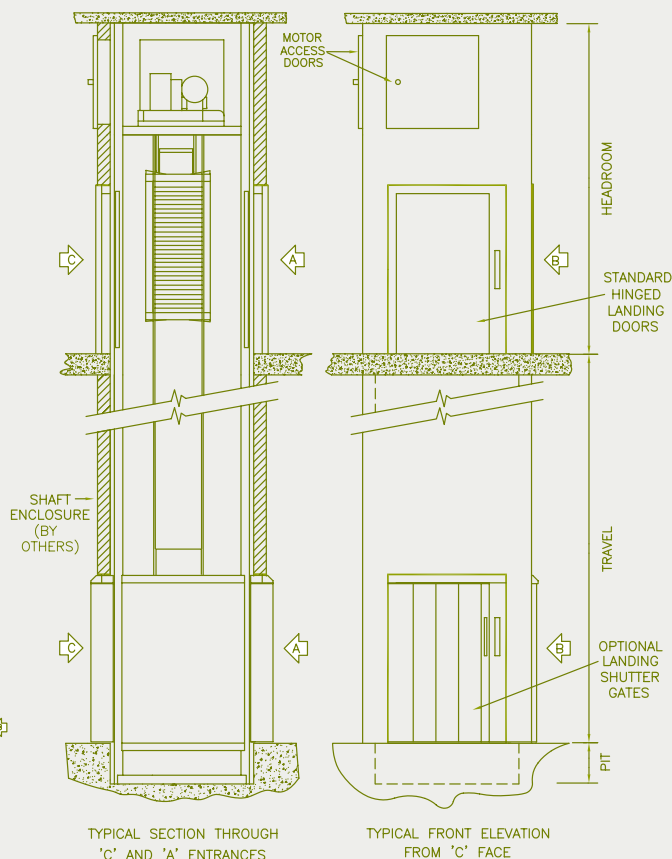
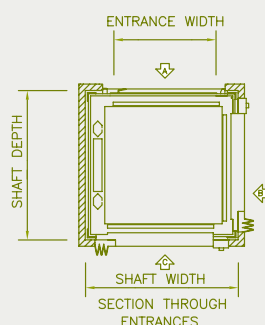
† If the car has a through/adjacent car entry arrangement, the car depth/width will be reduced by 50mm.



Upper landing: single hinged steel door
Lower landing: optional shutter leaf gate

Choice of entrance configurations:

Up to three-way entry is possible on all models: single entry, through-car and adjacent entry.



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Specification

- Car:** Constructed from mild steel sheeting, finished in tough grey baked enamel (RAL 7038) with heavy-duty vinyl covered floor.
- Speed:** 0.17m/s nominal (0.15m/s for 500kg lifts).
- Entrances:** Landing entrances are protected by a single hinged steel door with grey baked enamel finish as standard, or optional concertina shutter leaf gate with galvanised finish. All doors are fitted to our structure and have safety locks to comply with safety regulations.
- Car entrance protection:** The lift car entrance is protected by a collapsible gate which protects goods from falling whilst the lift is in motion.
- Entry choice:** 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 despatch facilities at each landing entrance.
- Indicators:** “Lift arrival”, “lift occupied” and “lift position” indicators and audible lift arrival buzzers are fitted at each floor.
- Travel:** Up to 6 stops over a total distance of 18m (12m for 500kg).
- Mounting:** Supplied in a structure-supported frame, which is galvanized for longer life and does not need load bearing shaft walls. A solid flat base, support at each floor and at the top, together with a pre-formed lift shaft supplied by the builder, is usually all that is required.
- Motor:** Mounted at the top of the lift structure, the 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.
- Power supply:** A 415V three-phase supply is required for the lift and a standard power socket within the motor compartment. Also includes VVVF drive for improved levelling (only for 250-300kg models).
- Safety:** Complies with the Essential Safety Requirements (ESRs) of the Supply of Machinery (Safety) Regulations 2008 (2008 No. 1597) and EN 81-3 where applicable.

Additional options include: concertina shutter leaf gates, intercom system, load weighing, stainless steel car and/or hinged doors, double hinged doors (500kg model), ramp in lieu of pit, safety gear to car and counterweight.



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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.

Stannah Microlifts

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