

Trolleylift

The ideal answer to moving heavier loads of up to 500kg easily and safely over several floors



axess 
LIFTS...*by design* 

Trolleylifts: a helping hand for moving awkward loads

Our experience and vast product range enables us to give you the best advice and the perfect product, within your budget . Product support is provided to you locally via our national network of lift service engineers. Simply put, we aim to make your life easier with a seamless service from order to installation and beyond.

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A truly beneficial addition to any busy workplace

Our Trolleylifts provide a simple answer to moving loads up to 500kg, on trolleys or in roll cages over several floors. The lifts do all the hard work, particularly where continuous movement of stock can be challenging, and at the same time protect staff from injury and help to meet the requirements of the manual handling regulations. All models are supplied with their own structure making installation easy and economical too. Trolleylift provides invaluable help in busy environments.



How long does installation take?

Just two to three days for a two-floor 250kg lift, three to four days for a 300kg lift, or eight to ten days for a 500kg lift. Our specially trained fitters will install your Trolleylift as rapidly as possible with minimal disruption to your premises. A second visit by our engineers will follow once the builders work has been completed. This visit will include the testing and commissioning and training in the safe operation of the equipment.

What about the builders work?

This is quite straightforward and depending on your application, stage one generally falls into two categories: these are **through a floor** or **adjacent to a mezzanine floor**.

In a **through floor** application, usually all that's required is an appropriate-sized opening in each floor, a pit for floor-level serving or a ramp and a three phase power supply. Whereas, if

adjacent to a mezzanine floor, all you need to provide is the space, a pit for floor-level serving or a ramp, suitable scaffolding and a three-phase power supply. Once this basic work has been completed by your builder, we will install your Trolleylift. After we have completed the installation, your builder will, at stage two, clad the framework and decorate to your choice. We then return to check the safety compliance of the builders work, after which we will test, commission and CE mark the lift. So, within a short time you will have a fully-fitted Trolleylift working for you, helping to make life easier.

What is the next step?

Call us to arrange a free survey of your premises. We will be able to offer expert guidance on how to approach your lifting requirements and there's no obligation whatsoever.



Trolleylift 250-500kg 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:** To meet the Essential Safety Requirements (ESRs) of the Machinery (Safety) Regulations, 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 models).
- Mounting:** The Trolleylift is 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 Machinery Directive 2006/42/EC 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.



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

Dimensions & technical details

Trolleylifts are available in a range of models, covering various sizes and weight capacities. There are also choices of door configurations for different applications. With so many options, we recommend that you contact us to discuss your requirements and guide your choice.

250kg models

Model	Total Capacity	Car			Car Entrance		Serving Height	Shaft		Pit Depth	Headroom
		Width	Depth	Height	Width	Height		Width	Depth		
250HP	250kg	1000†	950	1175	770	1090	Floor	1320	1320	175*	2800
250CP	250kg	1000†	950	1175	770	1090	Floor	1320	1320	175*	2800

300kg models

Model	Total Capacity	Car			Car Entrance		Serving Height	Shaft		Pit Depth	Headroom
		Width	Depth	Height	Width	Height		Width	Depth		
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

Notes:

All dimensions are in millimetres.

HP = single hinged steel landing door

CP = concertina shutter leaf landing gate (not available on 1975mm high car)

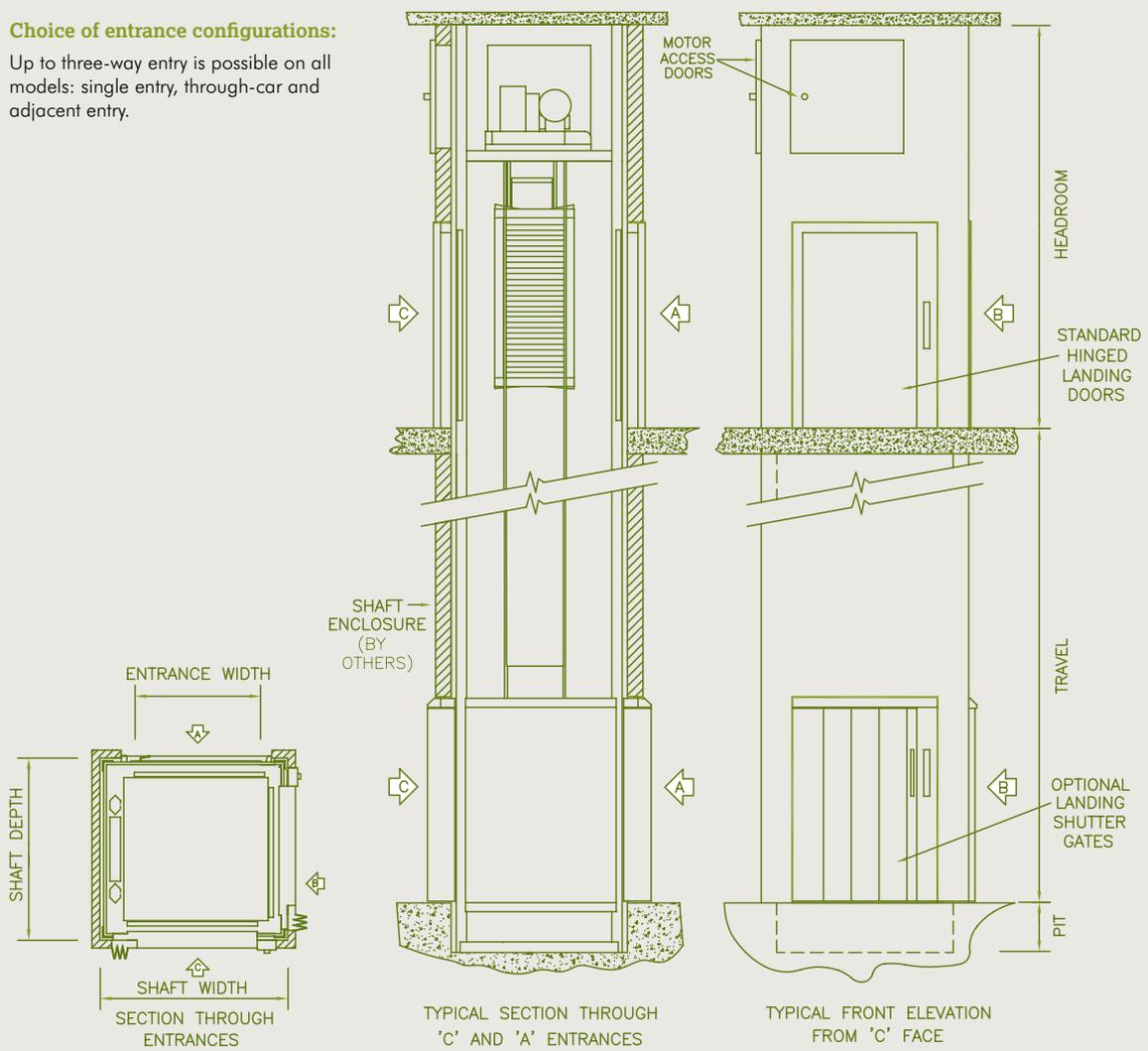
* Important information on pit depth:

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.

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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