



Trio Alta - How It Works

Flexible

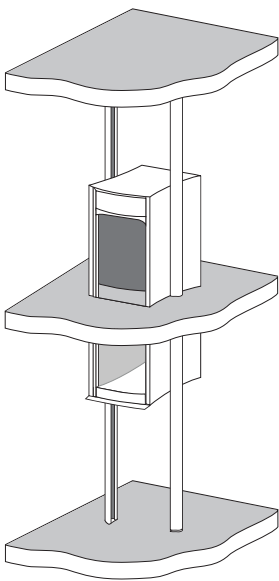
Thanks to the vertical, self-supporting stilts, when positioning a Stiltz Homelift you don't need to worry about windows or radiators being in the way. It can tuck into the corner of a room, the stairwell void, on a landing or even in a closet!

Space Saving

No visible hoists or noisy motors. Stiltz Homelift's unique technology means the lift runs using discreet wire rope hoists and built-in drive equipment which is all neatly concealed within the lift car roof space. That means more space in your home for you, your furniture and your décor.

Simple

Stiltz Homelifts plug directly into domestic power sockets. In the event of a power outage, a battery backup will gently return you to the ground until power is restored. To get you from floor to floor, the lift is operated using the intuitive in-car control panel or through remote controls from outside the lift.



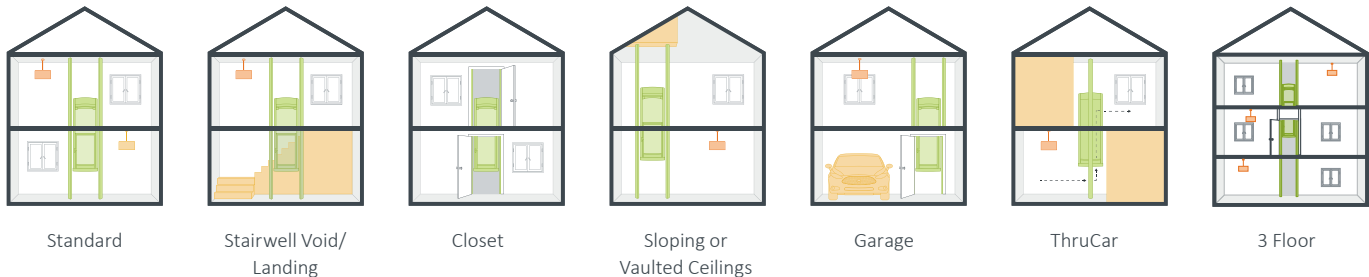
Safety Features



To guarantee safe and comfortable operation at all times, each Stiltz Homelift is equipped with the following safety features as standard:

- 1. A smart LED light curtain can detect obstacles and gently bring the lift to a stop if the light is crossed. This feature is standard across our entire range of lifts.
- 2. The lift will only move when the lift car door is fully closed.
- 3. Sensors positioned in the top and bottom of the lift will stop the lift car immediately if an obstruction is detected.
- 4. The lift has a built-in braking mechanism for safety and comfort.
- 5. In the event of power failure, the lift car can be returned to the lower floor thanks to a battery backup located within the drive unit.
- 6. A built-in load sensor ensures the maximum weight limit is not exceeded.
- 7. The lift car door is secured by a strong locking mechanism which is also very easy to open and close.

Installation Options



Trio Alta Benefits



**Quiet Travel**  
Powered by a quiet electric self-contained motor – no noisy hydraulics.



**Fast Installation**  
Lifts are made up of modular sections – a standard installation takes just one day.



**Economical to Use**  
Plugs into a standard domestic power socket – like any other household appliance.



**Unique Dual Rail System**  
Self-supporting structure – two parallel and vertical guides bear the load of the lift.



**Self-Contained Drive System**  
Housed at the top of the lift, out of sight.



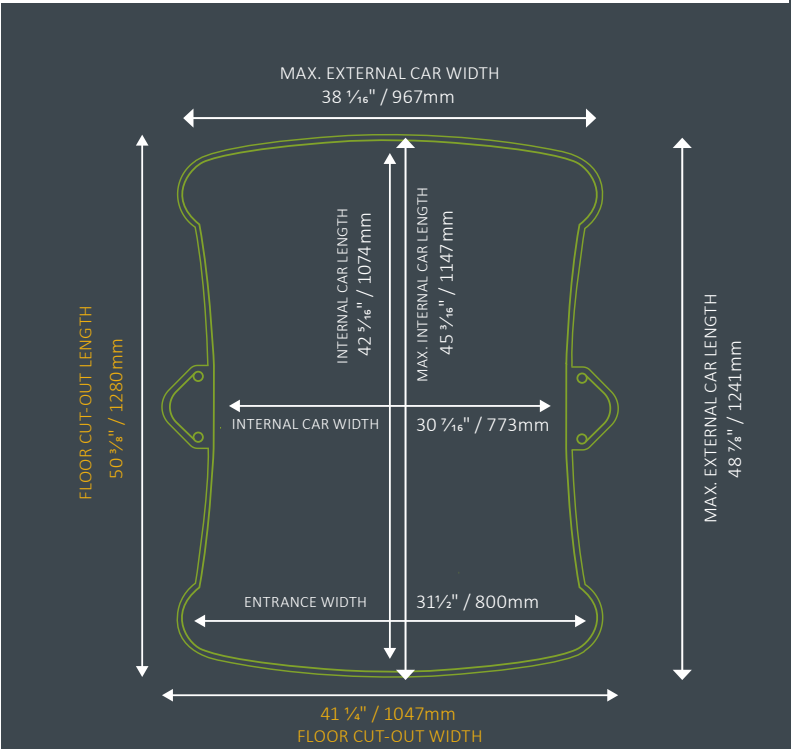
**Wide Entry/Exit**  
A car body especially designed for wheelchair users with wider entry and exit points.



**Easy Access**  
Gently-angled ramp for easier wheelchair access.

Technical Specification

LIFT TYPE	Domestic personal homelift that complies with the Machinery Directive 2006 / 42 / EC. In addition, the EN81 range was built, developed and operated in accordance with BS EN81-41:2010.
STANDARD COLOUR	Grey (RAL 7038)
LOAD CAPACITY	Max. 550lbs / 2-3 people or a full-sized wheelchair.
ILLUMINATION	Contemporary ambient lighting with high-quality LED strips.
DRIVE	Self contained rope drum, braked gear motor drive. Enclosed within the lift car roof space.
ELECTRICITY	220V – 240V, 10A – 20A socket – Plugs into a standard domestic power socket.
CONTROL	Lift is controlled via the control panel and two remote controls. Additional remote controls are available.
ENTRANCE CONFIGURATION	Single door or ThruCar configuration. Level access with integral ramp available on all door options.
SPEED	Nominal speed: 3 1⁄8" / sec. Max speed: 5 7⁄8" / sec.
TRAVEL LIMIT	Up to three floors. With a maximum of 19' 8 1⁄4" of travel.
LIFT CAR DOOR	43 3⁄16" hinged half-height door or full-height door options available as standard. LED light curtain will protect the upper half of the car regardless of door height.
DIMENSIONS	76 7⁄16" - Max. internal car height 94 5⁄16" - Max. external lift height 48 7⁄8" x 38 1⁄16" - Max. lift car footprint 42 3⁄16" x 30 7⁄16" - Internal car footprint 50 3⁄8" x 41 1⁄4" - Floor cut-out 31 1⁄2" - Lift entrance width.
HEIGHT LIMIT	96" - Min. upper floor ceiling height
FOOTPRINT	8.9 sq. feet



Please note that the dimensions in this document are for guidance only and must not be relied upon for construction purposes.

Your Authorized Stiltz Dealer

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**Stiltz**<sup>TM</sup>  
Homelifts