

TrioAlta

Technical
Specification



Trio Alta How It Works

Flexible

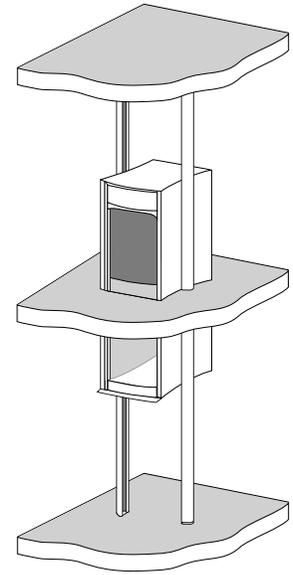
Due to the vertical, self supporting stilts, when positioning a Stiltz Home Elevator you don't need to worry about windows or heaters being in the way. It can tuck into the corner of a room, the stairwell void, in a hallway or even in a closet!

Space Saving

No visible hoists and no noisy motors. Stiltz Elevator's unique technology means the elevator runs using discreet wire rope hoists and built-in drive equipment which is all neatly concealed within the elevator car roof space. Meaning more space in your home for you and your furniture.

Simple

Stiltz Home Elevators plug directly into your domestic outlet. In the event of a power cut, a battery back up will gently return you to the ground until power is restored. To get you from floor to floor, the elevator is operated using the intuitive in-car control panel or through remote controls from outside the elevator.



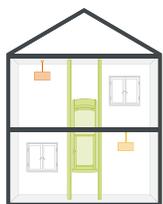
Safety Features



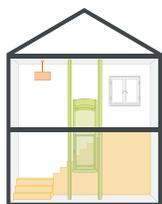
To guarantee safe and comfortable usage at all times, each Stiltz Home Elevator is equipped with the following safety features as standard:

1. Our elevator doors are equipped with a subtle LED light curtain which detects obstacles and gently brings the elevator to a stop if the light is crossed. This feature is available as standard across our whole range of elevators, regardless of door height.
2. The elevator will only move from stationary when the elevator car door is fully closed.
3. Sensors positioned to the top and bottom will stop the elevator car immediately if an obstruction is detected.
4. The elevator has a built-in braking mechanism for safety and comfort.
5. In the event of power failure, the elevator car can be returned to the lower floor thanks to a battery back up located within the drive unit.
6. A built-in load sensor ensures the maximum weight limit is not exceeded.
7. The elevator car door is secured by a strong locking mechanism which is also very easy to open and close.

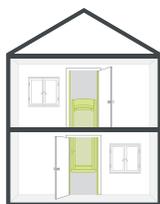
Installation Options



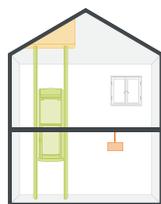
Standard



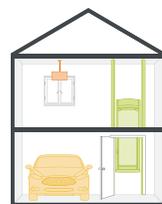
Stairwell void/hallway



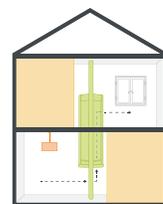
Closet



Sloping or vaulted ceilings



Garage



ThruCar

Trio Alta Benefits



Quiet

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



Fast Installation

Elevators are made up of modular sections – a standard installation takes just one day.



Power Consumption

Plugs into a standard domestic outlet – like any other household appliance.



Unique Guide System

Self-supporting structure – two parallel and vertical guides bear load of the elevator.



Self-Contained Drive System

Housed at the top of the elevator, out of sight – no need for external power packs.



Automatic Door

The option of an automatic door is available to allow for ease of entering and exiting the elevator.



Wide Entry

A car body especially designed for wheelchair users with wider entry and exit points.



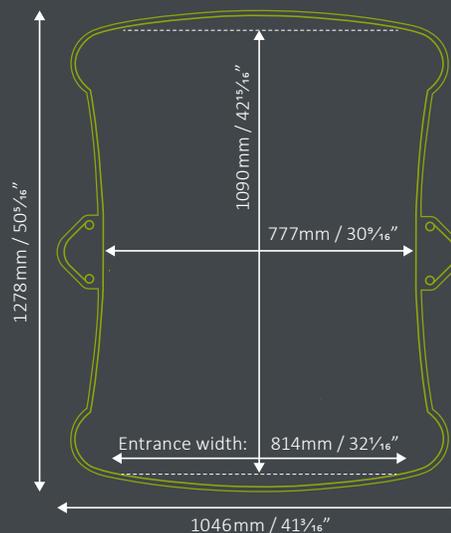
Level Access

Gently-angled ramp for easier wheelchair access.

Please note that the dimensions shown are for guidance only and should not be relied upon for construction purposes.

Technical Specification

ELEVATOR TYPE	Built, developed and operated in accordance with BS EN81-41:2010. Domestic Personal Homelift that complies with the Machinery Directive 2006 / 42 / EC.
HEIGHT LIMIT	One floor with intermediate-landing option. With a max. travel of 6000mm.
ELECTRICITY	230V socket – Plugs into a standard domestic outlet.
LOAD CAPACITY	Max. 250kg / 2-3 people or a full-sized wheelchair.
DRIVE	Self-contained wire rope hoist system located in the elevator car roof space.
DIMENSIONS	1940mm - Internal elevator car height 2360mm - External elevator car height 1243mm x 950mm - Max. car footprint 1090mm x 777mm - Internal car footprint 1278mm x 1046mm - Overall footprint
CONTROL	The elevator is controlled via the control panel and two remote controls. Additional remote controls are available.
ELEVATOR CAR DOOR	1100mm 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.
ILLUMINATION	Contemporary ambient lighting with high-quality LED strips.
ELEVATOR HEIGHT	A min. upper floor ceiling height of 2430mm is required for a full height elevator car. For a modified, cut-down car, the min. upper floor height is 2230mm.
FIRE SEAL	Fire seal option available
SPEED	Up to 150mm / sec
ENTRANCE CONFIGURATION	Single door or ThruCar. Level access with integral ramp available on all door options.



Your approved Stiltz Trade Partner

Committed to providing stylish
and accessible living for all

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