



Duo Alta How It Works

Flexible

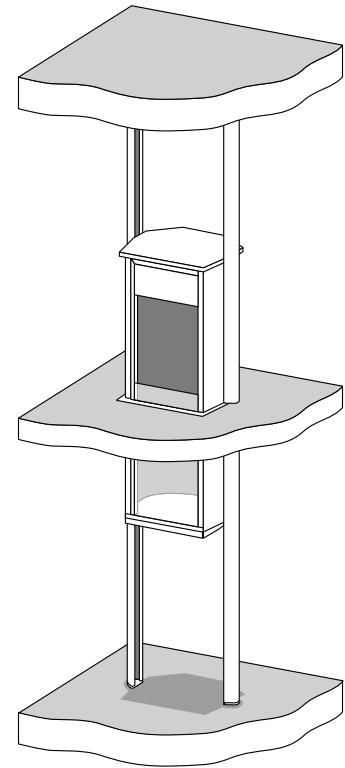
Due to the vertical, self supporting stilts, positioning a Stiltz Home Elevator into your home is very flexible. It is free standing so no load-bearing walls are required, and you don't need to worry about windows or heaters being in the way. It can tuck into the corner of a room, the stairwell void, on a landing or even in a closet!

Space Saving

No visible hoists and no noisy motors. Stiltz Home 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 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. The half-height door is 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 of the elevator will automatically stop the elevator car immediately 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 that 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.

Duo Alta Benefits



Small Footprint

One of the smallest footprints of any home elevator – covers just 0.55m² surface area.



Quiet

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



Fast Installation

Elevators are made up of modular sections – standard installs take just one day.



Power Consumption

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



Unique Guide System

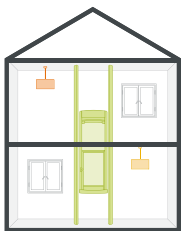
Self-supporting structure – two parallel and vertical guides bear load of the elevator.



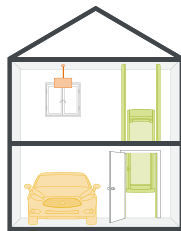
Self-Contained Drive System

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

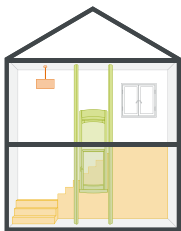
Installation Options



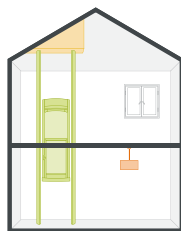
Standard elevator



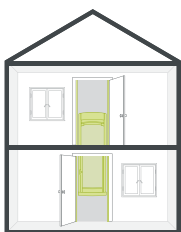
Garage



Stairwell void/landing



Sloping or vaulted ceilings

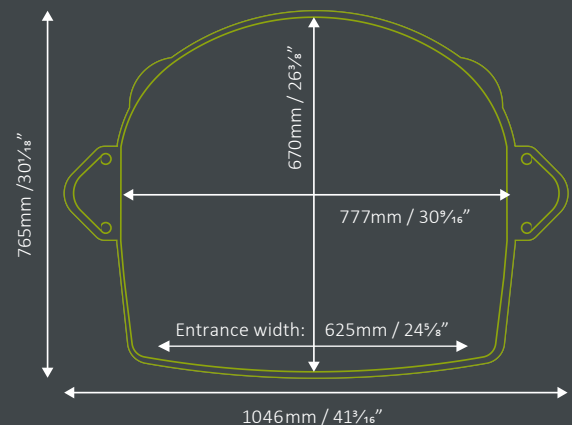


Closet Installation

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	Single floor. With a maximum of 4500mm of travel.
ELECTRICITY	230V socket – Plugs into a normal domestic outlet.
LOAD CAPACITY	Max. 170kg / 2 people.
DRIVE	Self-contained wire rope hoist system located in elevator car roof space.
DIMENSIONS	1940mm - Internal elevator car height 2390mm - External car height 860mm x 720mm - Max. car footprint 777mm x 670mm - Internal car footprint 1046mm x 765mm - Overall footprint 625mm - Elevator entrance width
CONTROL	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. 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 minimum upper floor ceiling height of 2370mm is required for a full height elevator car. For a modified, cut-down car, the minimum upper floor height is 2170mm.
SPEED	Up to 150mm / sec.
ENTRANCE CONFIGURATION	Single door.



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and accessible living for all

Stiltz Homelifts USA:

57 South Commerce Way,
#300 Bethlehem,
PS 18017

(610) 443-2282

Email: mark@stiltzlifts.com

Visit: www.stiltzlifts.com

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