



# Duo Alta - How It Works

## Flexible

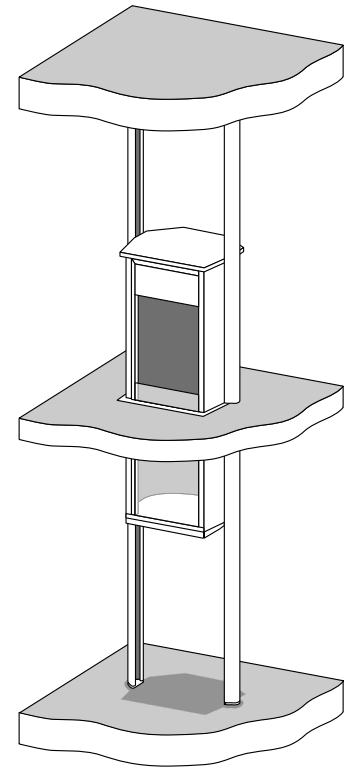
Thanks to the vertical, self-supporting stilts, positioning a Stiltz Homelift into your home is very flexible. It is free-standing so no load-bearing walls are required, and you don't need to worry about windows or radiators being in the way. It can tuck into the corner of a room, the stairwell void,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

## Space Saving

No visible hoists and no 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 automatically stop the lift car immediately 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 that 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.

## Duo Alta Benefits



### Small Footprint

One of the smallest footprints of any homelift on the market, covers just 22 sq. inch surface area.



### Quiet Travel

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



### Fast Installation

Lifts are made up of modular sections – standard installs take 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.



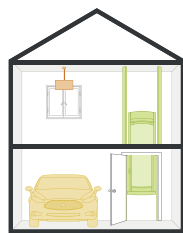
### Self-Contained Drive System

Housed at the top of the lift, out of sight – no need for a separate machine room.

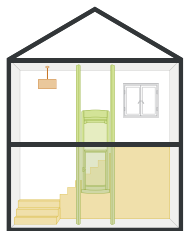
## Installation Options



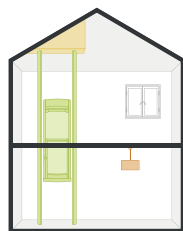
Standard lift



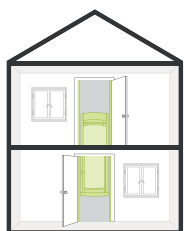
Garage



Stairwell void/landing



Sloping or vaulted ceilings



Closet

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

## 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. 375lbs / 2 people.

### 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

Single door.

### SPEED

Nominal speed: 3 <sup>15</sup>/<sub>16</sub>" / sec.  
Max speed: 5 <sup>7</sup>/<sub>8</sub>" / sec.

### TRAVEL LIMIT

Two floors. With a maximum of 14' 9 <sup>3</sup>/<sub>16</sub>" of travel.

### LIFT CAR DOOR

43 <sup>5</sup>/<sub>16</sub>" 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.

### DIMENSIONS

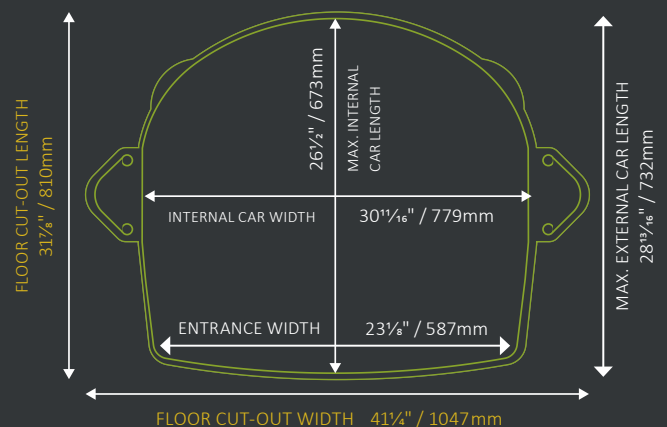
76 <sup>1</sup>/<sub>4</sub>" - Max. internal car height  
95 <sup>15</sup>/<sub>16</sub>" - Max. external lift height  
33 <sup>7</sup>/<sub>8</sub>" x 28 <sup>13</sup>/<sub>16</sub>" - Max. lift car footprint  
30 <sup>11</sup>/<sub>16</sub>" x 26 <sup>1</sup>/<sub>2</sub>" - Internal car footprint  
41 <sup>1</sup>/<sub>4</sub>" x 31 <sup>7</sup>/<sub>8</sub>" - Floor cut-out  
23 <sup>1</sup>/<sub>8</sub>" - Lift entrance width

### HEIGHT LIMIT

86 <sup>5</sup>/<sub>8</sub>" - Min. upper floor ceiling height  
94 <sup>1</sup>/<sub>2</sub>" - Max. upper floor ceiling height, for maximum car height.

### FOOTPRINT

22 sq. inches



Your Authorized Stiltz Dealer

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