

# Trio+

Technical  
Specification



# Trio+ How It Works

## Flexible

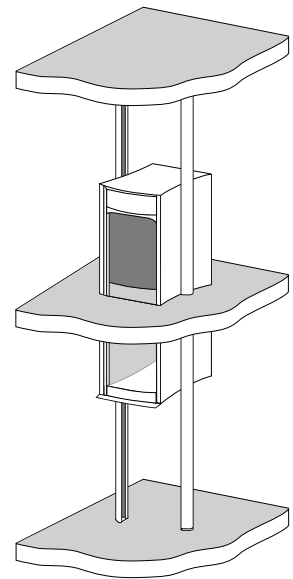
Due to the vertical, self-supporting stilts, when positioning a Stiltz Homelift you don't need to worry about windows or radiators being in the way. It can tuck into the corner of a room, the stairwell void, on a landing or even in a cupboard!

## 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. Meaning more space in your home for you, your furniture and your décor.

## Simple

Stiltz Homelifts plug directly into your domestic power sockets. In the event of a power cut, 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.



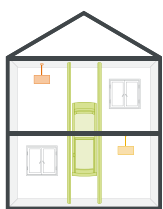
# Safety Features



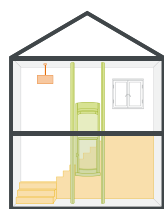
To guarantee safe and comfortable usage at all times, each Stiltz Homelift is equipped with the following safety features as standard:

1. A subtle LED light curtain can detect obstacles and gently bring the lift to a stop if the light is crossed. This feature is available as standard across our entire range of lifts.
2. The lift will only move from stationary when the lift car door is fully closed.
3. Sensors positioned to 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.

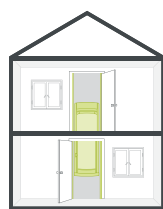
# Installation Options



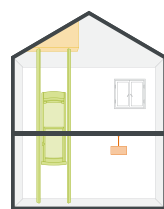
Standard



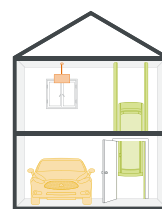
Stairwell void/landing



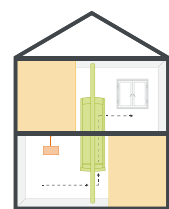
Cupboard



Sloping or vaulted ceilings



Garage



ThruCar

## Trio+ 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 normal 13-amp 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 external power packs.



### Powered Door

The option of a powered door is available to ensure easy entry and exit of the lift car.



### 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

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 maximum of 6000mm of travel.

### ELECTRICITY

230V socket – Plugs into a normal 13 amp power socket.

### LOAD CAPACITY

Max. 250kg / 2-3 people or a full-sized wheelchair.

### DRIVE

Self-contained wire rope hoist system located in lift car roof space.

### DIMENSIONS

1940mm - Internal lift car height  
2360mm - External lift car height  
1243mm x 950mm - Max. lift car footprint  
1090mm x 777mm - Internal car footprint  
1278mm x 1046mm - Overall footprint  
814mm - Lift entrance width.

### CONTROL

Lift is controlled via the control panel and two remote controls. Additional remote controls are available.

### LIFT 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.

### LIFT HEIGHT

A minimum upper floor ceiling height of 2430mm is required for a full height lift car. For a modified, cut-down car, the minimum upper floor height is 2230mm.

### FIRE SEAL

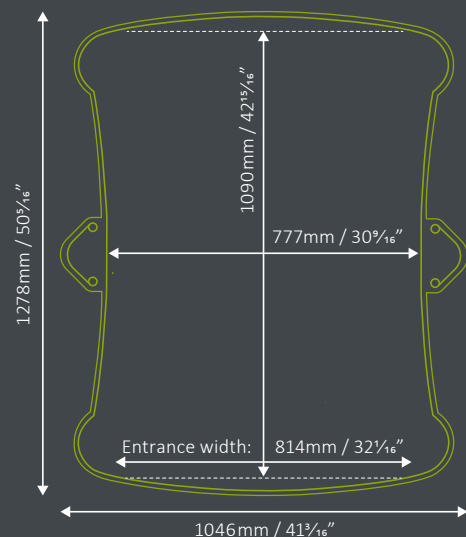
Fire seal option available

### SPEED

Up to 150mm / sec

### ENTRANCE CONFIGURATION

Single door or ThruCar. Level access with integral ramp available on all door options.



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



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