



# MediTek

THE GLOBAL STAIRLIFT COMPANY



*English*

[www.meditek.net](http://www.meditek.net)

Stairlifts simply provide an easy and convenient way of accessing upper floors quickly and safely whenever required.

## About us

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**M**ediTek is an award-winning global manufacturer of straight stairlifts. Since 1995 *MediTek* have produced bespoke stairlifts tailored to each customer, their desires and their needs.

The reliability of our lifts as well as their classic design and simple installation is what makes *MediTek* the right choice for people across the globe.

Our aim is to provide our customers with the independence and comfort they deserve in your their own homes at an affordable price.

In 2011, The Green Organisation awarded its highest accolade, a Green Apple, to *MediTek* in recognition for our outstanding commitment in the field of waste management and manufacturing practice.

## MediTek Stairlifts

**E**ngineering excellence is at the heart of the design and manufacture of all *MediTek* stairlifts. We use quality components and proven technology to ensure many years of safe and reliable operation.

All *MediTek* stairlifts move up and down a neat aluminium rail which is fitted to your stairs rather than the wall to provide a more sturdy and comfortable ride.

Designed to fit all straight staircases, *MediTek* stairlifts fold-away neatly, blending into their surroundings and causing little obstruction to your stairs.

Safety is of high importance to us. Every lift goes through a thorough testing regime and contains several safety features.



## E120 Essential

Maximum user weight limit: 120kg (19 stone)  
Minimum staircase angle: 25°  
Maximum staircase angle: 50°



The *MediTek* Essential combines classic style with affordability. Simplicity at its finest, the Essential offers customers with a limited budget a safe and reliable stairlift at a price that suits them.

With its slim profile and neutral colour the Essential offers you complete peace of mind and freedom. Installation is quick and easy leaves little or no mess in your home.

The E120 Essential comes in Alura (cream) upholstery which is washable and fireproof.



## Key Features

### 1 Joystick Control

The easy-to-use joystick offers finger light control. All you need to do is push it to the left or right to move the lift in the direction of travel you wish to go.

### 2 Call and Send Units

In addition to the joystick, you can also move the lift using one of the two call and send units we supply with all of our lifts.

### 3 Manual Swivel Lever

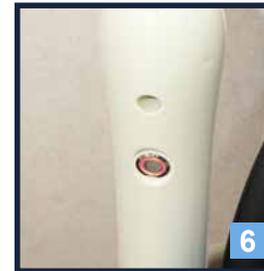
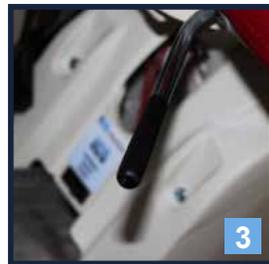
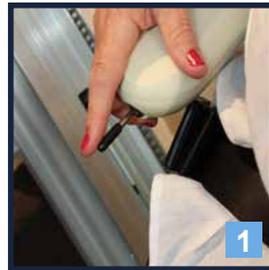
This lever enables you to rotate the chair to face the top of the stairs. This ensures a safe departure from the lift.

### 4 ICS Diagnostic Display

This innovative display provides instant operational information on the lift functions, the current status of the lift and when a service is due. It is a great technology for both you as a user and our technicians.

### 5 Seatbelt

The E120 range comes standard with a secure alterable lap belt. A retractable or five-point harness seatbelt is available as an optional extra.



Lap Belt

5



Retractable

5



Harness

5

### Continuous Charging Strip

The strip, running the length of the rail, ensures that the batteries are constantly being charged. This means that no matter where you park the chair on the stairs your lift will always be available for use - even in the event of a mains power failure.

### Telescopic Seat Post

Our seat posts can be adjusted to ensure the chair is set right for your personal requirements.

## Safety Features

### Pressure-Sensitive Surfaces

Located on the footrest and carriage, the pressure sensitive surfaces stop the lift when they sense any obstruction in their path.

### 6 Emergency Holding Button

For added safety an emergency holding button is supplied to stop the lift instantly when pressed.

### Electromagnetic Brake

Our braking system, linked to the motor and gearbox ensures that the stairlift will remain parked when stopped.

### Barrier Arm

Our lifts will not operate unless the down-side arm is down and in place.

### 7 Key Switch

A key switch is fitted to every lift. This enables you to switch the power on and off.

## D160 Deluxe



Maximum user weight limit: 160kg (25 stone)  
Minimum staircase angle: 25°  
Maximum staircase angle: 52°



The Deluxe is our supreme stairlift offering a variety of options and features to make it bespoke to your home.

This custom-built model is stylish and adaptable without compromising *MediTek's* renowned reliability, safety and comfort.

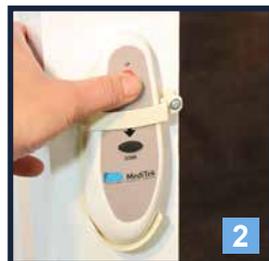
With a maximum weight capacity of 160kg the lift has numerous customisable options allowing it to simply fit all straight staircases and making the MediTek lift just right for you and your home.

## Key Features

**1 Joystick Control**  
The easy-to-use joystick offers finger light control. All you need to do is push it to the left or right to move the lift in the direction of travel you wish to go.

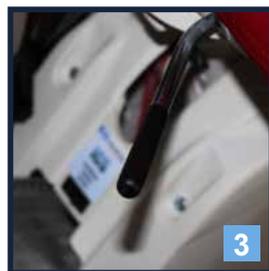


**2 Call and Send Units**  
In addition to the joystick, you can also move the lift using one of the two call and send units we supply with all of our lifts.



**Manual/Powered Swivel**  
Once the lift has reached the top of the stairs you can use one of two options to turn your chair to face/be level with the landing. This allows you to disembark the chair safely and with ease:

**3 Manual Swivel Lever**  
Simply lift the lever up at the end of your journey to turn. This locks at 40 and 80 degrees.



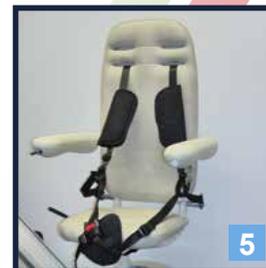
**Powered Swivel (optional extra)**  
On arrival at the top of the stairs, release the joystick then re-apply in the upwards direction of travel and your chair will automatically turn.

**4 ICS Diagnostic Display**  
This innovative display provides instant operational information on the lift functions, the current status of the lift and when a service is due. It is a great technology for both you as a user and our technicians.



**Seatbelt**  
The D160 range has three seatbelt options, the lap belt (standard), the retractable (optional extra) or the five-point harness (optional extra).

**5 Child/Junior Seats**  
Child and Junior seats are also available on request.



**Continuous Charging Strip**  
The strip, running the length of the rail, ensures that the batteries are constantly being charged. This means that no matter where you park the chair on the stairs your lift will always be available for use - even in the event of a mains power failure.

**6 Footrest to Seat Folding Linkage (optional extra)**  
This package enables your chair's footrest to fold away neatly when you lift your seat base keeping the staircase open and hazard free.



**7 Powered Hinge (optional extra)\***  
For those of you who have stairs located next to a door or passageway we can offer you a powered-hinge. This enables the rail to automatically fold up and out of the way at the end of your journey: eliminating a tripping hazard and ensuring safety in your home. There are two hinge weights available, 120kg and 160kg.



**Telescopic Seat Post**  
Our seat posts can be adjusted to ensure the chair is set right for your personal requirements.

**Seat Width Options (optional extra)**  
With the D160 you can choose from three seat widths, 430mm (standard), 500mm and 550mm to make the stairlift the best fit for you.



\*If you choose the hinge option you will need to park the lift on the main rail to charge.

## D160 Deluxe

### Safety Features

#### Pressure-Sensitive Surfaces

Located on the footrest and carriage, the pressure sensitive surfaces stop the lift when they sense any obstruction.

#### Emergency Holding Button

For added safety an emergency holding button is supplied. When pressed the lift will stop instantly.

#### Electromagnetic Brake

Our braking system, linked to the motor and gearbox ensures that the stairlift will remain parked when stopped.

#### Barrier Arm

Our lifts will not operate unless the downside arm is down and in place.

#### Key Switch

A key switch is fitted to every lift allowing you to turn the power of the lift on or off.



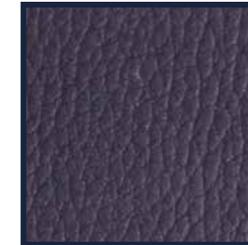
### Design Options

There are a range of luxurious upholstery and rail colour options for the D160 Deluxe to complement your home.

#### Upholstery



Beige



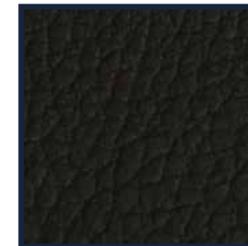
Blue



Brown



Red



Black



Green

#### Rails



Silver (standard)



Bronze (optional extra)

We can supply other upholstery and rail colour options on request.

## DSP100 Stand and Perch

This unique model allows you to safely travel up and down the stairs whilst standing. Highly customisable, the Stand and Perch is a great solution for those who have problems bending their knees.

The Stand and Perch comes complete with all the following features of the D160:

- Joystick control
- Lap belt (retractable seat belts and five-point harnesses are also available)
- Call and send units
- Continuous charging strip
- ICS diagnostic display
- Powered hinge (160kg)
- Telescopic seat post
- Pressure-sensitive surfaces
- Emergency holding switch
- Electromagnetic brake
- Barrier arm
- Key switch
- Upholstery colour options
- Rail colour options



**Maximum user weight limit: 100kg (15 stone)**  
**Minimum staircase angle: 25°**  
**Maximum staircase angle: 52°**



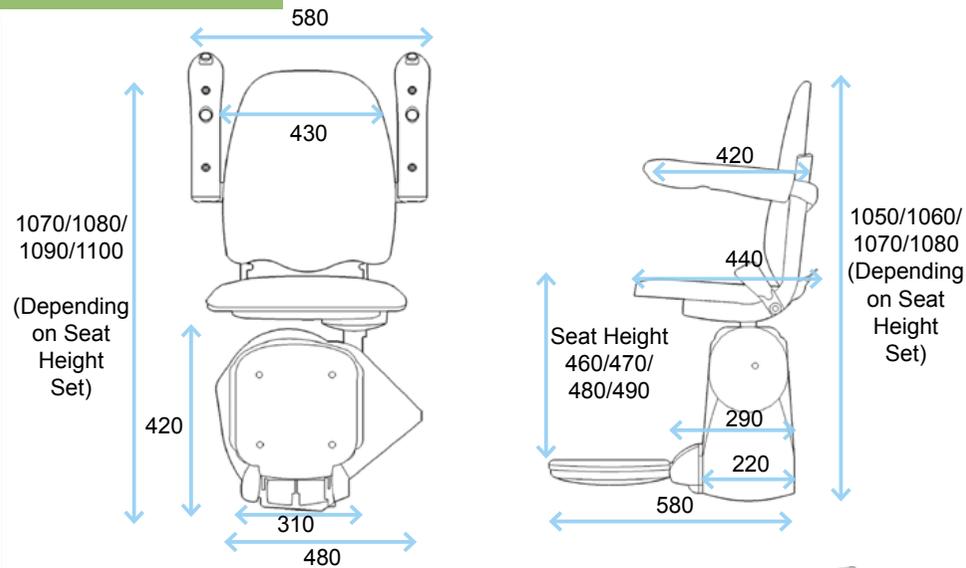
## External

We also offer our E120 and D160 models in an external weatherproof version. This lift has the following features:

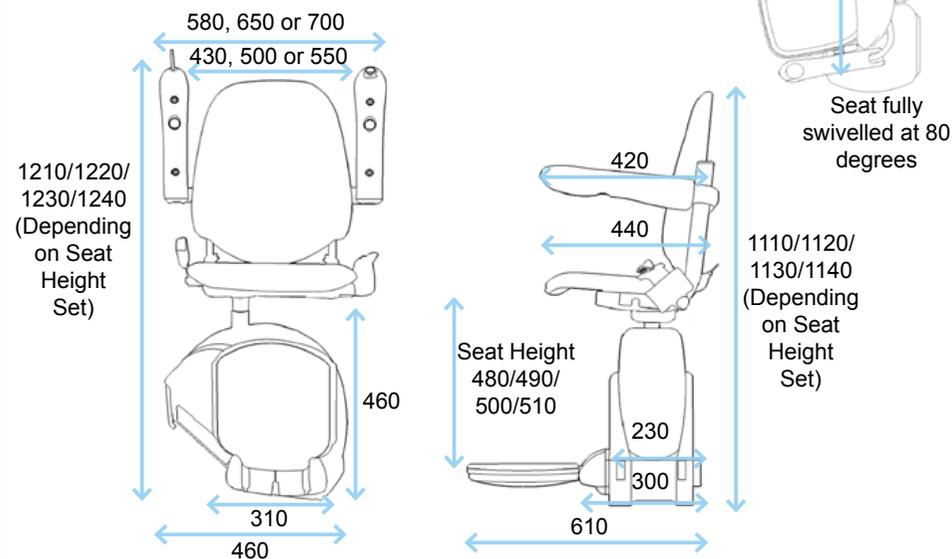
- Weatherproof joystick control
- Lap belt
- Call and send units (bluetooth remote control)
- Continuous charging strip
- Telescopic seat post
- Weatherproof cover
- Conformal coated PCB board (IP65)
- Weather-resistant coating
- Pressure-sensitive surfaces
- Emergency holding button
- Electromagnetic brake
- Barrier arm
- Key switch
- Bespoke rail sizes

# Dimensions and Fitting

## E120 Essential

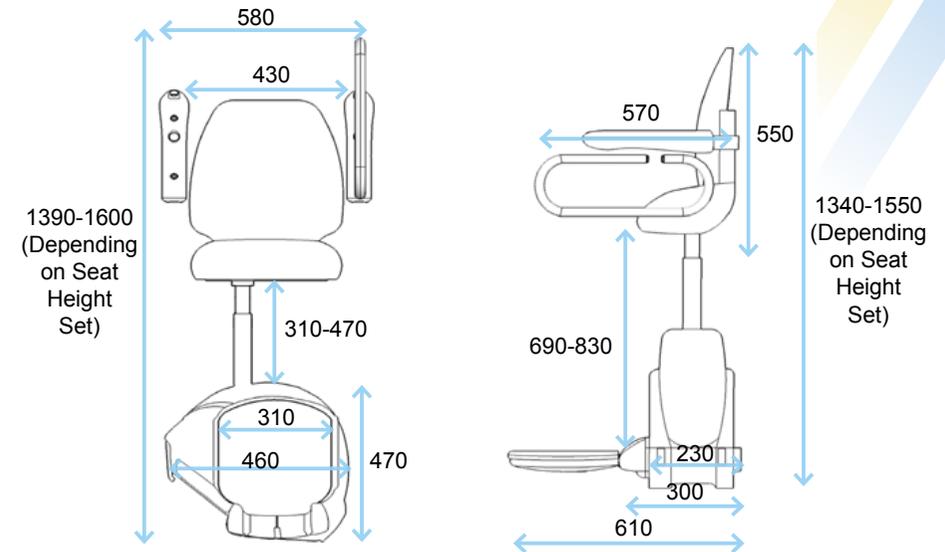


## D160 Deluxe



Please note: Measurements are in mm  
1 inch = 25.4 mm

## DSP100 Stand and Perch



# Key Stairlift Information

## Technical Information

<b>Drive Method</b>	Steel rack and pinion drive system
<b>Motor</b>	24v DC motor 200w
<b>Gearbox</b>	Worm and wheel self-locking drive with oil lubrication
<b>Carriage Construction</b>	Fabricated steel chassis plate construction
<b>Rail</b>	Extruded aluminium section
<b>Safety Measures</b>	Overspeed governor and spring applied brake
<b>Carriage Power Supply</b>	24v DC (supplied by 2x12v 7.2 A/Hr batteries)
<b>Guide Rollers</b>	12 rollers with sealed lubricated ball bearings
<b>Maximum Speed</b>	0.09m/sec (16ft/min)
<b>Battery Charging</b>	Continuous battery charging via copper strip on rail
<b>Isolation Key Switch</b>	Fitted as standard
<b>Compliance</b>	EN 81:40

# Using Your Stairlift

## Features of Each Lift

Key	
✓	Standard
✓	Optional extra

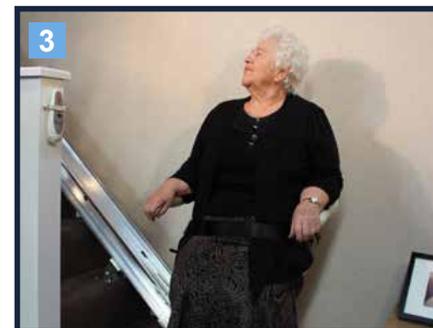
	E120 Essential	D160 Deluxe	DSP100 Stand and Perch	External
Maximum Weight	120kg	160kg	100kg	120/160kg
ICS Display	✓	✓	✓	
Control Type	Joystick	Joystick	Joystick	Weather-proof Joystick
Continuous Charging Strip	✓	✓	✓	✓
Power-backup System	✓	✓	✓	✓
Call and Send Units	✓	✓	✓	✓
Minimum-Maximum Staircase Angle	25-50 Degrees	25-52 Degrees	25-52 Degrees	25-50/52 Degrees
Powered Hinge		✓ 120 or 160kg	✓ 160kg	
Bespoke Rail Sizes		✓	✓	✓
Footrest to Seat Folding Linkage		✓		
Manual Swivel Lever	✓	✓		
Powered Swivel		✓		
Upholstery Options		✓	✓	
Child/Junior Seat Available		✓		
Seatbelt	Lapbelt as standard, retractable and harness versions are available			
Telescopic Seat Post	✓	✓	✓	✓
Rail Colour Options		✓	✓	
Can you re-hand the lift?	✓	✓	✓	✓



1 Bring the seat base, arms and footrest down in to position and your lift is ready to use.



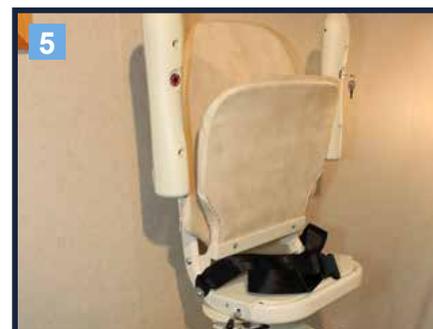
2 Sit down on your *MediTek* stairlift and fasten your seatbelt to keep you secure in your chair.



3 To use, simply move your joystick in the direction you wish to travel and your stairlift will respond.



4 On your arrival at the top you can use your manual swivel lever or keep hold of your control (if powered-swivel) to swivel your chair on to the landing.



5 Once you have undone your seatbelt, you can now vacate the stairlift safely. When the lift is not in use, you can keep it rotated to form a barrier or fold it away neatly to make space for others on the stairs.



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**Contact your nearest dealer and find out how a  
MediTek stairlift could improve your life.**

**[www.meditek.net](http://www.meditek.net)**