

# Steplift SB800



## Technical Sales Specification

# Steplift SB800 Range Technical Specification

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## CONTENTS

1.1	Drawing References
1.2	Product Range
1.3	Product Lifting Range
1.4	Platform Dimensions (Usable Area)
1.5	Lift Footprint Dimensions SB11
1.6	Lift Footprint Dimensions SB22
1.7	Lift Footprint Dimensions SB32
1.8	Lift Footprint Dimensions SB42
1.9	C Tube Height
2.0	Lift Speed
2.1	Drive System
2.2	Safe Working Load
2.3	Electrical Requirements
2.4	Controls
2.5	Landing Call Stations
2.6	Finish
2.7	Handing
2.8	Lift Ramp
2.9	Bridging
3.0	Bridging Ramp On Lift
3.1	Safety Features
3.2	Options
3.3	Weight
3.4	Standards Compliance
3.5	Manufacturers Warranty

# Steplift SB800 Range

## Technical Specification

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### SECTION 1 - TECHNICAL SPECIFICATION

#### 1.1 DRAWING REFERENCES

Drawing Numbers SB00 7000(1 sheet) SB00 9000(3 Sheets) SB11 9000 (1 Sheet)  
**See Builders Drawings for details.**

#### 1.2 PRODUCT RANGE

Option 1 Steplift  
Option 2 Steplift with upper level interlocked gate  
Option 3 Steplift with bridging - 2 options available

#### 1.3 PRODUCT LIFTING RANGE

0-800mm Through Access	-	SB11 Platform Size 1
0-1000mm Side Access	-	SB22 & SB32 Platform Size 2
0-1000mm Through Access	-	SB42 Platform Size 2

For the following travel a safety gate must be fitted.  
Domestic dwelling 500mm  
Public building 380mm

Note: Bridging Unit cannot be used when upper gate is fitted.

#### 1.4 PLATFORM DIMENSIONS (usable area)

1230mm long x 835mm wide	-	Through Access SB11
1360mm long x 1045mm wide	-	Side Access SB22 & SB32
1360mm long x 1045mm wide	-	Through Access SB42

#### 1.5 LIFT FOOTPRINT DIMENSIONS Through access Platform Size 1

SB11 - Option 1  
1650mm long x 1148mm wide - ramp down

SB11 - Option 2  
1650mm long x 1148mm wide - gate fitted & ramp down (gate shut)

SB11 01 - Option 3  
1760mm long x 1148mm wide - bridging gap up to 540mm and ramp down.

SB11 02 - Option 4  
1760mm long x 1148mm wide - bridging gap up to 750mm and ramp down.

#### 1.6 LIFT FOOTPRINT DIMENSIONS SB22

SB22 - Option 1  
2005mm long x 1210mm wide - ramp down

SB22 - Option 2  
2005mm long x 1210mm wide - gate fitted & ramp down (gate shut)

# Steplift SB800 Range Technical Specification

---

## **1.7 LIFT FOOTPRINT DIMENSIONS SB32**

SB32 - Option 1  
1636mm long x 1680mm wide - fixed ramp

SB32 - Option 2  
1636 mm long x 1680mm wide - gate fitted & fixed ramp (gate shut)

## **1.8 LIFT FOOTPRINT DIMENSIONS SB42**

SB42 - Option 1  
1636mm long x 1680 mm wide - fixed ramp

SB42 - Option 2  
1636 mm long x 1680mm wide - gate fitted & fixed ramp (gate shut)

## **1.9 C TUBE HEIGHT**

540mm Bridging 1640mm  
750mm Bridging 1810mm

## **2.0 LIFT SPEED**

20mm per second

## **2.1 DRIVE SYSTEM**

Electro-Screw

## **2.2 SAFE WORKING LOAD**

225kg (35 stone)

## **2.3 ELECTRICAL REQUIREMENTS**

230V 50Hz single phase earthed supply RCD protected spur rated at 13 amps

## **2.4 CONTROLS - (Hold to Run)**

Up, Down, Emergency Stop & Key switch, All buttons (IP67 Rated) Standard on Lift

## **2.5 LANDING CALL STATIONS - (Hold to Run)**

Up, Down & Stop - Standard  
Keyswitch - Optional  
All buttons (IP67 Rated)

# Steplift SB800 Range Technical Specification

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## 2.6 FINISH

<b>Lift</b>	Handrails, Covers, & Side Panels Platform and Ramp	Stainless Steel Aluminium Plate
<b>Gate</b>	Gate Frame Gate Posts	Stainless Steel Grey RAL 7035
<b>Bridging</b>	Handrails Platform and Ramp 'C' Posts	Stainless Steel Aluminium Plate Grey RAL 7035

## 2.7 HANDING

Through rotation of the platform and relocation of the ramps left and right handing can be accommodated on site.

## 2.8 LIFT RAMP

SB11 and SB22 - 410mm deep. Electrically sensitive on lift ascent only.  
SB32 and SB42 - 470mm deep. Fixed Ramp at lower level.

## 2.9 BRIDGING

Two plates per arrangement, both mechanically sensitive when closing and electrically sensitive at point of opening.  
Available in 2 depth sizes for through access platform size 1 only

	Bridging		Travel	
	Size	Max Span	Min	Max
SB11 01	600mm	540mm	320mm	630mm
SB11 02	810mm	750mm	600mm	800mm

## 3.0 BRIDGING RAMP ON LIFT

Required for bridging only. Performs as wheelstop and interface between lift and bridging plates.

## 3.1 SAFETY FEATURES

- Electrically sensitive ramp on lift ascent only
- Emergency stop button
- Manual emergency lowering
- Concertina blind at lift entrance.

# Steplift SB800 Range

## Technical Specification

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### 3.2 OPTIONS

Glazed or Steel infill Interlocked safety gate for all units with a travel over 380mm when fitted in a public access environment and 500mm when fitted for domestic use.

- 2-way key switching
- Pedestal Call Station
- 540 mm Bridging (600mm Deep)
- 750 mm Bridging (810mm Deep)
- Travelling Platform (Gate. SB11 Only.)

### 3.3 WEIGHT

140kg unladen

### 3.4 STANDARDS COMPLIANCE

Built in compliance to BS 6440 (1999)

### 3.5 MANUFACTURER'S WARRANTY

Product is guaranteed for one year unless an extended warranty has been purchased at the time (or within 30 days) of installation