

# bc LIFT

dignified access



BCSA



BCRL



BCCA



Indoor installation on stanchions.  
Palace of Westminster, UK.



Indoor installation on wall. St. James, UK



Indoor installation on stanchions.  
Public building, France.



Outdoor installation on wall.  
Private house, Denmark.



Outdoor installation on stanchions. Slides down  
slope next to stairs. Castle, UK.



Indoor installation, top level mounted stanchions.  
France.



Outdoor installation: partly wall, partly stanchions. Call station on separate stanchion. Church, Denmark.

## FUNCTIONAL AND FLEXIBLE

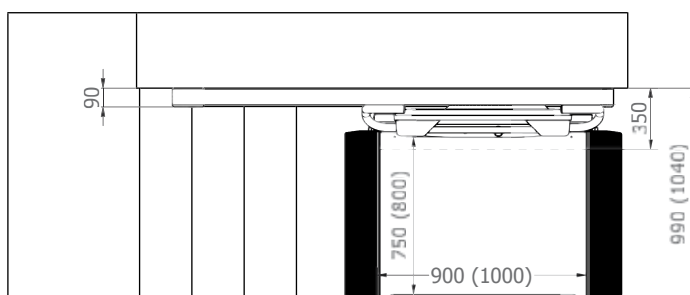
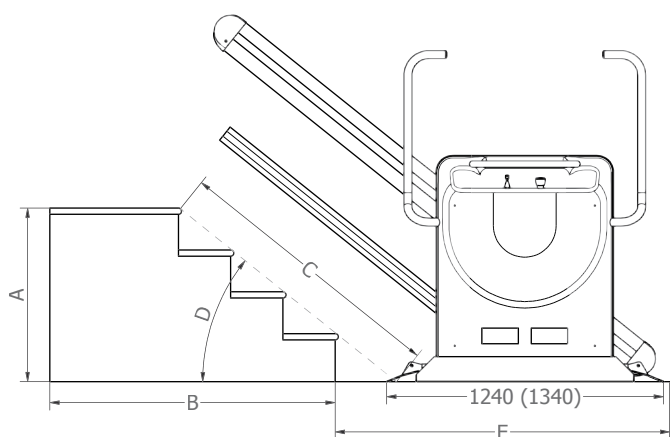
The BC lift is designed for straight staircases both indoor and outdoor and can be fitted directly to a wall or supported on stanchions both indoor and outdoor.

The user can operate the lift, independently, as the barrier arms and ramps are powered. For walking impaired users, a folding seat can be installed on the lift.

When the lift is not in use, it can be folded and parked; measures only 350 mm. from the wall, allowing clear access to the staircase. The user can call the lift, even when folded.



Outdoor installation on marble wall. Public building, Singapore, Malaysia.



## RELIABLE

The BC lift is reliable and complies with European safety standards. When user drives on to the platform and pushes the joystick in the direction of travel, the barrier arms and ramps automatically fold and close. It is not possible to operate the lift until the barrier arms and ramps are folded and in place.

The lift stops automatically at the upper and lower landings.

The user can stop the lift any time. The lift stops automatically if it meets an obstruction on the staircase.

The barrier arms and ramps are pressure sensitive and the platform is fitted with a pressure sensitive undertray.



Indoor installation parked and folded lift, limited space down stairs.



Entrance to the lift with a side access on the platform



Indoor installation with a walk through hall limiting free space down stairs. After use lift will be folded up and run up the stairs to be parked away.



Raise lower function: lift stops at first step down stairs and moves vertical between first step and floor level.

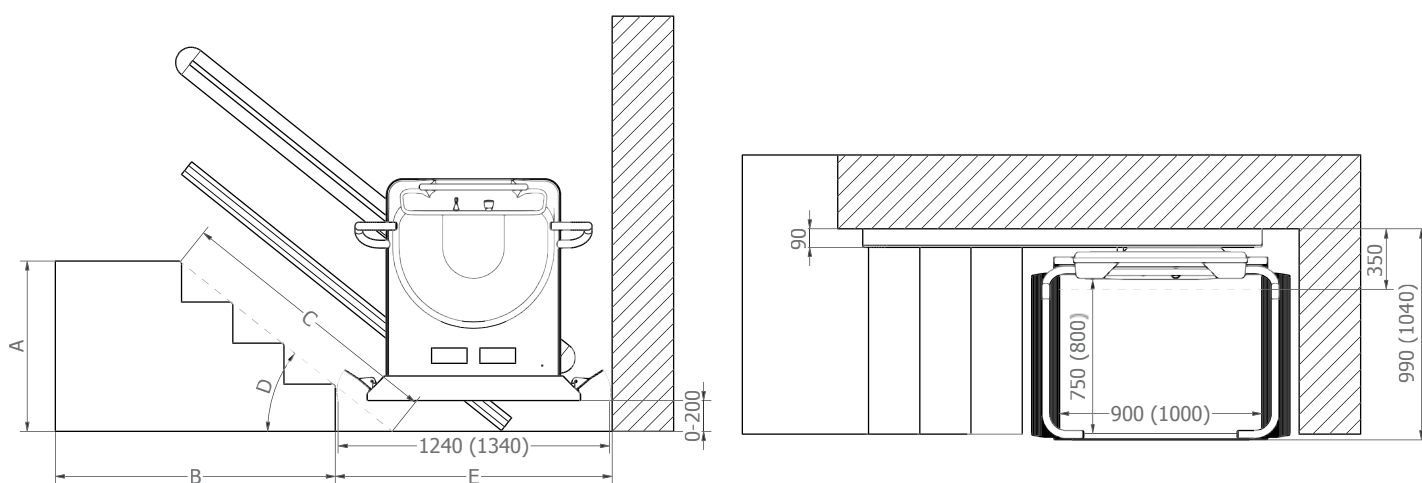
Raise lower function: lift stops at first step down stairs and moves vertical between first step and floor level.

## FUNCTIONAL, FLEXIBLE & RELIABLE

The BCRL is basically the same functional, flexible and reliable as the BCSA, but with the option of the raise-lower function.



Installation clearly indicating limited space down stairs.



## RAISE LOWER OPTION

The raise lower lift model, with its raise lower function is an option to use where there is limited free space down stairs. The lift slides down the stairs, then it stops when the ramp has passed the first step of the stair case down stairs and then moves vertical to floor.



Indoor installation 180° bend on landing.  
Public building, Denmark.



Indoor installation bend over horizontal landing.  
Factory in Finland.



Indoor installation 180° bend down stairs.



16 long with bend over horizontal landing  
and 180° bend up stairs.  
Bella Center, Copenhagen, Denmark.



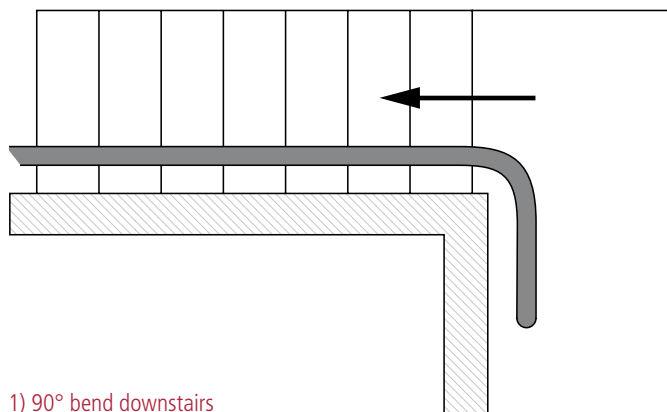
Outdoor installation bend over  
horizontal landing.  
Singapore, Malaysia.

## FUNCTIONAL AND FLEXIBLE

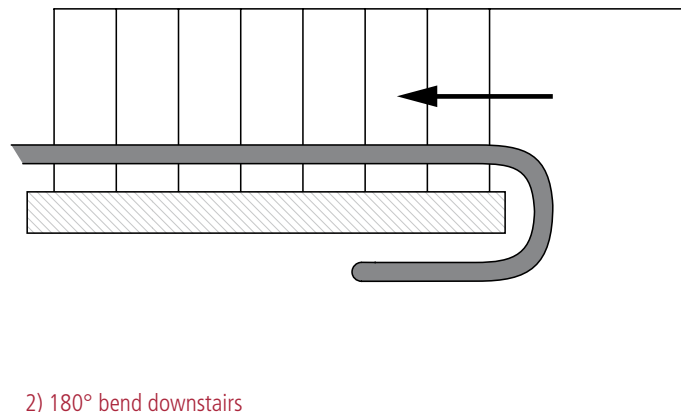
“Internal Drive” is a newly developed rail system that integrates the mounting for the stair lift within the rail itself. This has a number of advantages, both from a functional and safety point of view, but also of a purely aesthetic nature.

For example, the rail will never get dirty or scratched since the supporting system is not visible, and the rail can therefore be used as a handrail for other users of the stairs.

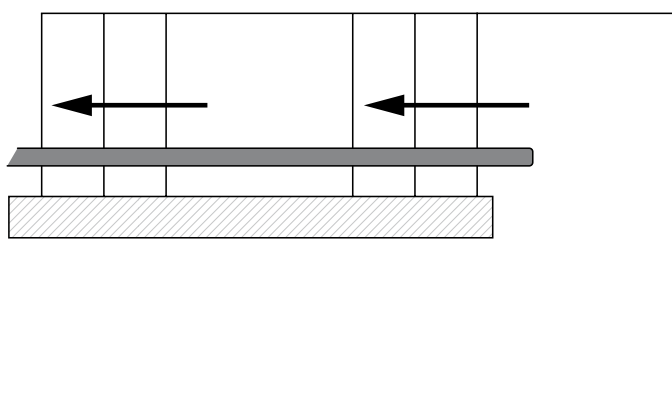
# CONFIGURATIONS OF BC INTERNAL DRIVE



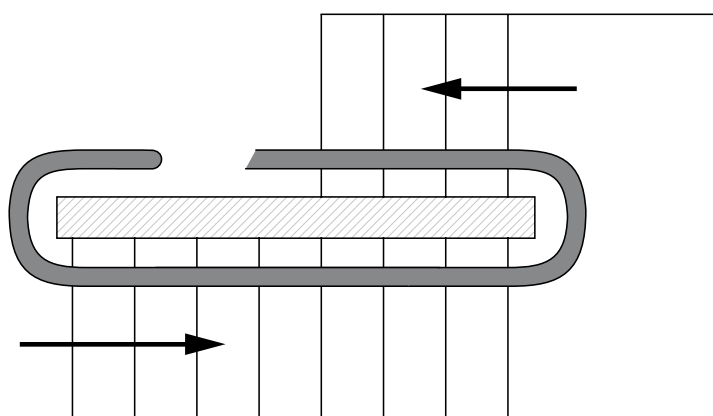
1) 90° bend downstairs



2) 180° bend downstairs



3) Straight w. horizontal landing



4) 180° bend downstairs + 180° bend on landing

## THE DANISH DESIGN PRIZE 2008/2009



CEO Børge Carlsen was awarded with The Danish Design Prize for 2008/2009 for the design of the rail system "Internal Drive" of our curved platform lift BCCA. He was honoured to accept the awarding price by HRH Crown Prince Frederik of Denmark.

The curved platform lift have been introduced to the export market and has among other countries been installed in Singapore and UK with great success.

## FUNCTIONAL AND FLEXIBLE

The rail is fabricated in anodised aluminium. As a completely new option, we are also able to decorate the rail with, for example, a beech or maple wood finish. This enables the lift to be naturally incorporated into its surroundings.

The "Internal Drive" rail system is used for BC platform lifts, and can be used for straight flights of stairs, stairs with landings and curved flights of stairs.

# TECHNICAL INFO

## **BCSA** BC STRAIGHT AUTOMATIC

### SAFETY FEATURES:

- Rack and pinion drive
- Overspeed governor
- Low voltage (24 volt) controls
- Manual hand-wind
- Emergency stop buttons
- Key-switched controls
- Thermal overload
- Electrical components to IP65
- Pressure sensitive ramps and undertray.

### TECHNICAL DATA:

- Satin finish anodised aluminium rail with 80 x 160 mm. profile
- 225 kilos safe working load
- 20-50 degree stair angle
- Speed 0.12 m/sec.
- Drive motor 400 watts
- Soft start
- Standardplatform sizes 750x900 mm and 800x1000 mm

### OPTIONS:

- Stanchions
- Fold down seat
- Remote
- Wanderlead
- Special extra small or extra large platform size
- Special 300 kg load
- Colour in all RAL-codes
- Both in and out door installation

## **BCRL** BC RAISE LOWER

BCRL HAS THE SAME SAFETY FEATURES AND TECHNICAL DATAS AS FOR BCSA

### OPTIONS:

- Stanchions
- Remote
- Wanderlead
- Special extra small or extra large platform size
- Special 300 kg load
- Colour in all RAL-codes
- Both in and out door installation

## **BCCA** BC CURVED AUTOMATIC

### SAFETY FEATURES:

- Double rack/pinion drive
- Pressure-sensitive safety bars
- Low voltage push buttons 24V DC
- Emergency release of safety bars
- Hand winding if a power failure
- Emergency stop on platform
- Can be made for outdoor use

### TECHNICAL DATA :

- Rail system in extruded aluminium
- Max. load: 225 kg
- Speed: 12 cm/sec - soft start
- Reduced speed in curves
- Standard platform 750 x 900 mm/ 800 x 1000 mm
- Power: 230V AC / 24V DC
- Radio remote controlled