

B&S Winch



- Auto-aanpassing • Revalidatietechniek
- Mobiliteits- en hulpmiddelen

B&S Winch

The B&S Winch is an aid to pull a wheelchair with occupant into a wheelchair accessible vehicle, like a lowered floor car or a minivan with a sloping ramp. And probably even more important, when getting out of the vehicle via the ramp, the Winch holds the wheelchair, so it comes out in a controlled manner without constantly having to give backpressure.



B&S Winch with belt

The B&S Winch is a compact (230x200x140 mm) and good looking winch, which perfectly fits into the interior of any car with its black cover. The capacity of the winch is 200 kg at an inclination of approx. 14 °.

The B&S Winch is standard equipped with:

- wireless remote control with 2 transmitters
- additional emergency switch integrated in cover
- protected against overload with a current-limiter
- Soft-Start function; a variable speed control where the winch starts with a low initial speed, which will increase during the cycle in order to prevent a 'shock' at the start
- 5 meter winch belt with a belt buckle at the end, the device to connect the wheelchair can be locked to this belt buckle

All parts of the winch are concealed under the cover. This makes assembly relatively easy. Mount the winch in the wheelchair car or bus, connect it to the battery and the winch is ready for use.



New! B&S Winch with rope

Little space for a winch in front of the lowered floor?
No problem! This version is special designed and particularly suitable for use in wheelchair accessible cars where in front of the lowered floor is very little space for a winch.

In this execution the rope runs in the first part through an outer cable. This outer cable is supplied standard in a length of 1.5 meters and if necessary it can be shortened. For example, the winch can be mounted under the passenger/driver's seat and with the outer cable the course of the rope can be manouvered to the middle of the lowered floor. Do you also work the outer cable under the floor covering, you won't see anything of the winch itself in the car. How beautiful is that?! This variant is available with the B&S Winch and the B&S Winch XS.



B&S Winch XS

Given the more and more limited space in wheelchair accessible cars, there is also a XS version of the B&S Winch available. This is a lighter, more compact (195x150x105 mm) and favourably priced version of the standard winch. This winch is equipped with a smaller motor that can pull 125 kg at an inclination of approx. 14 °. This makes this winch very useful as Winch-assist; extra support while pushing in the wheelchair with occupant into the car.

The B&S Winch XS is standard equipped with:

- wireless remote control with 2 transmitters
- additional emergency switch integrated in the cover
- protected against overload with an automatic fuse integrated in the cover
- 3,5 meter winch belt with a hook or elastic V-Yoke directly sewed on it

The winch XS is also equipped with the same nice black cover, all parts of the winch XS are concealed under the cover. Mount the winch in the car, connect it to the battery and the winch is ready for use.



B&S Winch XL

In addition to the standard and the XS version, there is also a heavy-duty version available, the B&S Winch XL. This winch is equipped with a heavier motor that can pull up to 350 kg at an inclination of approx. 14 °. This winch is particularly suitable for use in larger wheelchair accessible vans like taxi buses, and buses for public- and patient (PTS) transport.

The B&S Winch XL is standard equipped with:

- wireless remote control with 2 transmitters
- additional emergency switch integrated in the cover
- protected against overload with an automatic fuse
- 6,5 meter winch belt with a belt buckle at the end, the device to connect the wheelchair can be locked to this belt buckle

The winch XL is also equipped with a cover, under which all parts are concealed. This makes mounting relatively easy. Install the winch in the car, connect it to the battery and the winch is ready for use.



Technical details

| | Winch XS | Winch | Winch XL |
|-------------------|----------|---------|----------|
| Capacity | 125 kg | 200 kg | 350 kg |
| Measurements (mm) | 195x150 | 230x200 | 230x200 |
| Height (mm) | 105 | 140 | 260 |
| Input current | 15A | 30A | 40A |

Manufacturer - B&S BV / State of origin - The Netherlands / CE Marked





B&S Winch-Lock

The Winch-Lock is a special version of the B&S Winch which can be integrated into a 4-point Wheelchair Tie-down system with 2 electric lockable retractors in front (mostly used in lowered floor cars). This way, the features of both systems, are combined with each other in a synergetic way.

The principle is that the retractors are not connected directly to the battery, but they are powered directly by the Winch-Lock. This means that the retractors can only be unlocked when the Winch-Lock is operated. It is completely optimal when using an elastic V-yoke with carabiners, whereby these are directly attached to the hooks of the retractors.

This way the B&S Winch-Lock also functions as a wheelchair tie-down system. Due too the fact that nothing is changed on the installation of the Tie-down system it selves, it still complies to the applicable standards and safety requirements. The safety of the passenger in the wheelchair is ensured! Winch-Lock is universal and easily integrated with the familiar locking systems as Q-straint, Unwin, Dahl, AMF and Quick-Secure.



Devices to connect the wheelchair

To connect the wheelchair to the winch there are several devices. Standard the B&S Winch and B&S Winch XL is equipped with a belt-lock, in which the device can be locked.



Belt-lock



Hook



V-shaped elastic yoke with hooks or carabiners



Steel yoke with 2 belts

For 40 years unlimited movement...

B&S has been committed to provide people with disabilities with mobility and independence for 40 years. Leaning on an enormous expertise and experience in vehicle conversions and rehabilitation, but still with a very personal approach. Because not only every person is different, but also every limitation and disability. B&S thinks along with the customer and is always looking for the right individual solution.

B&S is an importer and supplier of the best products of their kind, but is also particularly strong in developing and producing its own products that can increase mobility and seating comfort. With our extensive knowledge and technical possibilities in the field of adaptations to car, home or aids, coupled with the supply of an extensive range of rehabilitation and aids, B&S offers its customers the convenience of 'everything at one address'. From walking stick or buggy to complete car conversion. B&S: unlimited movement!



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