

Thank you for choosing a

# Carolift from BraunAbility!

The following manual is an important part of the product, providing you with information on how to achieve maximum performance and safe operation. Keep the manual in a safe place so that you can refer to it when necessary.

If you have any questions about your adaptation, please contact your installation engineer. If you want to know more about us and our range of car adaptation solutions visit [www.braunability.eu](http://www.braunability.eu).

Once again, thank you for placing your confidence in our products!



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“Product certificate” at the end of the manual.

## Safety



*Make sure people, animals or objects are kept away from the loading area when operating the hoist.*



*Make sure the wheelchair stands steady on the vehicle floor, well secured in a transportation anchorage, when loaded in the vehicle.*



*When not in use, the hoist should be folded towards the vehicle floor, to avoid injury or damage by sudden braking of the vehicle.*



*Make sure the hoist cord is vertical above the wheelchair balance point, before lifting it from the ground, to avoid that the wheelchair starts swinging.*



*Keep the hand control pendant in its holder on the hoist, when not in use, to avoid the hoist getting accidentally activated by other luggage.*



*Do not lift the lifting device of the cord beyond the yellow distance indicator.*

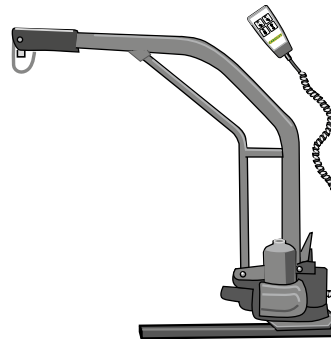
## Operation

Carolift 90 and Carolift 140 are wheelchair hoists for loading a wheelchair or a scooter into the luggage compartment of a vehicle. The Carolift hoists are mounted in the vehicle floor, on the left or on the right side.

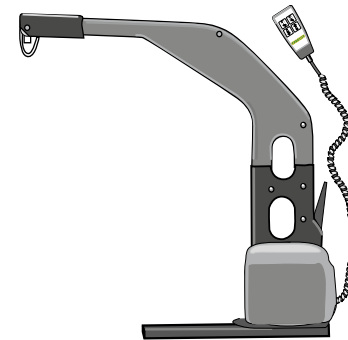
Carolift 90 has a lift capacity of 90 kg.

Carolift 140 has a lift capacity for lifting wheelchairs or scooters weighing up to 140 kg.

The hoists are powered and operated from a hand control pendant for lifting and lowering and also for swivelling in or out of the vehicle.

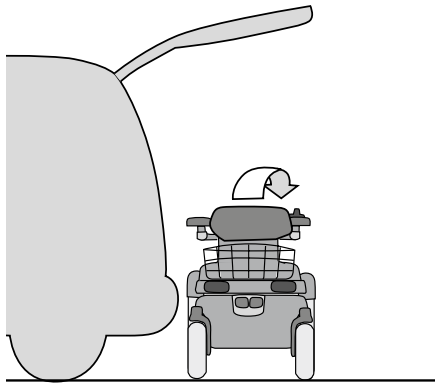


*Carolift 90*



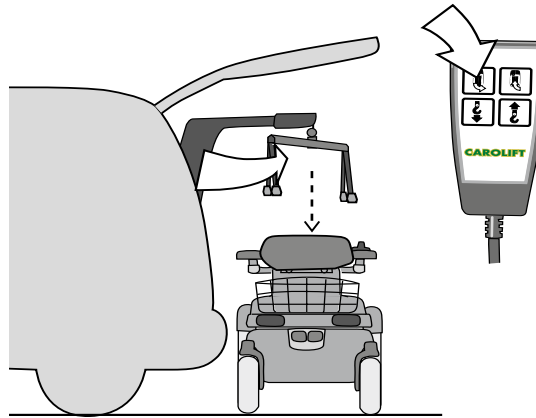
*Carolift 140*

## Loading the wheelchair



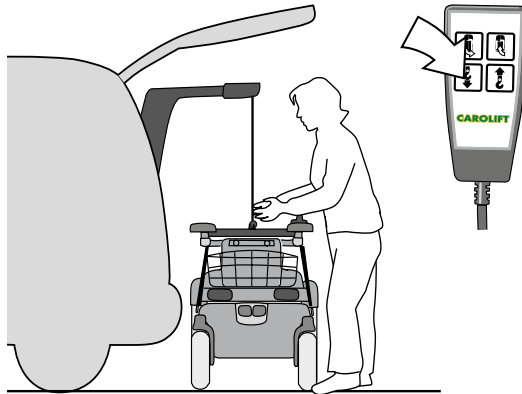
- 1** Place the wheelchair/scooter in a suitable direction behind the vehicle bumpers.

Prepare the mobility device by folding down or removing backrest or folding the cross-frame wheelchair.



- 2** Swivel out the hoist by pressing the control button.

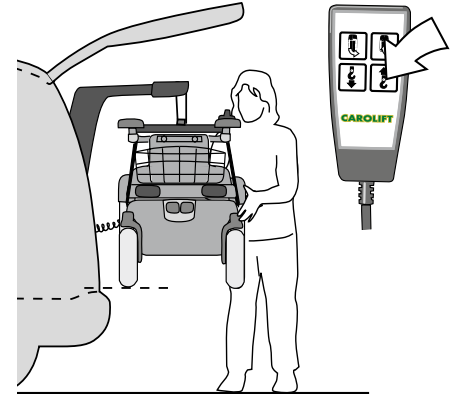
Make sure the hoist cord is as vertical towards wheelchair balance point as possible, to avoid that the wheelchair starts to swing when lifted.



**3** button for lowering. Fasten the docking device to the attachments in the wheelchair/scooter.



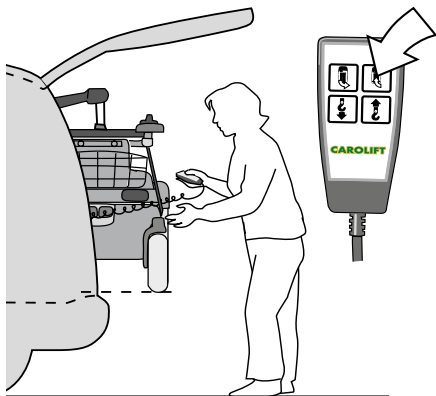
*Make sure the wheelchair/scooter is properly docked.*



**4** Lift up the load by pressing the control button for lifting. Hold on to the load and guide it passed the rear of the vehicle, until it reaches slightly above the lower edge of the door opening.

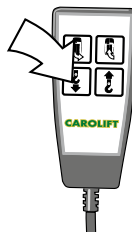


*Do not lift the lifting device of the cord beyond the yellow distance indicator.*

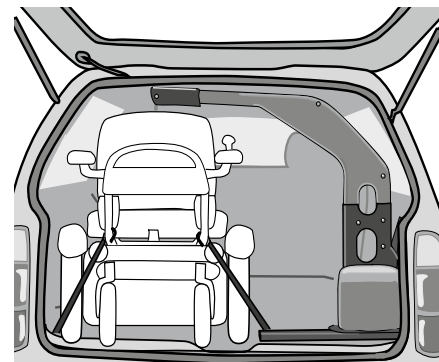


- 5** Swivel the load inside, by pressing the control button for swivelling inside.

Hold, at the same time, on to the load and guide it through the door opening to a suitable position in the luggage compartment.



- 6** Lower the load, by pressing the control button for lowering.



- 7** Make sure the wheelchair/scooter is properly lowered and standing steady on the floor! Keep the docking device fastened to the wheel-chair with the cord slightly stretched. Place the control pendant in it's holder, to prevent the hoist from being accidentally activated during transport.



*The load must be secured to the vehicle compartment during transport.*

## Unloading the wheelchair/scooter

Unload the wheelchair/scooter in the same manner as by loading, but in reversed order.



*Make sure no person, animal or object is within the loading area!*



*Keep the hoist folded down towards the vehicle floor when not in use.*



*Keep the control pendant in its holder, when not in use, to avoid that the hoist is being accidentally activated.*



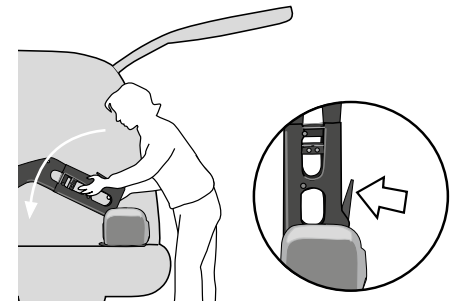
*Do not lift the lifting device of the cord beyond the yellow distance indicator.*

## Folding down the hoist arm

Run the cord 10 cm outwards by pressing the control button for lowering. The cord should not be tense when the hoist arm is being folded to the floor.

Hold on to the hoist arm and press the release handle, according to picture.

Fold down the hoist arm towards the floor.





## Care instructions

Care instructions .....

- Make sure the control pendant cable is intact and without damages.
- Make sure the lift cord has not been damaged. The lift cord shall be changed every fourth year, or after 4000 lifts.
- Use a vacuum cleaner with narrow nozzle to clean around the hoist base. Use a moist towel to clean metal parts and plastic cover.



*Any maintenance, modifications or repairs to the Carolift may only be performed by a qualified installation technician.*

### Product data

Total weight, including mounting base..... 15kg (Carolift 90) 35kg (Carolift 140)

Current consumption by maximum load ..... < 10 A

# Troubleshooting

Carolift is not being activated when control button is pressed.....

- End position is reached. Activate reversed movement.
- Power circuit is broken. Check that the control pendant cable is connected to the hoist socket. (The cable is fixed with a bundle band, near the socket, to divert force).
- Car battery is discharged. Charge the car battery.
- Short circuit has released the automatic fuse. Contact the workshop.

Carolift runs unusually slow.....

- Car battery is discharged. Charge the car battery.
- In an emergency situation: Try to start the car and let the motor run while activating the hoist.