# **Instruction Manual**

# **BX 11**



# Index

1.	Introduction	04	4.7.2	Adjusting the brakes	24
1.1.	Signs and symbols	05	4.8.	Centre of gravity, seat angle and seat height	25
2.	Important safety instructions	6	4.8.1.	Adjusting the drive wheel	25
2.1.	General safety instructions	6	4.8.2.	Height of the front wheel	26
2.2.	Anti-tip wheels (optional)	8	4.8.3.	Angle of the steering axle	26
2.3.	Use on public roads		4.8.4.	Wheelbase	26
2.4.	Purpose	8	4.9.	Wheels and tyres	27
2.5.	Indications for use	9	4.9.1.	Full floating axle	27
2.6.	Contraindications	9	4.9.2.	Drive wheels	27
2.7.	Declaration of conformity	10	4.9.3.	Steered wheels	27
2.8.	Responsibility	10	4.10.	Tip protection and anti-tip wheels (optional)	28
2.9.	Service life	10	4.10.1	. Tipping aid	28
3.	Description of product and contents	11	4.10.2	. Anti-tip wheels	28
3.1.	Inspection on delivery	11	4.11.	Camber angle	29
3.2.	Type plate and serial number	12	5.	Use	29
3.3.	Contents	13	5.1.	Entering and leaving from the side	29
3.4.	Summary	13	5.2.	Entering and leaving from the front	30
4.	Assembly/Adjustments	15	5.3.	Negotiating stairs and high steps	30
4.1	Folding and unfolding	15	5.4.	Driving the wheelchair	31
4.2.	Legrests	16	6.	Technical data	32
4.2.1.	Leg rest with footrest	16	7.	Transport	34
4.2.2.	Leg rest with foot plates	18	7.1.	Transporting the wheelchair	34
4.3.	Side parts	19	7.2.	Seat in disabled vehicle	34
4.3.1.	Skirt guard	19	8.	Maintenance tips for users	35
4.3.2.	Height-adjustable side parts with armrests (optional)	20	8.1.	Cleaning and disinfection	35
4.4.	Backrest angle	21	8.2.	Check before use	35
4.4.1.	Backrest	21	8.2.1.	Brake Inspection	35
4.4.2.	Backrest (optional)	21	8.2.2.	•	36
4.5.	Pushing handle height	21	9.	Maintenance tips for retailers	36
4.5.1.	Push handles (standard)	21	10.	Transfering the wheelchair	37
4.5.2.	Push handles (optional)	21	11.	Storage/shipping	37
4.6.	Adjustable seat and back	22	12.	Disposal	37
4.6.1.	Seat slack	22	13.	Warranty	38
4.6.2.	Back slack	22		•	
4.7.	Brakes	23			
4.7.1.	Setting the parking brake	23			

#### 1. Introduction

Dear user,

You have decided on a high-quality B+B wheelchair, and we would like to thank you for your trust.

This instruction manual contains all necessary information on operating the versions of the BX 11 wheelchair with leg rest (art. no.: 1612013501) or with a footrest (art. no.: 1612003501).

The electric wheelchair was designed to offer you many advantages and meet your needs. The many varied setting options and the optimum adjustability in terms of seat width, seat height, seat depth and back length, etc., mean the BX 11 can be adjusted to your individual body size.

The BX 11 is designed for use both indoors and outdoors by active users who rely on a wheelchair.

The electric wheelchair is designed for indoor and outdoor use. Before using your new electric wheelchair for the first time, please read and follow the instructions in this manual carefully. The instruction manual is an integral and necessary part of the wheelchair. This is why you should keep it close by and include it when passing on the wheelchair to someone else.

For visually impaired users, this document is available as a PDF file at our website www.bischoff-bischoff.com.

Any repairs and adjustments require special technical training and may therefore only be carried out by authorized B+B dealers.

# 1.1. Signs and symbols



Warning! These are especially safety-relevant instructions. Follow the directions in the manual!



Important! This is especially useful information on a given subject.

# 2. Important safety instructions

#### 2.1. General safety instructions

- To avoid falls and dangerous situations, you should first practice driving your new wheelchair on level, unobstructed ground. We recommend having an assistant with you.
- The accompanying person should be physically and mentally capable of operating a wheelchair.
- Never use the wheelchair under the influence of alcohol or other drugs.
- Please make sure that all parts have been properly installed before using the wheelchair.
- Never lift the wheelchair by parts that are not fixed firmly (the armrests or legrests).
- Make sure that the screwing axle/floating axle are tightly in the axle holder, otherwise there is risk of injuries.
- Please note that displacing the center of gravity by shifting the body or by adding loads may increase the risk of tipping over the wheelchair to the side or backwards.
- Please seek the help of an assistant person when going over obstacles, steps, etc. Use the tip assist (see overview of wheelchair) to tip the wheelchair appropriately.
- Steps and larger obstacles may only be crossed with the help of at least two assisting persons. For this, use lifting points 1 and 2 (see overview of the wheelchair). If equipment such as ramps, lifts or step climbing aids are available, these should be used.
- When driving on an incline or slope, it is necessary to be aware that
  a risk of tipping exists even at low angles, depending on the axle
  position setting. The use of anti-tippers is highly recommended.
- The seat materials are resistant to flammability according to EN 1021-1 and EN 1021-2. Nevertheless, you should exercise the necessary caution when smoking and you should not put a cigarette down on the wheelchair.

- Avoid running against obstacles (steps, kerbs) without braking or moving down steps.
- Avoid using on uneven, loose surfaces.
- When getting into or out of the wheelchair, apply both parking brakes.
- All road traffic regulations must be observed when driving on public roads.
- The passive lighting (reflectors) of your wheelchair must always be visible to other road users.
- The wheelchair may not be used for transport of more than one person or any additional load. Make sure to only use it for the intended purpose.
- You must not use the handbrake to stop the wheelchair.
- When braking at fast speeds or on long downward slopes when using the push rims, fingers and hand surfaces become hot. Caution! Danger of burning!
- We recommend leather gloves for outdoor use. These increase grip and protect fingers and hands from dirt and injury at the same time.
- Please note that the upholstery will heat up if directly exposed to sunlight and may cause injuries to your skin when touched. You should therefore cover these parts or protect the wheelchair from exposure to direct sunlight.
- Also note that the frame and pad parts may cool down significantly in winter. If possible, do not park the wheelchair outdoors in cold weather.
- When transferring between wheelchair and bed, always ensure that:
  - both parking brakes are applied
  - the side part on the side for getting in/out is swung backwards.
  - the foot plates (for getting in/out) are folded upwards, swing inwards/outwards or are removed.

# 2.2. Anti-tip wheels (optional)

The anti-tip wheels prevent the wheelchair from tipping backwards. Note that driving with anti-tip wheels on terraced terrain, lift platforms and ramps is only possible to a limited extent. Ensure sufficient clearance above, below and on the sides.

## 2.3. Use on public roads

The wheelchair is designed for indoor and outdoor use. Please keep in mind that you are using public roads and therefore have to observe all road traffic regulations.

Do not endanger other road users through inconsiderate driving, especially on walkways.

# 2.4. Purpose

The wheelchair is designed solely to increase mobility and to transport people with impaired mobility in accordance with indications listed. The maximum user load is 135 kg.

#### To note:

We are only able to issue a guarantee if the product is used in accordance with the specified conditions and for the specified purpose.

#### 2.5. Indications for use

Inability or severely impaired ability to walk due to

- paralysis
- loss of limb
- defect/deformity of limb
- joint contracture
- joint damage (not in both arms)
- other diseases

#### 2.6. Contraindications

Provision of wheelchairs is not suitable for people::

- who are unable to sit
- with joint damage/joint contracture of both arms
- with perceptual disorders
- with severe equilibrium disorders
- with reduced and inadequate vision
- with serious cognitive restrictions

# 2.7. Declaration of conformity

B+B, as manufacturer and solely responsible party, hereby declares that the wheelchair BX 11 complies with the requirements of the EC Directive 93/42.

# 2.8. Responsibility

We are only able to provide a warranty if the product is used in accordance with the specified conditions and for the intended purposes. If modifications, repairs or maintenance works are made, please make sure only authorised persons perform these works in accordance to the instructions of B+B.

#### 2.9. Service life

If used as intended, and the safety, care and maintenance instructions are observed, the expected service life is up to 5 years. Beyond this time the wheelchair can be used continuously, provided it is in a safe condition.

# 3. Description of product and contents

# 3.1. Inspection on delivery

All B+B wheelchairs are subject to a proper final inspection in our house and receive the CE mark.

The wheelchair is supplied in a special box. After unpacking save the box if possible. You may need it later for storage or to return the product.

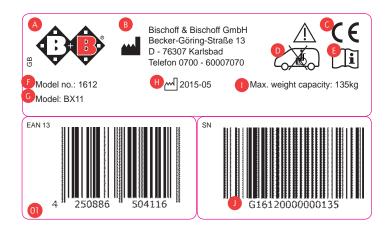
Assembly, adjustment to your body size and first instructions are taken care of by your qualified medical supply dealer.

If delivered by rail or a forwarding agent, the product is to be checked with regard to transportation damage at once in the presence of the shipper.

Check the contents for completeness and make sure nothing is damaged. Should you find any irregularities or damage, please contact our customer service (Tel.: +49 700 6000 7070).

# **3.2.** Type plate and serial number

The type plate (Fig. 01) and serial number are located under the seat.



- A Manufacturer logo
- B Manufacturer information
- CE mark
- Follow instructions regarding securing the product in the vehicle
- E Important Adhere to the operating instructions
- Model number
- 6 Model designation
- H Date of manufacture
- Maximum weight capacity
- Serial number

#### 3.3. Contents

After receiving the goods, please check the contents for completeness right away. The content consists of:

- Outer package
- Pre-assembled wheelchair
- Instruction manual

# 3.4. Summary



push handles
back padding
arm rest
cloth protection
seat pad
drive wheel
push rim
floating axle
parking brake
leg rest, removable
steering wheels



Model with leg rest (art. no.: 1612013501)



Model with footrest: (art. no.: 1612003501)

# 4. Assembly/Adjustments

# 4.1 Folding and unfolding

#### Delivery

Your new B+B wheelchair is delivered fully assembled and folded in an original B+B carton.

To prevent damage during transport, attachable mounting parts are delivered separately (Fig. 5).

#### **Unfolding**

Position your wheelchair next to you. Tip it towards you until the load is taken off one driving wheel. Now push the seat tubes apart and press them downward with your palm until they lock in the mounting on the frame (Fig. 6).



When unfolding it, keep your fingers on the seat tensioning band; otherwise there is a risk of pinching!

# **Folding**

Place your wheelchair next to you. Fold the foot plates/the footrest upward (Fig. 7) and undo the Velcro fastener of the back cover under the seat.

Now pull the seat cover upward until the chair is completely folded, and press the armrests together (Fig. 8).



Pay attention to your fingers during the folding process to prevent a risk of pinching.









# 4.2. Leg rests

# 4.2.1. leg rests with footplate



• The footplate can be folded up and to the side, positioned at an angle and adjusted to length of the user's lower leg (Fig. 9).

#### Folding footrest up and down

- The footrest should be folded up for getting in and out of the wheelchair. Grasp below the footrest and fold it up and to the side (Fig. 10).
- Once you are sitting in the wheelchair, the footrest must be folded back down. Ensure that the footrest locks back into position.

#### Adjusting the width of the footrest

The width of the footrest only needs to be adjusted to the seat width of your folding wheelchair after a replacement delivery.

• The adjustment can be found in the installation manual of the footrest width.



Before moving off, check for firm attachment of the legrests!

#### Adjusting the leg support length

The footrest has 8 settings at 1.5 cm increments for adjustment to the length of the leg rest.

- Remove the two socket screws (4 mm Allen screws) from the leg support tube (inside and outside), and adjust it to the desired length (Fig. 11).
- Retighten the screws after the adjustment.

#### Setting the footrest angle

The footrest can be positioned at an angle (Fig. 12).

- To do so, unscrew the Allen screw (5 mm socket).
- Adjust the angle of the foot plate to the required position by rotating the toothed ring.
- Retighten the Allen screw.







Be sure to make all adjustments equally on both sides



When standing up/sitting down on your wheelchair, please avoid standing on the footrest, danger of falling or tipping!



# 4.2.2. Leg rests with separated foot plates

The BX 11 (art. no.: 1612013501) is equipped with removable leg rest.

The footplates can be folded upwards and to the side, positioned at an angle and adjusted to length of the user's lower leg. The leg rest can be removed, folded pivoted and reattached without tools.



- Hold the legrests on the upper part such that this part points outwards.
- Now push the leg rest with the guide profile into the hole in the frame (Fig. 14).
- Tilt the leg rests forward until they lock in place with a clearly audible sound, and fold the foot plate down.



To make it as easy as possible to get into and out of your folding wheelchair, you can simply swing the leg rests away, either

- Fold the foot plates up.
- Pull the stop up and fold the leg rest out (Fig. 15).
- In the outer position, the leg rest can be pulled upwards (Fig. 16).

To return to the original position, simply engage the leg rests and pivot them forward until they lock into place.



#### Setting the legrest length

The leg rest have 5 settings at 2 cm increments to adjust the length of the lower leg.

- Remove the two Allen socket screws (4 mm) from the leg rest tube (inside and outside), and adjust it to the desired length (Fig. 17).
- Retighten the screws after the adjustment.

#### Angle-adjustable foot plates

The angle of the foot plates can be adjusted (Fig. 18).

- Unscrew the Allen bolt.
- Adjust the foot plate to the required position by rotating the toothed ring.
- Retighten the allen bolt.







When standing up from/sitting down in the wheelchair, you must not stand on the footrest under any circumstances!

Be sure to adjust equally on both sides.

# 4.3. Side parts

# 4.3.1. Skirt guard

The BX 11 is equipped with aluminium skirt guards (Fig. 19) as standard. These are secured to the frame on the front and back. The height of the skirt guard must be readjusted if the seat position or tyre size is changed.

The adjustment of the skirt guard can be found in the installation manual.





The height-adjustable side parts are equipped with height and depth-adjustable armrests. The side parts can be pivoted away towards the back and removed completely.



- Activate the lever with one hand, and move the armrest to the desired height with the other hand (Fig. 20).
- First release the lever and move the armrest until it locks in the next possible position.



- Push the button on the outside of the armrest and move the armrest backwards or forwards (Fig. 21).
- First release the button and move the armrest until it locks in the next possible position.

#### Pivoting the side parts away

- Activate the lever and pivot both side parts backwards and away at the same time (Fig. 22).
- To lock the side part, push it forwards and allow it to click into place with light pressure on the armrest.

#### Removing the side parts

- Pivot the side part upwards somewhat as described above and grasp the armrest (Fig. 23).
- Pull the catch on the rear mounting out with the other hand. Then pull the side part up and out with the other hand.
- To attach it, first push the side part into the rear stop until the catch locks in audibly, then lock it as described above by latching it into place.

# 4.4. Backrest angle

#### 4.4.1. Backrest

The backrest of the BX 11 is not adjustable. The angle between the backrest and seat is 90°.

# 4.4.2. Backrest (optional)

The angle of the optional backrest of the BX 11 is adjustable (Fig. 24).

The adjustment can be found in the installation manual.

# 4.5. Height of the push handles

## 4.5.1. Push handles (standard)

The push handles of the BX 11 can be put in a position that is comfortable for the accompanying person (Fig. 25). The backrest height can be adjusted as well.

The adjustment and adaptation of the backrest height can be found in the installation manual.

# 4.5.2. Push handles (optional)

The optional push handles of the BX 11 can be adapted to the individual size of the accompanying person independently of the other adjustments (Fig. 26).

- Release the stop (arrow).
- Adjust the handles to a height comfortable for the accompanying person.
- Retighten the stop.

Further details can be found in the installation manual.









# 4.6. Adjustable seat and back

#### 4.6.1. Seat slack



The seat surface should always be tensioned to sufficient tautness. However, ensure that there is sufficient slack in the area of the pelvis.

- First completely remove the pad layer of the seat cover (Fig. 27).
- Now retighten the tensioning straps that have become loose over time (Fig. 29).
- Place the pad layer of the seat cover back over the tensioning straps.

#### 4.6.2. Backrest



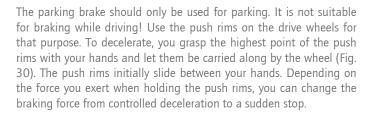
A well-adjusted backrest makes it easier to sit continuously in a relaxed position and is effective at reducing the risk of pressure sores. Ensure that there is sufficient slack in the area of the pelvis.

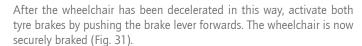
First completely remove the pad layer of the back cover (Fig. 29). Undo the Velcro straps of the tensioning straps (Fig. 30). The straps are adjusted one by one, starting from the bottom. Place the pad layer of the backrest over the tensioning straps.

#### 4.7. Brakes

The BX 11 is.equipped with parking brakes for user operation as standard. The option of equipping it with drum brakes for operation by an accompanying person is available.

# 4.7.1. Setting the parking brake





Pull the lever back towards you to release the brake (Fig. 32).



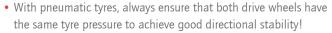


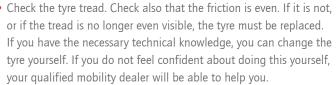




# **4.7.2** Adjusting the brakes

If you notice that the available braking effect is no longer sufficient or is uneven, proceed as follows:





- Now check the adjustment of the brake. This must be set so that the gap between the surface of the wheel and the braking bolt is 15 mm with the brake off (Fig. 33). The braking bolt must be aliqued horizontally, that is parallel to the ground surface.
- To adjust the gap, loosen the two Allen screws on the brake mounting (Fig. 34).
- You can then push the braking system along the mounting into the correct position.
- Then tighten both Allen screws again.
- Make sure that the brake fully locks into place when the lever is operated and does not snap back.
- After completing the adjustment process, tighten the screws again and test the brakes!



The parking brake only affects one drive wheel!



The adjustment of the drum brake can be found in the installation manual.



Adjustment of the brakes should be carried out by trained specialist staff. However, if you have enough experience, you can also carry out this work yourself. Nevertheless be aware that incorrectly adjusted brakes may have life-threatening consequences.

# 4.8. Centre of gravity, seat angle and seat height

## 4.8.1. Adjusting the drive wheel

The position of the drive wheel is a criterion for easy, comfortable, pleasant driving.

- The drive wheels can be moved in the vertical direction to adjust the seat height and the seat angle (Fig. 35).
- The drive wheels can be shifted horizontally for optimal adjustment of the position of the centre of gravity (Fig. 36).

If the full floating axle is attached in the lowest position, it is possible to position the seat surface so that it is horizontal or sloping forwards. However, the forwards-sloping seat angle also depends on the position of the front wheel.

Mounting the full floating axle in the highest position achieves a steep seat slope (towards the back). In this position, the seat inclination and centre of gravity shift backwards, and the wheelchair can tip over backwards more easily. Use the anti-tip wheels!



Changing the seat angle causes a risk of tipping.







# 4.8.2. Height of the front wheel

After adjustment of the rear wheel position, the correct position of the steering wheels must be checked and readjusted if necessary.

- Unscrew the axle (Allen key, SW 4) and take it out completely (Fig. 37).
- Place the steering wheel in the right position for the required seat height.
- Reinsert the axle into the steering fork and tighten it up again.
- The steering axle should be as as close to perpendicular to the floor as possible. This ensures directional stability and safe driving behaviour.



# 4.8.3. Angle of the steering axle

By changing the height of the driving wheel or front wheel, the angle of the steering wheel axle can also be altered. However, this should always done at the correct angle (90°) to the ground. First, loosen the locking mechanism of the castor connector by loosening both screws on the outside (see Fig. 38). The setscrews within the castor connector are used for fine adjustment and to secure them in the specified position. Move the front wheel to the required position and then tighten the fixing screws again.

Further details can be found in the installation manual.

# 4.8.4. Wheelbase

Extending the wheelbase increases the stability and equilibrium of the wheelchair. On the other hand, if the wheelbase is reduced, this improves manoeuvrability. A reduction of the wheelbase is only advisable for experienced drivers.



When the wheelbase is changed, it is absolutely essential to adjust the parking brake afterwards!

# 4.9. Wheels and tyres

# 4.9.1. Full floating axle

The BX 11 comes standard with full floating axles.

The full floating axles make it easy to attach and detach the wheels.

- Press the locking button of the full floating axle with your thumb and pull the wheel off (Fig. 39).
- When reattaching the wheel, simply push the wheel back onto the mount. At the same time, press in the locking button as well.





The BX 11 is equipped with 24" x 1" drive wheels with pneumatic tyres as standard. Schwalbe Marathon plus puncture resistant tyres are optionally available. If they become worn or defective, the authorised specialist retailer should be asked to carry out the repair.

To ensure the optimum operating safety of the brakes and wheelchair, pneumatic tyres must be inflated to the tyre pressure indicated on the tyre.

#### 4.9.3. Steered wheels

6" (150 x 30 mm) PU tyres (puncture resistant, no valve) are mounted on the BX 11 as standard. If they become worn or defective, the authorised specialist retailer should be asked to carry out the repair.

If the BX 11 is equipped with pneumatic swivelling wheels, the tyres must be inflated to the pressure indicated on the tyre to ensure optimum operating safety of the wheelchair.



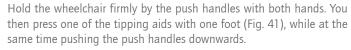
# 4.10. Tip protection and anti-tip wheels (optional)



The combination of tip protection and the anti-tip wheels can be used for greater stability on inclines and as an aid for the accompanying person for overcoming obstacles such as the edges of kerbstones.

The assembly can be found in the installation manual.

# 4.10.1. Tipping aid



# 4.10.2. Anti-tip wheels



The anti-tip wheels prevent the wheelchair from tipping backwards. There must be approx. 3-5 cm of clearance between the wheel and the ground. Pull the washer backwards and move the anti-tip wheel along the guide to adjust it. The anti-tip wheels are especially recommended for inexperienced wheelchair users or leg amputees.



If you do not need the anti-tip wheels, they can be pushed to the highest position or pulled completely off.



Always use the anti-tip wheels in pairs.

# 4.11. Camber angle

It is possible to set the camber angle in the range from  $1 - 4^{\circ}$ . Please mention it with your order. The greater the stability by turning the wheelchair, or rotating on the spot.

Information about subsequent changes and, if necessary, the adjustment of the toe-in can be found in the installation manual.

#### 5. Use

#### 5.1. Entering and leaving from the side

- Move the wheelchair as close as possible to the present or future seat so they are side by side.
- If you wish to move from another wheelchair or room chair, lock it by setting the parking brakes.
- Secure the BX 11 against rolling away accidentally by activating the parking brake.
- Pivot the armrest backwards and away, or remove the side part with the armrest.
- Fold the foot plates/footrest to the side or remove the leg rests.
- Now slide sideways onto the other seat.
- Make sure that you are sitting as far back in the seat as possible.
- Finally, return the leg rest to their original position and reinsert the side parts if necessary.



Never stand on the footrest! Risk of tipping!

# **5.2. Entering and leaving from the front**

- First fold the foot plates up or remove the leg rests.
- Move the BX 11 and the current or intended seat together front to front if possible and decelerate the BX 11.
- If you wish to move from another wheelchair or room chair, lock it by setting the parking brakes.
- Now slide onto the seat by turning your body around.
- Then move the arm rest and leg rests to the original position.



# **5.3.** Negotiating stairs and high steps



For obstacles and stairs with more than three steps, two accompanying people must help.



- The helpers must only take hold of securely mounted parts of the frame. The lifting points are depicted in Figures 42 and 44, depending on how the model is equipped.
- When going up stairs, the helper behind the wheelchair pulls the wheelchair over the step, holding it by the securely mounted handles.
- The helper who is below takes hold of the front frame tubes and stabilises the position. At the same time, he pushes the rear wheels of the wheelchair against the steps.

 When going down stairs, the helper who is below brakes by pushing the wheelchair right against the steps. The helper above holds the wheelchair at the push handles, secures it and holds it in the right position. The wheelchair should roll down step by step.

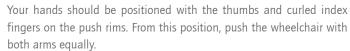


Frame and push handles are the only places where you can get hold of the wheelchair to transport it. Never lift up the wheelchair at the armrests!



# 5.4. Driving the wheelchair

Sit in your B+B wheelchair. Make sure you are sitting as far back as possible. The push rims on the drive wheels are used to move the wheelchair.



To drive to the right, hold the right push rim in place and only push the left one. To drive to the left, perform the same pushing motion the other way around.

To turn in place, push with both hands in opposite directions at the same time.

To decelerate, reduce the speed of the push rim with your hands (see also section 4.7, "Brakes").

Practice moving the wheelchair carefully at first until you are familiar with it and the way it behaves. Wheelchairs have only a limited ability to resist tipping and sliding. Particular care is necessary when braking and moving onto, or turning on inclines. Leaning a long way out of the wheelchair increases the danger of tipping.

To overcome obstacles more easily, the wheelchair must be tipped by the accompanying person.



# 6. Technical data

Dimensions and weigths	Version 1 with footrest	Version 2 with leg rest	
Total length with/without leg rest (cm):	87 - 99, standard: 93	90 - 102/79 - 91 standard: 96/85	
Width (cm):	SB+17	SB+17	
Height (cm):	82-97	82-97	
Folded (BxHxL) (cm):	30x82x93	30x82x93	
Height of handle (cm):	80-95	80-95	
Lower leg length (cm):	45 - 55,5	40 - 48	
Footrest angle (°):	+/- 25	+/- 10	
Knee angle (°):	108	105	
Unloaded weight (kg):	14,8	14,8	
Max. weight capacity (kg):	135		
Seat angle (°):	0 bis 17, standard: 3		
Seat width (cm):	36/38/40/42/4	44/46/48/50/52	
Seat depth (cm):	42 - 46/48 - 52,	standard: 42 - 46	
Front seat height (cm):	50/51/52/53/5	54/55/56	
Rear seat height (cm):	42/44/46/48/	50/52	
Seat back angle (°):	75/81/87/93/	99, standard: 90	
Seat back height (cm):	30 - 45 mit 2,5 cr dard: 30	m increments, stan-	
Height of the armrests (cm):	19 - 26,5 (options	al)	
Length of the armrests (cm):	34 (optional)		
Width of the armrests (cm):	5 (optional)		

	Version 1 with	Version 2 with leg
<b>Driving characteristics</b>	footrest	rest
Turning circle (mm)	600	600
Static stability (°)		
Forwards:	15	15
Backwards::	15	15
To the side:	3,8	3,8
Tyres		
Drive wheels (inches):	24x1, pneumatic tyr	res, 750 kPa

Drive wheels (inches):	24x1, pneumatic tyres, 750 kPa
Swivelling wheels (mm):	150 x 30, puncture resistant PL
camber angle (°):	1 - 4

# Equipment

Frame:	lacquered aluminium
Skirt guard::	plastic (ABS)
Seat and back pads:	nylon, textile
Armrest:	PU foam (optional)

# 7. Transport

# 7.1. Transporting the wheelchair

To transport the wheelchair as convenient as possible, all detachable parts (footrests, wheels, accessories) must be removed and the wheelchair folded.

#### 7.2. Seat in disabled vehicle

You can determine whether or not your wheelchair is approved for use as a seat in a vehicle for transporting disabled people by referring to the symbols on the CE sticker on the product (Fig. A, B, C).



A: Suitable as seat in disa-

B: Not suitable as seat in disabled vehicle



C: Fixing point restraint system

All products approved by B+B for use as seats in vehicles are tested in accordance with ISO 7176-19. The tests in accordance with ISO 7176-19 were performed using restraint systems from AMF-Bruns. The correct mounting of the restraint system is a prerequisite for the safe transportation of the products in a vehicle for transporting disabled people and the basis for the approval.

The restraint systems from AMF-Bruns provide the ideal points for the provision of restraint force for the purpose of securing the products in the vehicle for transporting disabled people (known by the German term "Kraftknoten", which is defined in the standard DIN 75078-2). For the purpose of providing restraint in the vehicle for transporting disabled people, the products must only be secured at these specific points ("Kraftknoten" points). If possible, use a permanently installed car seat and its belt system. Stow the wheelchair in the luggage space.

The person responsible for the transportation should be familiar with the current regulations for transportation as well as with the method of operating the vehicle for transporting disabled people and the restraint system. Anchored 4-point restraint systems must be used to secure the wheelchair in the vehicle. If you have any queries about securing your product in a vehicle for transporting disabled people, please contact the B+B customer service.

# 8. Maintenance tips for users

# 8.1. Cleaning and disinfection

- The frame and the paneling of the wheelchair can be cleaned with a moist cloth. You can use a mild detergent for more stubborn dirt
- The wheels can be cleaned with a wet synthetic fiber brush (do not use a wire brush!)
- Push handles, arm pads, and seat and back pads can be washed off. Use mild detergent.
- Use a disinfectant listed by VAH for disinfection.

Observe our included overview of the most important care, hygiene and maintenance work.

#### 8.2. Check before use

# 8.2.1. Brake Inspection

- Make sure your brakes are operating properly before each use.
- It should not be possible to push the wheelchair away while the brakes are activated.
- The wheelchair should be easy to drive without grinding noises and with good direction stability when the brakes are released.
- If you notice unusual behaviour when braking, inform your qualified mobility dealer immediately and do not use the wheelchair.

# 8.2.2. Checking the tyres

Check whether the tyres are intact and inflated to the correct pressure (750 kPa) every time before driving.

# 9. Maintenance tips for retailers

We recommend having the wheelchair inspected by your qualified mobility dealer at least once a year. If faults or defects at the wheelchair are found, it must be returned to the dealer for repair immediately. The dealer can receive the required information and documentation for repair and service on request. A training program is also available for dealers.

B+B customer service is available at +49 (0)700/60007070.

# 10. Transfering the wheelchair

The wheelchair is suitable for continued use by others. When the wheelchair is transferred to a new owner, please include all the technical documentation with it for the new user.



The wheelchair must be inspected in accordance to the service plan and must be in good condition.

## 11. Storage/shipping

If the wheelchair is to be stored or shipped, all attachable and unsecured parts, apart from the drive wheels, must be removed and packed individually in appropriate cartons. The individually packed parts can then be packaged together in a larger carton. We recommend to keep the original carton and store it for those purposes so that it is available if required. Your wheelchair will have an optimum protection against environmental influences during storage and transport.

# 12. Disposal

If the wheelchair is no longer used and you wish to dispose it, please contact your dealer.



If you wish to dispose the wheelchair yourself, please contact a local recycling company for the disposal regulations of your local jurisdiction.

# 13. Warranty

The warranty covers all defects of the wheelchair that are demonstrably due to material or manufacturing defects. Any claim must be accompanied by the completely filled-out warranty certificate.



Warning! Non-observance of the instruction manual, improper maintenance and in particular any technical changes and supplements (added fittings) without the approval of B+B will generally lead to forfeiture of warranty and product liability claims.

Our products comes with a statutory guarantee of 2 years. For replacement devices and repairs, a warranty period of 1 year applies.

Please also observe the B+B care, warranty, hygiene and maintenance instructions. Your qualified mobility dealer will be happy to provide these to you.

# (Please note our general business terms and conditions) Model: BX 11 Serial Number:\* \* (to be filled in by authorized dealer) Dealer: Date and Stamp

\*The serial number is located on the side frame.

#### **Bischoff & Bischoff GmbH**

Becker-Göring-Straße 13 D-76307 Karlsbad www.bischoff-bischoff.com





