

Instruction Manual

FORTIS



Enjoy mobility.

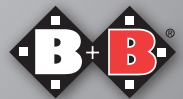


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1. Introduction

Dear user,

You have decided on a high-quality Bischoff & Bischoff scooter, and we would like to thank you for your trust.

The scooter was designed to offer you many advantages and meet your needs. Thanks to the various adjustment options and optimum adaptability, the scooter can be adjusted according to your individual body size. The scooter is designed for outdoor use only.

Please read and follow the operating manual carefully before using your new scooter for the first time. The operating manual is an integral and necessary component of the scooter. Keep the operating manual where you can refer to it and if you transfer the scooter, give the manual to the new owner.

The scooter complies with the requirements of ISO 7176-14: 2008 (drive and controller systems for scooters and scooters; requirements and testing). 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 Bischoff & Bischoff dealers.

1.1. Signs and symbols



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



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

2. Important safety instructions

2.1. General safety instructions

- To avoid falls and dangerous situations, you should first practice driving your new scooter on level, unobstructed ground. We recommend having an assistant with you.
- Before operating the scooter, please check that all attached parts are correctly fastened.
- Practice driving on level, unobstructed ground before first use. Get a good understanding for the way the scooter brakes and accelerates when driving straight ahead or a curve.
- Please note that displacing the center of gravity by shifting the body or by adding loads may increase the risk of tipping over the scooter to the side or backwards.
- The scooter 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.
- Be aware of the risk of trapping body parts when making settings and adjustments to the scooter.
- Never use the scooter under the influence of alcohol or other substances that may impair your attention and/or your physical and mental capacity.
- To overcome obstacles, please be sure to use ramps. Should it be necessary to lift the scooter over an obstacle, then only do so without the occupant. Only lift by the solid parts of the frame.
- Avoid hitting obstacles (steps, curbs) at full speed.
- The control unit must always be switched off when getting in or out of the scooter.
- All road traffic regulations must be observed when driving on public roads.

- The rear lights at the scooter must always be visible to other road users.
- If possible, wear bright, conspicuous clothing. This will make it easier for other road users to see you.
- 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 scooter from exposure to direct sunlight.
- The seat materials comply with the flammability resistance requirements of EN 1021-1 and EN 1021-2. Nevertheless, you should exercise the necessary caution if you are smoking and refrain from putting any cigarettes down on the scooter.



Please note that operation in pushing mode by disconnecting the drives must only take place on a level surface. The electro-mechanical brake is thereby disabled. There is a danger of fatal injury if this instruction is not complied with.

2.2. Information on EMC interference

Despite compliance with all applicable EMC directives and standards, it is possible that the scooter may affect or be affected by other electrical devices (e.g. mobile phones, alarm systems in department stores).

If you become aware of any such interference, either turn off the other device or turn off your scooter and move it outside the range of the interference.

2.3. Brakes

There is a service brake for braking while in pushing mode with the drive disconnected or in an emergency (fig. 01).

After letting go of the joy-stick, the automatic brakes will slow the scooter until it comes to a complete stop. If the drive is connected, the scooter cannot be pushed or displaced because the brake is automatically applied to the motors.



2.4. Safety in vehicles

The scooter is to be secured against slippage by using straps. Ensure that the strap system for your vehicle is approved. You can find information about the hold points in section 4.6.

For explanations as to whether your scooter is suitable for use as a seat in a vehicle for disabled people and how it must be secured, see section 4.7.

2.5. Use on Public Roads

The scooter is designed for 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.

2.6. Purpose

The scooter Fortis is designed for outdoor use by persons with impaired mobility. It is therefore capable of travelling long distances and overcoming obstacles outdoors. The scooter Fortis is classified according to EN 12184 in category C. The maximum load capacity is 135 kg.

2.7. Indications

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

Provision of a scooter is advisable if the use of manually operated scooters is no longer possible because of the disability but the person can still competently operate a vehicle driven by an electric motor.

2.8. Contraindications

The provision of a scooter is unsuitable for persons

- with severe balance disorders
- with impaired or insufficient vision
- with strongly impaired cognitive abilities

2.9. Declaration of conformity

Bischoff & Bischoff GmbH as the manufacturer declares under its sole responsibility that the Fortis scooter complies with the requirements of Directive 93/42/EEC and ISO 7176-14:2008.

2.10. Information about range

The range of the scooter Fortis is 26 km. The range that can be achieved by electric scooters depends on the following factors:

- Composition of the carriageway
- Way of driving
- Battery condition
- Vehicle load weight
- Ambient temperature

Please note that the range specified by us was determined under test conditions:

- Batteries as new and fully charged
- Ambient temperature of 21 °C
- User weight of 85 kg
- Level, firm surface
- Constant speed
- Deactivated lighting system

We wish to advise you that the following factors severely restrict the range:

- Poor state of charge of batteries
- Low ambient temperature (below 10 °C)
- Frequent starting and braking
- Driving uphill
- Driving on surfaces that are not firm (field or forest paths)
- Tyre pressure incorrect or too low

If there is a combination of several factors, the range can be reduced by up to 50 %.

3. Description of Product and Contents

3.1. Inspection on Delivery

All B+B products undergo a proper final inspection in our company and are labeled with the CE mark.

The scooter is delivered in a special carton. Keep the carton after unpacking, if possible. It is useful for later storage of the product or for sending it back.

Delivery and first instructions are taken care of by your qualified medical supply dealer.

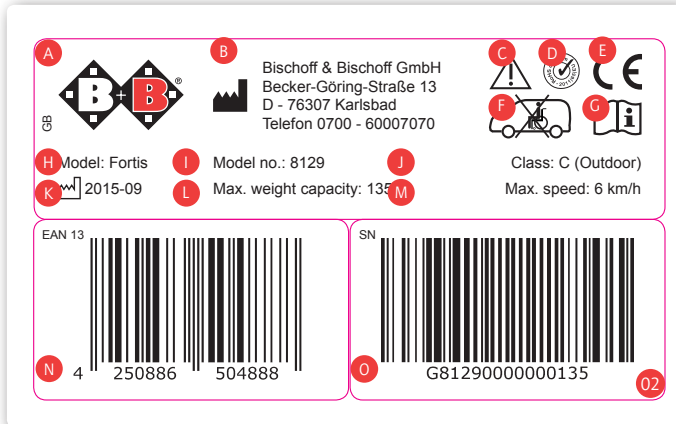
If the scooter is shipped by rail or road, the goods should be checked immediately for transport damages (carton) in the presence of the bearer.

Should there be any damage, please contact our customer service (Tel.: +49 700 6000 7070) immediately.

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. 02) and serial number are located under the battery cover.



- A** Manufacturer logo
- B** Manufacturer information
- C** Caution! - Follow instructions for use
- D** RoHS logo
- E** CE mark
- F** Not suitable for use as a seat in a vehicle
- G** Important - Follow instructions for use
- H** Model designation
- I** Model number
- J** Application class
- K** Date of manufacture
- L** Maximum weight capacity
- M** Maximum speed
- N** EAN 13 item number
- O** Serial number

3.3. Contents

After receipt of the goods, please check the contents for completeness right away. The contents consist of:

- outer package
- Scooter (ready for use incl. 2 batteries)
- Charger
- Operating manual

3.4. Summary



3.5. Basic adjustments

Before using the scooter for the first time, it is necessary to adjust the scooter according to your height. This is essential to ensure that your posture is physiologically correct for driving for extended periods of time without excessive fatigue. The basic adjustments of the scooter are described below. You should carry out these adjustments with the help of your medical supply dealer.

3.5.1. Steering column

Adjusting the steering column of your scooter enables you to set the driving position so that it is comfortable. You can make the adjustment while seated in the driver's seat.

- Hold the handlebar with one hand and activate the adjusting lever with the other hand (fig. 03).
- Move the steering column into the required position and release the lever.



3.5.2. Seat

The seat height can be adjusted and the seat can also be moved forwards and backwards as well as rotated to the side. While the seat height is normally only ever adjusted once, the other adjustments can be made while seated on the seat.

Rotating the seat

- Pull the lever (on the left below the seat surface, fig. 04) towards you. The seat can now be rotated in both directions.
- There is a fixed lock-in position for the seat every 45°.
- Release the lever and make sure that the seat is locked in position again.
- When the seat is between the lock-in positions, it can be removed by lifting it up.





Moving the seat

- Pull the lever (on the right below the seat surface, fig. 05) towards you. The seat can now be moved forwards and backwards.
- You can now adjust the seat to the required position.
- Release the lever and ensure that the seat is locked in one of the closest fixed positions.



Seat height

- First of all, you must remove the seat and the battery cover.
- For this purpose, rotate the seat 90° and remove it.
- The casing is fixed with 2 handscrews (fig. 06).
- Loosen the screw connection and remove the casing.
- Disconnect the plug-in connection of the rear lightning (fig. 07).
- Loosen the screw connection and put the seatpost in the required position inside the tube guide.
- Then firmly tighten the screw connection again in the closest hole.
- Put the seat back on the mounting.
- Make sure that it is locked in position again.



3.5.3. Back rest

The angle of the back rest on your scooter can be adjusted forwards and backwards.. You also have the possibility to limit the adjustment range backwards.



Adjusting the angle

- Pull the lever (on the left on the seat, fig. 08) upwards. The back now pushes forwards.
- Push the back rest into the required position.
- Release the lever and make sure that the back rest is locked in position again.

3.5.4. Arm rests

The arm rests can be swivelled backwards in order to make it easier to mount and dismount. In addition, the height, distance and angle of support of the arm rests can be adjusted.

Height

- Loosen the handscrew (fig. 09) at the top of the arm rest attachment while holding on to the arm rest.
- Bring the arm rest to the required height and tighten the screw again.
- The arm supports can also be removed after loosening the handscrew (fig. 09), e.g. for replacement.



Distance

- Loosen the handscrew (fig. 10) at the bottom of the arm rest attachment while holding on to the arm rest.
- Adjust to the required distance and tighten the screw again.



Angle of support

- You can adjust the angle of support of the arm rests by screwing the Allen screw (fig. 11) of the relevant arm rest further in or by unscrewing it.



3.5.5. Seat belt

The seat belt is attached to the frame from the side.

- Adjust the belt length to meet your needs by positioning the clasp accordingly.
- Fasten the belt with the belt buckle.
- Unfasten the belt by pressing the red button (fig. 12) on the belt buckle.



4. Using the scooter

After you have adjusted the scooter according to your height, familiarise yourself with the functions of the controller.

4.1. Control Functions

The controller is a component of the steering column of your scooter. It contains LED displays and functional elements.

Hazard warning lights

Speed setting

Headlight

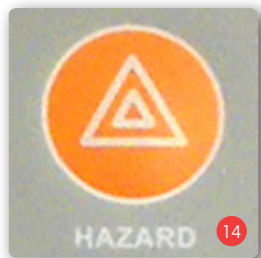
Battery indicator

Horn

Indicators

Ignition lock

Diagnostic LED



Hazard warning lights

Use this button (fig. 14) to switch on the hazard warning lights in emergency situations where it is not possible to drive the scooter. All four indicator lights then flash and signal to other road users that your scooter cannot be driven.

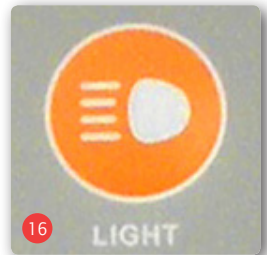
Speed setting

You can use these buttons (fig. 15) to set the maximum speed.

- Turn the switch to the left (turtle) to reduce the maximum allowed speed.
- Turn the switch to the right (rabbit), to raise up to the maximum allowed speed.

**Headlight**

Use this button (fig. 16) to switch on the lights on your scooter when dusk begins to fall or when passing through dark routes such as tunnels. This will make you more easily visible to other road users.

**Diagnostic LED**

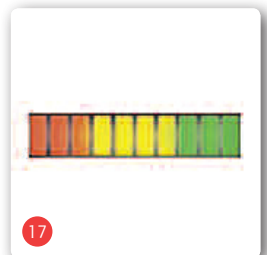
If the diagnostic LED is constantly lit (fig. 13) the scooter is fully functional.

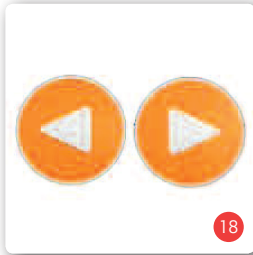
If a fault occurs, this is indicated by flashing. First check the battery status and whether the drives are connected. If the LED continues to flash, contact your mobility dealer.

Battery Status Display

The battery status display (fig. 17) shows to what extent the batteries are charged. If all ten bars are visible, the battery is fully charged.

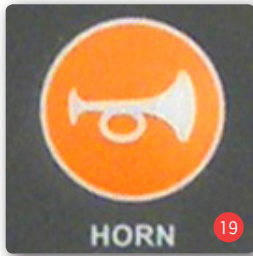
As you use the scooter, the battery capacity decreases and fewer bars are displayed. If only two bars are displayed, this means that only short journeys can now be made and the battery should be recharged (see charging).





Indicators (left/right)

Use this button (fig. 18) to switch on the left or right indicator on your scooter to signal to other road users that you wish to turn left/right. Pressing the button again turns the indicator off again.



Horn

The horn (fig. 19) enables you to draw attention to yourself in difficult situations.

Ignition key

Switch the scooter off and on using the ignition key.

4.2. Getting in and out

Ensure that the scooter is switched off before sitting on it.

- Move the steering column, as described previously, into the upright position and swivel back the arm rest on the side from which you intend to sit down so that the arm rest is out of the way.
- It is easier for you to sit down if you rotate the seat 90° to the side from which you intend to sit down (see the section entitled Basic adjustments).
- Now sit down.
- Rotate the seat in the driving direction or swivel the arm rest forwards again.



Ensure that the seat firmly locks in position again.

- Adjust the steering column so that you can comfortably reach all the controls.
- To get out, follow the instructions accordingly in reverse order. However, take out the key beforehand so that you can ensure that no unintended actions or movements occur.

4.3. Driving the scooter

You should make your first journey on a level site with ample space

- Ensure that you are sitting correctly on your scooter. Set the speed as low as possible. You can increase the speed when you are more familiar with handling the scooter.
- To switch on your scooter, insert the ignition key into the ignition lock on the control panel and turn the key a quarter turn to the right.
- To switch off the scooter, turn the key a quarter turn to the left. After getting out of the scooter, always ensure that you have removed the ignition key and do not leave the scooter unattended with the ignition key inserted.
- Please make sure that you do not have your hand on the forwards /backwards lever when you switch on your scooter. This would cause your scooter to display an error message. In this case, turn it off and then on again to rectify this error.
- Pull back the speed selection lever on the right to move forwards. The further you pull back the lever, the higher the speed. The speed can go up to the maximum speed that has been preset using the speed control. Release the lever to stop gently. Practice these two procedures in order to get used to them.
- Steering is easy and works exactly like a bicycle in that you turn the handlebars in the direction in which you wish to move. Leave plenty of distance when you travel around a curve so that the rear wheels are able to follow the path of the front wheels and so that you do not cut across objects.





- It is necessary to pay attention when reversing. Ensure that your speed is low before reversing. Please keep in mind that you need to steer in the opposite direction when you are reversing. This requires practice. Practice this also on a level site with ample space.



Please note that, for safety reasons, the reversing speed is only half the speed going forward.

- If you turn sharply, turn the handlebars before you accelerate. Always drive in a wide arc around corners and obstacles and ensure that you drive slowly and carefully. For your own safety, the scooter automatically reduces the speed when cornering.
- When the drive is connected, the brake is automatically applied when the throttle lever is released. The scooter then cannot be pushed or displaced because the brake is automatically applied to the motor.



4.4. Pushing mode

If you want to push the scooter in certain situations, you must unlock the brakes. It is easy to push the scooter in free wheel mode.



The electro-mechanical brake will then not operate.

- Pull the unlocking lever upwards.
- A small jerk will indicate that the drives are now unlocked.
- To lock, simply push the lever down and locking then takes place automatically.



For safety reasons, the motor drive is locked when the scooter is being operated in pushing mode.



Caution! Danger of fatal injury! The drives must only be disconnected on a level surface.

4.4.1. Brakes in pushing mode

A manual service brake is attached to your scooter (as described in section 2.3). This can be used for support with braking when the drives are connected; it can also be used as a service brake when the drive is disconnected. The service brake acts on both front wheels and also serves as a locking brake.

Parking and locking the brake is performed by locking the drive. For this purpose, the scooter must be brought to a standstill by a helper and/or by using the manual service brake. The electro-mechanical brake, as shown in figure 23, must then be activated.



4.5. Overload switch

If the motor is overloaded due to driving uphill for too long, for example, it switches off automatically. This protects the motor and the electrical components.

After the motor has switched off in such a manner, please wait a few minutes and then press the overload switch. (See fig. 24)

The overload switch is located on the seat mounting, directly under the housing cover. (See fig. 25)



The scooter should now function properly again. If it does not, please contact your mobility dealer or our customer service.

4.6. Disengaging the drive unit

In order to save as much space as possible for transport, the drive unit, including the motor and rear wheels, can be disengaged.

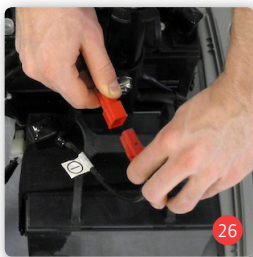
You must also remove the batteries when carrying out work; please be extremely careful about this. Do not use metal tools, do not touch the battery terminals and ensure that you follow the battery manufacturer's instructions.



This work should only be done by a trained technician. There is danger of fatal injury!

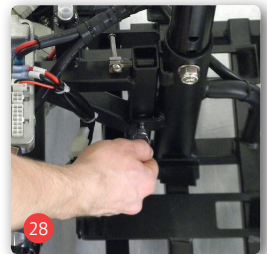
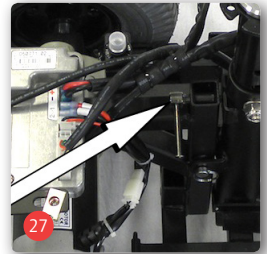
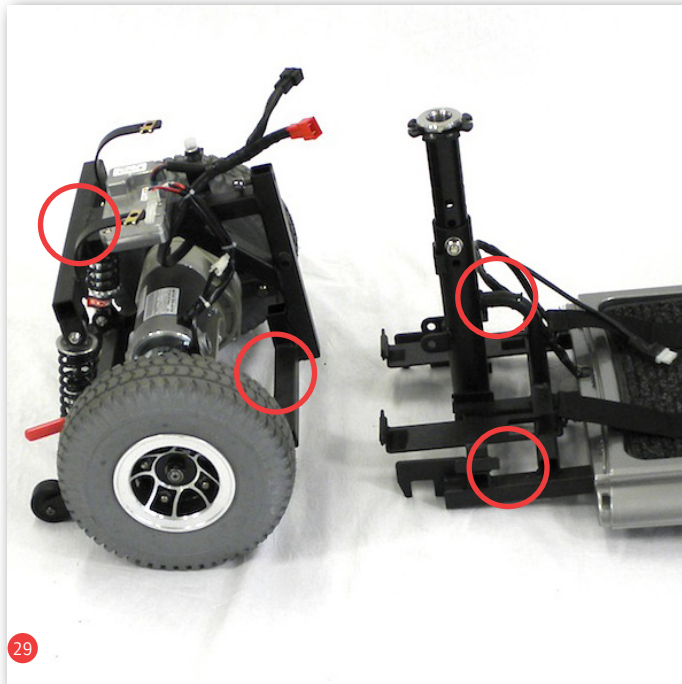


For your safety, the seat must be lifted by two people, as it is the heaviest individual part (17 kg).



- First of all, you must remove the seat and the panel.
- For this purpose, rotate the seat 90° and remove it.
- The panel is fixed using 2 hand screws.
- Undo these and take the panel off.
- Disconnect the plug connection of the rear lighting.
- The batteries should then be removed. To make this easier, the cables are fitted with plug connections.
- Disconnect the plug connections (Fig. 26) for both batteries.
- Undo the hook-and-loop fastener and carefully lift the battery out.
- Now, undo the screw joint (Fig. 27). You do not need to completely remove the screw to do this.
- Remove the safety split pin (Fig. 28).

- You must now lift the front frame and push it forwards in order to disconnect the drive unit.
- The drive unit is now disengaged. Perform the operations in the reverse sequence to re-engage it.
- Lift the drive unit and the front part only on the frame (Fig. 29). Do not grip the panel, electronics or other attached parts.



4.7. Transporting the scooter

The scooter's modular design enables you to transport it, even in vehicles with relatively little stowage space.



RISK OF ENTRAPMENT! Ensure that you are aware of the increased risk of entrapment when stowing your scooter.

- First of all, switch the scooter off.
- Depending on the available space, it is sufficient to fold down the back rest and steering column and secure the scooter using safety belts on the frame.
- To save space, you can dismantle the scooter in just a few easy steps, by removing the drive unit, the batteries and the seat, and stow them separately.
- In the process, carefully protect all the individual parts against slippage using safety straps.
- The scooter, including the batteries, is generally suitable for transportation in an aircraft. You can find out the conditions for transportation from your airline. The batteries may need to be removed. You can find information about this subject in section 6.3.

You can determine whether or not your scooter 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:

- ***Scooter suitable for use as a seat in a vehicle for transporting disabled people (see fig. A)***
- ***Scooter not suitable for use as a seat in a vehicle for transporting disabled people (see fig. B)***

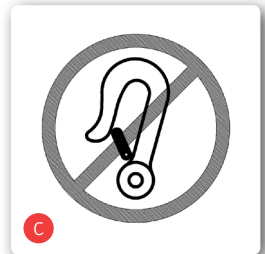
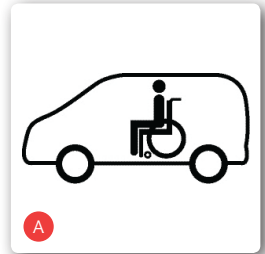
The scooter has also been marked with symbols on the frame which quickly show you and your transport service if it is suitable for transport in scooter accessible vehicles and where the fastening points are located:

- ***Scooter not suitable for use as a seat in a vehicle for transporting disabled people (see fig. C)***
- ***Fixation points on the restraint system (see fig. D)***

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 (see fig. D), 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 scooter 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 scooter 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 on +49 (0)700/60007070.



5. Technical data

Dimensions and weights

Max. load :	135 kg
Seat width :	44 - 47 cm
Seat depth :	40 - 41 cm
Seat angle :	4°
Seat height, from foot rest :	50 cm
Seat height, from floor :	64 cm to front edge of seat
Distance :	17 - 24 cm of arm rest to seat surface -2 - 0 cm Front armrest attachment, measured from the backrest. 0 - 2 cm Horizontal position of rear axle, measured from the back rest
Back rest height :	44 cm
Back rest angle :	0 - 30°
Overall length :	120 cm
Overall width :	62 - 76 cm
pack size Length/Height:	120/89 cm
Unladen weight:	89 kg including basket and batteries
Weight of heaviest parts :	Seat: 17 kg, Batteries: 14 kg

Electrical system

Fuses	
Overload switch (A) :	35 (resettable)
Batteries (A) :	2x 125
Accessories (A) :	10
Battery :	2 x 12 V / 36 Ah (maintenance-free, leakproof)
Charger :	24 VDC / 5 A (CTE 4C24050A)
Motor :	DC 24 V / PEAK 350 W/4200 rpm
Controller :	S-Drive
Lights and indicators :	as required by German traffic regulations (StVZO)

Tyres

Driving wheels :	260 x 85 mm (3.5 bar)
Steering wheels :	260 x 85 mm (3.5 bar)

Driving characteristics

Speed :	6 km/h (forwards)
Climbing capacity :	12°
Max. obstacle height :	60 mm (with 0.5 m approach to obstacle)
Range :	26 km
Turning circle :	140 cm
Turning distance :	190 cm
Braking distance :	0,9 m (from max. speed)
Max. safe angle :	6°
Dynamic stability :	6°
Static stability :	12,5° Downwards / 12,3° Upwards 12,8° Lateral

Operating forces

Throttle lever :	Approx. 2 N
Buttons on the controller :	Approx. 5 N
Disconnecting the drives :	< 60 N

Operating conditions

Temperature :	0 - 50° C
Air humidity :	20 - 80 %

Storage conditions

Temperature :	-20 - 60° C
Air humidity :	45 - 60 %

Equipment

Frame :	Powder-coated steel frame
Panel :	Plastic
Seat :	Artificial leather
Brake :	2 independent braking systems as required by German traffic regulations (StVZO)

6. Care instructions for the user

6.1. Cleaning and disinfection

Ensure that the scooter is switched off before starting to clean it.

- The frame and the paneling of the scooter 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!)
- You can remove dust and small stains from your seat, backrest and armrests with a moist cloth. Do not use any aggressive cleaning agents, since they could disintegrate the surface of the fabric.
- Make sure that the electric and electronic components do not come into contact with water unnecessarily!



Warning!

Do not use a high-pressure or steam cleaner.

6.2. Check Before Use

6.2.1. Brake Inspection

Make sure your brakes are operating properly before each use.

- Start off carefully and let go of the throttle lever. The scooter must come to a complete stop as usual.
- When stopped, the mechanical brakes must engage with an audible click. Should you notice any unusual braking behavior, please notify your dealer right away and ensure the scooter is not being used.
- The motor brake is functioning correctly if you can't push the scooter when it is turned off.
- Should you nevertheless be able to do so, then the electro-magnetic brakes are defective. In this case you may no longer use the scooter. Contact your dealer immediately.

6.2.2. Checking the lights, indicators and horn

Make sure your lights, indicators and horn are functioning properly before each use.

- If a unit under inspection does not react when the corresponding button on the control panel is pushed, please notify your dealer immediately and ensure the scooter is not being used.

6.2.3. Inspection of Tyres

Before embarking on any journey, check that the tyres are in good condition.

- Check the tyre pressure. This should be 3.5 bar.
- Carry out a regular check of the tread depth of the tyres once a month. This should be at least 1 mm.
- Any faulty or worn out tyres must be changed through your mobility dealer.

6.3. Batteries

Your scooter is equipped with maintenance-free gel batteries whose fluid level doesn't need to be checked.

If your scooter is not used for an extended period, the charger should be connected about every 2 months to prevent damage to the batteries by deep discharge.

Before embarking on any journey, just check the charge status of your battery on the battery status display located on your controller. If the battery status display is in the low range, do not travel longer distances and promptly connect the battery charger to the scooter. We recommend connecting the charger to the scooter after every journey.

6.3.1. Charging

Only use approved chargers (of the type specified in the Technical data or supplied by the B+B mobility dealer) to charge the batteries. Ensure that you also follow the instructions for use of the charger.

- Before switching on the charger, check that the power supply is 230 V.
- First of all, switch the scooter off.
- Connect the charger to the scooter. The charging socket is located at
 - the side underneath the controller (fig. 30).
- Insert the mains plug of the charger into the mains socket (230 V) and switch on the charger.
- The charge indicator of the charger shows the status of the charging process
 - right LED: **green** - Charger is switched on
 - lef LED: **orange** - Charging in progress
 - green** - Charging completed
- Pull out the mains plug when charging is complete and disconnect the charger from the scooter.



6.3.2. Replacing the batteries

Be very careful when working on the batteries. Do not use metal tools, do not touch the battery terminals and ensure that you follow the battery manufacturer's instructions.



Caution! This work should only be done by a trained technician. There is danger of fatal injury!



Only use batteries that are approved for this scooter (see Technical data). Ensure that the scooter is switched off before starting to replace the batteries. The batteries are located under the seat of the scooter and are protected by the housing cover.

- Remove the housing cover..
- To remove the batteries, undo the hook-and-loop tape and carefully take out the batteries. The connectors are mechanically coded and can only be reconnected one way. Do not use force.
- Lift the new batteries into position and connect the contacts. Ensure that you observe the correct colour-coding (red and black, fig. 32)
- Reattach the housing cover and seat.



When the batteries have reached the end of their life, i.e. cannot be sufficiently charged any more, they must not be disposed of with the household waste. When new batteries are purchased, the mobility dealer takes the old batteries and disposes of them correctly.

7. Maintenance tips for retailers

We recommend having a complete inspection of the scooter carried out at least once a year by a qualified mobility dealer. If the scooter develops any faults or defects, it must be taken to the mobility dealer immediately for repair. The information, documentation and circuit diagrams required for repair and maintenance shall be supplied to the mobility dealer on request. A training programme is available for mobility dealers. If you have questions, you can contact the B+B customer service by telephoning +49 (0)700/6000 7070.

8. Storage / Shipping

If the scooter is to be stored or shipped, all attachable and unsecured parts must be removed and packed individually in appropriate cartons. The individually packed parts can then be packaged together in a larger carton. We recommend keeping the original packaging and storing it with these purposes in mind so that it is available if required. Your scooter then has optimum protection against environmental influences during storage or transport.

9. Disposal

If your scooter is no longer being used and is to be disposed of, please contact your mobility dealer.



If you wish to dispose of the product yourself, contact local waste management companies to enquire about the waste disposal regulations that apply to your place of residence.

10. Use by others

The Fortis is appropriate for use by others. For use by others, the scooter must first be thoroughly cleaned and disinfected according to the accompanying care and hygiene instructions.

The product shall get checked by a qualified mobility dealer for general condition, wear and shall get repaired if necessary.

11. 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 scooter can be used continuously, provided it is in a safe condition.

12. Warranty

Guarantee items refer to all defects of the scooter which can demonstrably be referred to material defect or manufacturing defect. If there are complaints you have to provide a completed certificate of guarantee. We provide the statutory warranty of 2 years for our products. For batteries, 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.

Warranty certificate

Model : Fortis

Model number:

Serial number *

(must be inscribed by the mobility dealer)

Dealer:

Date and seal

(Please note our general business terms and conditions)

*Information labels are located at the front under the battery cover



Non-observance of the operating instructions as well as improper use, maintenance jobs and technical changes or adaptations without the permission of the Bischoff & Bischoff company, lead to guarantee loss and the loss of product liability in general.

Tip!

In spite of careful research and editing, incorrect information may have crept into our operating manuals. The current version of each instruction manual is ready for download at the B+B website: www.bischoff-bischoff.com

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