Instruction Manual

Pyro Light Optima
Pyro Light Optima XL

Enjoy mobility.

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1. Preliminary remark

Dear user,

By purchasing your Bischoff & Bischoff Pyro light Optima folding wheelchair, you are getting a top German product which sets new standards with its variability. The Pyro Start Plus is made for indoor and outdoor use.

The wheelchair is offered in the Pyro Light Optima (model no.: 1331) and Pyro Light Optima XL (model no.: 1321) models. The Pyro Light Optima XL is popular due to the high user weight with double cross-brace and reinforced frame.

These operating instructions intend to help you to familiarise yourself better with the operating and the handling of your wheelchair. Before using your new 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.

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 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 up the wheelchair at parts which 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, 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 note there is a risk of entrapment between moving parts when adjusting, using and maintaining the wheelchair.
- 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.
- Avoid running against obstacles (steps, kerbs) without braking or moving down steps.
- When getting into or out of the wheelchair, apply both parking brakes.

- Avoid using on uneven, loose surfaces.
- All road traffic regulations must be observed when driving on public roads.
- 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.
- The passive lighting (reflectors) of your wheelchair must always be visible to other road users.
- 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, the upholstery will heat up if directly exposed to sunlight and may cause injuries to your skin when touched. Therefore you should cover these parts or protect the wheelchair from exposure to direct sunlight.
- Please note, the frame and pad parts may cool down significantly in winter. If possible, do not park the wheelchair outdoors in cold weather.
- The dimensions of the wheelchair exceed the recommended values of DIN EN 12183:2014/A.1 and PRM TSI Annex M in terms of size and manoeuvring range.
- 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 produced solely to increase mobility and to transport people with impaired mobility in accordance with the above-mentioned indications. The maximum user load is 125 kg for the Pyro Light Optima model and 170 kg for the Pyro Light Optima XL model.
To be noted:
We are only able to provide a warranty if the product is used in accordance with the specified conditions and for the intended purposes.

2.5. Indication

Inability to walk or severe walking disability as a result of:
- paralysis
- loss of limbs
- meromelia/limb deformation
- joint contractures/joint damage
- other ailments

The use of a reinforced wheelchair is indicated, if the weight of the disabled person is 125 kg or more, and a standard wheelchair no longer provides the required safety.

2.6. Contraindications

The use of the wheelchair is not suitable for:

- perception disorders
- severe disturbances of equilibrium
- loss of limbs on both arms
- contractures/damage to joints on both arms
- inability to sit
- reduced or insufficient eyesight

2.7. Declaration of conformity

As manufacturer of the product, B&B declares „Pyro light Optima model 1331" and „Pyro light Optima model 1321" wheelchairs are meeting all the requirements of the 93/42/EEC directive.

2.8. Responsibility

We are only able to provide a warranty if the product is used in accordance to 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, please save the box, if possible. You may need it later for storage or to return the product.

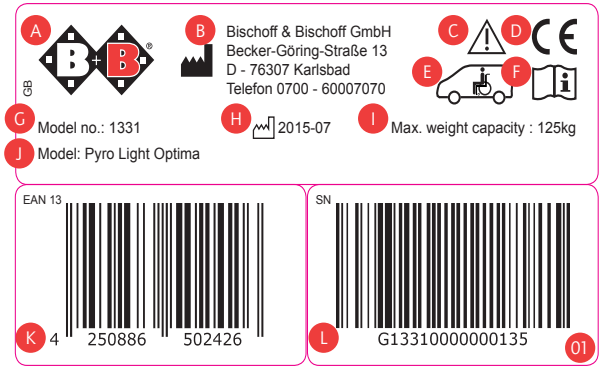
Assembly, adjustment to your body size and first instructions are taken care of by your mobility dealer.

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 frame.



- A Manufacturer logo
- B Manufacturer information
- C Caution! - Follow instructions for use
- D CE mark
- E Follow instructions regarding securing the product in the vehicle
- F Important - Adhere to the operating instructions
- G Model number
- H Date of manufacture
- I Maximum weight capacity
- J Model designation
- K EAN 13 item number
- L 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

Model Pyro Light Optima

Push handles
Backrest cover
Armrest upholstery
Height- and depth adjustable side part
Seat cushion
Parking brake
Lifting points
Castor bushing
Foot rests
Foot plate
Steering wheel

Model Pyro Light Optima XL

Wider seat width
Double crossbrace
Foot plate extendible

4. Assembly/Adjustments

You can carry out the adjustments of your wheelchair yourself with a little manual dexterity. You need a set of 5 mm to 8 mm Allen keys and ring spanners, SW10 and SW13. You can contact your mobility dealer if you have questions.

Please be careful with your fingers when making adjustments. Risk of entrapment!

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. 2).

Unfolding

Position your wheelchair next to you. Tip it towards you until the load is taken off one driving wheel (fig. 3). Now press with the flat of the hand against the seat tube nearest you to unfold the wheelchair (fig. 4).

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

Folding

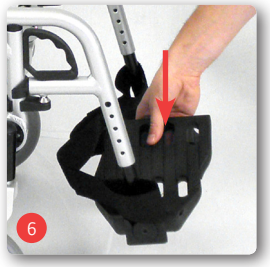
Position your B+B wheelchair next to you. Tip it by pulling the backrest to you until the weight is taken off the opposite driving wheel. At the same time, pull the seat cover upwards until the chair is completely folded (fig. 5).

To prevent injuries, do not hold the wheelchair at the armrest while folding. If legrests are fitted, the foot plates should first be folded up.

4.2. Legrests

4.2.1 Legrests with foot plate

Both legrests are supplied with the foot plates attached. The foot plates on both legrests can be folded upwards.



4.2.2 Attaching legrests

- Hold the legrests on the upper part such that this part points outwards. Operate the handle for the quick-release axle and push the legrests with the guide profile into the hole in the frame (fig. 6).
- Now the legrest is simply folded forwards and locks automatically into place.

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

4.2.3 Removing the legrests

To transport your wheelchair as compact as possible, you can completely remove the legrests and foot plates (fig. 7).

- Pull the handle, that opens the locking device.
- Swing the legrest 90° outwards and pull it upwards.

4.2.4 Swinging away the legrests

To make it as easy as possible to get into and out of your B+B folding wheelchair, you can easily swing the legrests outwards or inwards if needed without having to remove them (fig. 8).

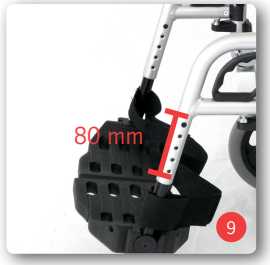
- Pull the handle. This opens the locking device.
- Now you can swing the legrests outwards or inwards.
- If necessary, fold the foot plates upwards first.

To return to the original position, simply swing the legrest forwards until it locks into place.

> When standing up/sitting down on your wheelchair, never stand on the footrest, danger of falling or tipping!

4.2.5 Setting the legrest length

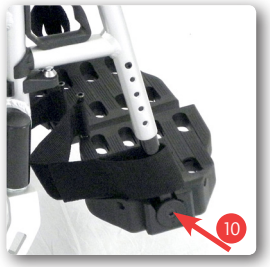
The length of the legrests can be adjusted in five 20 mm steps up to a total of 80 mm. To do so, remove the Allen bolt (4 mm) and set the legrest as required (fig. 9)



4.2.6 Angle-adjustable foot plates

The angle of the foot plates can be adjusted:

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



4.2.7 Width of the foot plates

You can adjust the width of the foot plates.

- Loosen the fastening screw on the foot plate, then you can adjust the foot plate to a narrower or wider setting (105 mm to 155 mm).
- Then secure the foot plate by firmly tightening the fastening screw (Fig . 11).

4.3. Side parts

In order to be able to get in and out more easily, both side parts and the arm rests can be swung backwards. Operate the locking lever using light finger pressure (fig. 12) and swing the side part backwards at the same time (fig. 13).

> Do not use the side parts to lift the wheelchair!

To lock the side part, first swing it forwards and allow it to click into place with light pressure on the armrest

> When moving the side parts, ensure that no items of clothing or other items can get jammed. Before use, check for firm attachment of the side parts!

4.3.1 Removing the side parts

To get in or out the wheelchair, removing a side part can be helpful. To do this, loosen the front locking lever as described previously. You can then loosen the back lock by pulling on the lever. Now you can simply remove the side part. Re-assembly is then carried out in reverse order.

4.4. Armrests

4.4.1 Height of the armrests

You can easily adjust the height of the armrest. To do so, pull the height adjustment lever on the side part and pull the armrest up or down (Fig. 15). When you release the lever, the armrest latches automatically.

4.4.2 Position of the armrests

You can shift the armrests further forwards or backwards. To do this you operate the knob located at the side of the armrest and pull this towards the front or the back. When you let go of the knob, the armrest automatically locks into position.

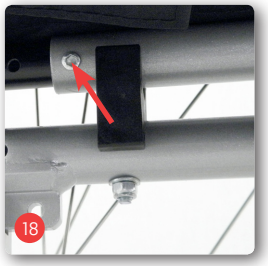
4.5. Seat

4.5.1 Seat depth

The seat depth can be adjusted in five steps. This allows the seat depth to be changed up to 50 cm. First remove the side part bracket and the backrest bracket by loosening the fastening screws (fig. 17).

> Caution. Danger of tipping! If you adjust the driving wheel forwards or the backrest backwards, the danger of tipping is increased significantly. Anti-tip wheels or a wheelbase extension are necessary. Check the settings first with a helper. Only use settings that you feel safe with.

Afterwards, remove the Allen bolts at the back on the seat cover (fig. 18).



Pull the adapter out to the required position and then retighten the bolt. Then pull back the rear part of the seat cover and connect this again with the front seat cover using the Velcro tape (fig. 19).

Reattach the backrest to the wheelchair frame. Position it as close as possible to the seat. Afterwards, mount the bracket so that the side parts click into place correctly.

> For your safety, please use the wheelbase extention when the largest adjustments for seat depth 50 cm are used.

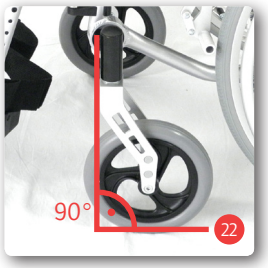
4.5.2 Seat height

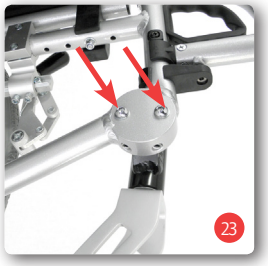
In only a few steps you can adjust the seat height to suit your needs.

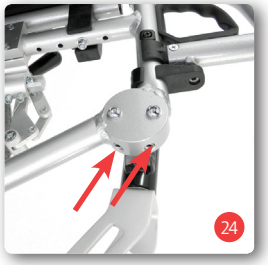
1. Drive wheel height

Take off the drive wheel (see 4.11) to make it easier. To adjust the height of the drive wheel and, consequently, to raise or lower the height of the whole wheelchair, you first have to remove the drive wheel brackets. You can loosen the fastening nuts of the axle bracket with a spanner (fig. 20).

Now you can remove the bracket and fasten it at the desired height. Screw the nut tight again and fasten the drive wheel.







2. Front wheel height

The height of the front wheels can be adjusted to three levels. Loosen the Allen bolt (fig. 21) and pull out the wheel axle. Move the front wheel to the desired height, then tighten the bolt again.

3. Angle of the steering wheel axle

The angle of the steering wheel axle can change as a result of changing the height of the drive wheel and/or the front wheel. This should, however, always be at right angles (90°) to the floor (fig. 22).

First loosen the locking device by loosening both Allen bolts on the interior side (fig. 23).

You can then adjust the angle with the aid of the two grub screws (fig. 24). Subsequently both attachment bolts on the inside are to be tightened up.

4. Adjusting the parking brake

With any change to the height of the drive wheel, the parking brake has to be newly adjusted (see 4.7).

4.5.3 Seat Angle

If you incline the seat of the wheelchair towards the back, you will be sitting more deeply and firmly in the chair. To incline the seat towards the back, attach the quick-release axle in a higher position. If you wish to incline the seat towards the front, fix the quick-release axle in a lower position. Fixing the quick-release axle is done in the same way as in 4.5.2.1.

4.6. Wheel base

Caution. Danger of tipping! If you adjust the driving wheel forwards or the backrest backwards, the danger of tipping is increased significantly. Anti-tip wheels or a wheelbase extension are necessary. Check the settings first with a helper. Only use settings that you feel safe with.

The stability of the wheelchair is improved by lengthening the wheel base. On the other hand, shortening the wheel base improves manoeuverability. A shortening of the wheelbase is only recommended for practised wheelchair users.

To set the wheelbase, loosen the four fastening screws that secure the wheel attachment.

The wheelbase can be adjusted in four stages. Fasten the wheel attachment afterwards in the cut-outs provided. Ensure that all four screws are securely tightened. To increase the wheelbase, a wheelbase extension can also be used.

When changing the wheel base, a subsequent adjustment of the parking brake is also absolutely necessary!

4.7. Brakes

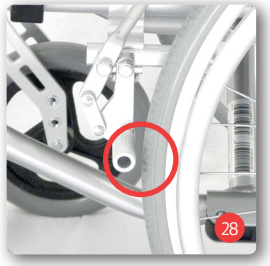
4.7.1 Setting the parking brake

To lock the brake, simply push the brake lever forwards until it locks (fig. 26). To release the locking brake, simply pull the brake lever backwards (fig. 27).

4.7.2 Adjusting the brakes

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

- Check the tyre profile depth. At the same time, check for even wear of the tyres. If the profile depth in the middle of the tread is less than 1mm, the tyre must be changed. If you have the necessary technical experience you can change the tyre yourself, if you do not feel confident to do this yourself, your specialist retailer will be able to help you.
- 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. 28). The braking bolt must be aligned horizontally, that is parallel to the ground surface.
- After unscrewing the two rounded head bolts with 5 mm Allen head on the brake mounting (fig. 29), you can position the brake correctly.



The brakes only operate on one driving wheel each!
Ensure that both drive wheels have the same tyre pressure with pneumatic tyres to achieve good directional stability!
After completion of the setting process, retighten the loosened bolts and test the brakes!

4.8. Backrest

The tension of the backrest can be adjusted to enable you to sit comfortably in the wheelchair. Additionally the height of the backrest can also be adjusted.

4.8.1 Backrest cover

The tauter you adjust the backrest cover, the harder it feels. First remove the backrest padding that is attached by Velcro tape (fig. 30).

Then you can adjust each of the belts so that they are firmer or less firm (fig. 31). To lessen the tension on particular parts of your back, loosen the belt there a little. Now you have to re-secure the back padding by means of the Velcro tape.

4.8.2 Backrest height

To adjust the backrest height it is recommended that the side parts and the back padding are removed first. You can then loosen the screws on both sides (fig. 32) and adjust the frame to the desired height. Then put the screws back into the holes provided and screw them firmly in.

4.9. Push handles

The height of the push handles can be adjusted to make it comfortable for an accompanying person to push you. Loosen the lever screw (fig. 33) on the push handles and adjust them to the required height. Then firmly tighten the lever screws again to lock the push handles.

4.10. Wheels and tyres

The spoked wheels are attached to the frame by means of quick-release axles (Ø12mm) (fig. 34). The Pyro light Optima model comes with quick-release axles as standard. (For quick-release axles, see Section 4.11)

Check that the wheels sit firmly each time they are attached!

4.10.1 Drive wheels

Rubber tyres with an inner tube or PU tyres (puncture proof, no valve) size 24" x 1 3/8" are fitted as standard on your Pyro Light. If they become worn or defective, themobility dealer should be requested to undertake the repair.

To ensure optimum operating safety of the brakes, the pneumatic tyres must have a pressure of 300-400 kPa (3-4 bar).

4.10.2 Steering wheels

Rubber tyres with an inner tube or puncture proof tyres (without valve) with a diameter of 8" x 1 1/4" (Pyro Light Optima XL 200 x 50 mm) are mounted on your Pyro light Optima as standard. If they become worn or defective, the authorised mobility dealer should be requested to undertake the repair.

4.11. Quick-release axles

To achieve significantly easier transport of your wheelchair, the wheels are equipped with quick-release axles as standard:

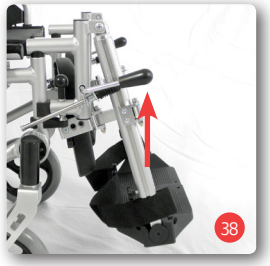
- Press on the locking button of the quick-release axle with a finger and remove the wheel (fig. 36).
- When reattaching the wheel, simple push the wheel back into the mount. At the same time, press the locking button.

Ensure when pushing back in that the quick-release axle is pushed! Check after pushing back in that the wheel is firmly attached by pulling it towards you without operating the locking button of the quick-release axle.

4.12. Tipping aid

The tip assist can be used to help an accompanying person overcome obstacles such as kerbs. Hold the wheelchair firmly at the push handles with both hands. Then with one foot you press on one of the tip assist (fig. 37), at the same time pushing downwards with both hands.

5. Options



5.1. Horizontally adjustable legrests

To attach, remove, swing away and adjust the legrests and the legrest length, please refer to section 4.2.

Horizontal adjustment functions as follows (fig. 38):

- Pull lever backwards
- Bring the legrest into the position required by raising or lowering the support tube for the legrest.
- Release the lever. The legrest locks automatically.

6. Accessories

6.1. Tip protection and anti-tip wheels

Always use the anti-tip wheels in pairs.

To mount the anti-tip wheels, proceed as follows.

- Remove the rubber profiles of the anti-tip wheels.
- Push the round profile for the anti-tip wheels onto the lower side frame tube.
- Attach the tilt protection with the M6x35 bolt and locknut M6 in the hole in the frame provided. (fig. 39).

When the anti-tip wheels are raised, they can also be used for tipping assistance. (fig. 40).

6.2. Safety belt

If required, a safety belt is available as an accessory. This is mounted on the side frame of the wheelchair with the side part either temporarily removed or swung away (fig. 41). Take the open end of the belt once around the side frame tube and fix it with the belt buckle.

Length adjustment is also carried out with the belt buckle. Adjust the belt length such that the belt sits firmly but does not apply pressure.

7. Use

Please be careful of your fingers during use. Risk of entrapment!

7.1. 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 Pyro Light Optima 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 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!

7.2. Entering and leaving from the front

- First fold the foot plates up or remove the leg rests.
- Move the Pyro Light Optima and the current or intended seat together front to front if possible and decelerate the Pyro Light Optima.
- 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.

Never stand on the footrest!
Risk of tipping!

7.3. Negotiating stairs and high steps

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

- Helpers must only take hold of securely fitted parts of the frame. The lifting points are shown in Figure 42 depending on the model equipment.
- 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!

7.4. 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.

Moving and braking are achieved via the push rims on the drive wheels. 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.

You can hang shopping bags or a rucksack on the backrest frame.

Please note that the risk of tipping over backwards is significantly increased by hanging bags and rucksacks on the backrest.

To get over obstacles more easily, the assisting person must position the wheelchair at the correct angle to the obstacle by pressing on the tip assist.

Before getting in or out, the parking brake should get locked. Use outside of the home should only be undertaken with sufficient experience. When possible, somebody should accompany you.

The static stability of the basic model is 7° (ca. 8 %). The critical obstacle height at the basic model in unfavourable situations is 23 mm (maximum centre of gravity shift)

The critical obstacle height is the height in which the centre of gravity (with the user) is right vertical over the obstacle rim. If the user tries to put the wheelchair with the help of the driving wheels on the obstacle without having shifted the centre of gravity forwardly, the wheelchair will tip over backwardly.

According to STVZO 66/1 (German Road Traffic Act) of 01.01.1981, hand propelled wheelchairs require permanently attached lighting to participate in public road traffic (including on footpaths).
This consists of (passive):

- two red reflectors to the rear
- two amber reflectors on both sides.

If the wheelchair is used after dark, the following are necessary in addition (active):

- one white light forwards
- one red light backwards.

These lights must work from an electrical circuit independent of the movement (batteries) power.

8. Technical data

Dimensions

Total length with leg rests (mm):	1090
Width (mm):	Seat width + 150
Height (mm):	850 - 950
Folded (BxHxL) (mm):	360 x 850 x 1090
Lower leg length (mm):	410
Seat width (mm):	370, 400, 430, 460, 490, 520* 520, 550, 580**
Seat depth (mm):	400, 425, 450, 475, 500
Seat height (mm):	425, 450, 475, 500
Seat angle (°)	3°
Backrest angle (°):	7° optional adjustment function
Backrest height (mm):	400, 420, 440, 460
Height of armrest (mm):	190 - 265
Length of armrest (mm):	400
Front armrest attachment (mm):	400
Position of the rear axle with respect to the backrest (mm):	+40 bis -20

Dimensions

Knee angle (°):	90° optionally adjustable
Wheel camber (°):	0

Weigths

Max. weight capacity (kg):	125* 170**
Unloaded weight (kg):	17,12* 21,20**
Weight of attachments	
- Legrest (kg):	1,8 (2)
- Side parts (kg):	2,2 (2)
- Drive wheels (kg):	3,6 (2)

Driving characteristics

Turning radius (mm):	1060

Stability

Static uphill/downhill (°):	15,4 / 18,5
Static sideways (°):	13,7
Dynamic uphill (°):	7

Ambient conditions

Temperature (°C):	35
Air humidity (%):	80

Storage conditions

Temperature (°C):	40
Air humidity (%):	80

Tyres

Drive wheels:	24" x 1 3/8" (610 x 35 mm) PU
Steering wheels:	8" x 1 1/4" (200 x 50 mm) PU

Equipment

Folding mechanism:	single cross-brace* double cross-brace**
Side parts:	height and depth adjustable
Legrests:	removable/swing-away, lower leg length is adjustable (optionally horizontally adjustable), angle and width of the foot plates are adjustable.
Brakes:	Parking brakes (compact brakes)
Drive wheel axles:	quick-release axle as standard
Frame:	Aluminium, powder-coated
Components::	Aluminium plastic-coated
Seat and back covers:	high-quality, washable, breathble and easy-care nylon with foam inserts, flame-resistant
Armlehne:	PU with foam inserts
Colours:	metallic silver

Standard equipment for:

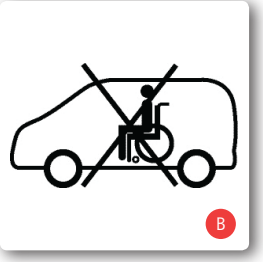
*Pyro Light Optima / **Pyro Light Optima XL

9. Transport

9.1. Transporting the wheelchair

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

9.2. 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:

Wheelchair suitable for use as a seat in a vehicle for transporting disabled people (fig. A)

Wheelchair not suitable for use as a seat in a vehicle for transporting disabled people (fig. B)

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

Wheelchair not suitable for use as a seat in a vehicle for transporting disabled people (fig. C)

Fixation points on the restraint system (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 to 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 (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 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 department on +49 (0)700/60007070.

10. Maintenance tips for users

10.1. 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.

10.2. Check before use

10.2.1. 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.

10.2.2. Checking the tyres

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

11. 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.

Repair and replacement of parts are carried out by the qualified mobilty dealer.
B+B customer service is available at +49 (0)700/60007070.

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

12. Use by others

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

The product shall get checked by an authorised dealer for general condition, wear and shall get repaired if necessary.

13. 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.

14. 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.

15. 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.

Warranty-Certificate

Model: Pyro Light Optima/ Pyro Light Optima XL

Modellnummer:
Serial number:*

* (to be filled in by authorized dealer)

Dealer:

Date and stamp

(Please note our general business terms and conditions)

*The serial number is located on the side frame.

Tip!

In spite of careful research and editing, incorrect information may have crept into our operating manuals. The current version of each of the operating manuals can be found in the download area of our website: www.bischoff-bischoff.com

Notes

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ISO 9001
BUREAU VERITAS
Certification

ISO 13485
BUREAU VERITAS
Certification