

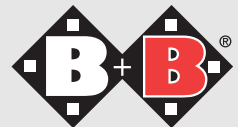
Bischoff & Bischoff

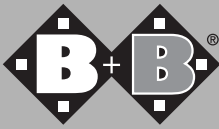
Instruction manual

S-VR / S-Care



Enjoy mobility.





Preface

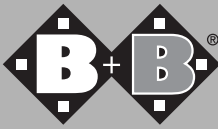
Dear user,

with the purchase of your Bischoff & Bischoff S-VR and S-Care multifunctional wheelchair you are now the owner of a top-quality German product that sets new standards with its range of adjustments. This instruction manual will familiarise you with the operation and use of your wheelchair.

Please read the manual completely before using your wheelchair for the first time.

Contents

1	Important safety instructions	4
2	Indications	6
3	Purpose	6
4	Declaration of Conformity	6
5	Delivery and checking the contents of the package	7
6	Overview of wheelchair	9
7	Assembly and adjustments	11
	7.1. Leg rests	
	7.2. Side sections	
	7.3. Back rest	
	7.4. Wheels and tyres	
	7.5. Brake	
	7.6. Anti-tilt mechanism and aid	
8	Operation	17
	8.1. Entering and leaving	
	8.2. Moving	
9	Accessories	19
	9.1. Safety belt	
10	Transport	20
11	Storage and shipping	20
12	Repairs	20
13	Attachments:	20
	Care, hygiene and maintenance instructions	
14	Disposal	22
15	Technical data	23
	Hygiene plan and risk assessment	
	Maintenance work	
16	Warranty certificate	30

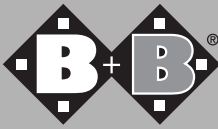


1. Important safety instructions

Practise using your new wheelchair on a small, flat area first to prevent falls and hazardous situations. We recommend having an assistant with you at this time.

- Before using the wheelchair check that all attached components are correctly fastened.
- Make sure that the screw axes are correctly inserted into the openings to prevent injuries.
- Please note that changes in the balance of the wheelchair (e.g. when moving over obstacles that are to the side of or behind the wheelchair) increase the risk of tipping over.
- Steps must be negotiated only with the assistance of two assistants. If available, use access ramps, lifts or stair-climbing devices.
- The wheelchair may tip on inclines of 16% (10°) or greater. The use of the anti-tilt mechanism is recommended in these circumstances.
- Do not travel into an obstacle (step, kerb) without braking or jump down from steps.
- The assistant may use the anti-tilt rollers to assist 'in tilting the wheelchair when negotiating obstacles.
- The brake must always be set when the user enters or leaves the wheelchair.
- Make sure that the tyres have sufficient tread (>1 mm).

- Always follow the traffic regulations on public streets.
- The lights on the wheelchair must always be visible to other traffic and pedestrians.
- When using the hand rims for braking (slowing down from speed or descending long slopes), hands will quickly become hot. We recommend using leather gloves when using the wheelchair outdoors to improve grip and to protect your hands.
- The tyre brake is designed for use as a parking brake only. It must not be used for braking while moving.
- When transferring between wheelchair and bed:
 - ⇒ set both parking brakes
 - ⇒ remove the side section
 - ⇒ lift the foot plates
(when leaving or leaving the wheelchair)
or remove the leg rests.



2. Indication

Walking disability or serious difficulty in walking as a result of

- paralysis
- loss of limb
- defect or deformity in limbs
- joint contractures or joint injury
- other conditions

A reinforced wheelchair with a seat back that can be inclined to 30 degrees is indicated if the body weight of the wheelchair user exceeds 90 kg and the nature of the handicap requires an almost horizontal position or a horizontal position is required at times. Normal wheelchairs do not provide the required safety.

3. Purpose

The wheelchair is designed exclusively to improve mobility and to transport handicapped persons for whom its use is indicated based on one of the above indications.

The maximum patient weight is 120 kg Please note:

A warranty claim can only be accepted if the product is used under the specified conditions and for the specified purposes.

4. Declaration of conformity

B+B as the manufacturer of the product declares that the SVR and S-Care wheelchairs fully comply with the requirements of Directive 93/42/EEC.

5. Delivery and checking the contents of the package

All B+B wheelchairs are inspected before they leave our factory and the CE mark is applied.

B+B wheelchairs are delivered fully assembled in a special carton. The wheelchair is delivered and instruction in its use is given by a qualified dealer in medical products.

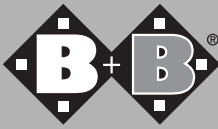
Tools:

Two spanners are included for adjustments:

- 1x open-end spanner 10 mm
- 1x open-end spanner 13 mm

If the wheelchair is delivered by rail or road transport it must be inspected for shipping damage in the presence of the delivery person. If any damage is found, please note the following:

- record the facts
- prepare a declaration of assignment; all claims resulting from the damage are assigned to the delivery company
- return the record of facts, waybill and declaration of assignment to Bischoff & Bischoff GmbH.



In the event of shipping damage...

1. Leave the goods and packaging undisturbed and do not use the goods.
2. Report the damage to the transport company in writing as instructed below.
3. Contact our customer service (tel. + 49 (0)700/6000 7070)
4. A representative of the transport company must be informed of any damage without delay in order to make a claim for compensation.

Externally obvious damage or losses must be confirmed in writing on waybill by the delivery person before accepting the package.

Concealed damage that is not obvious until the package is opened must be reported immediately in writing to the transport company.

All deadlines must be met:

- courier service and post within 24 hours
- rail delivery within 7 days
- road transport within 4 days of receipt of the package.

Bischoff & Bischoff GmbH will require the original waybills with confirmation of damage. Compensation from the insurer is not possible without these documents.

6. Overview of the wheelchair

The instructions for use of your B+B wheelchair include detailed illustrations to make it as easy as possible for you to familiarise yourself with its use and handling.

See the following illustrations for the names and interaction of the various modules (see Fig. 1a and 1b).



Please pay particular attention to the highlighted sections.

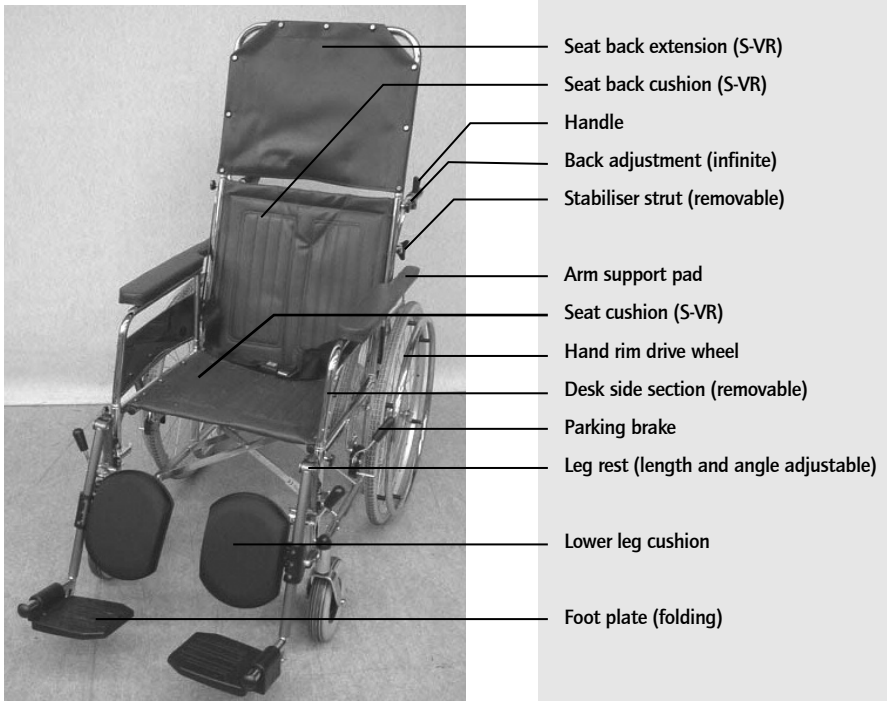
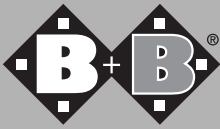


Fig. 1 Modell S-Care (ohne Polster)



The S-Care model, unlike the S-VR model, has fixed seat and back rest supports(folding) for separate cushions. All other components of the two models are identical.

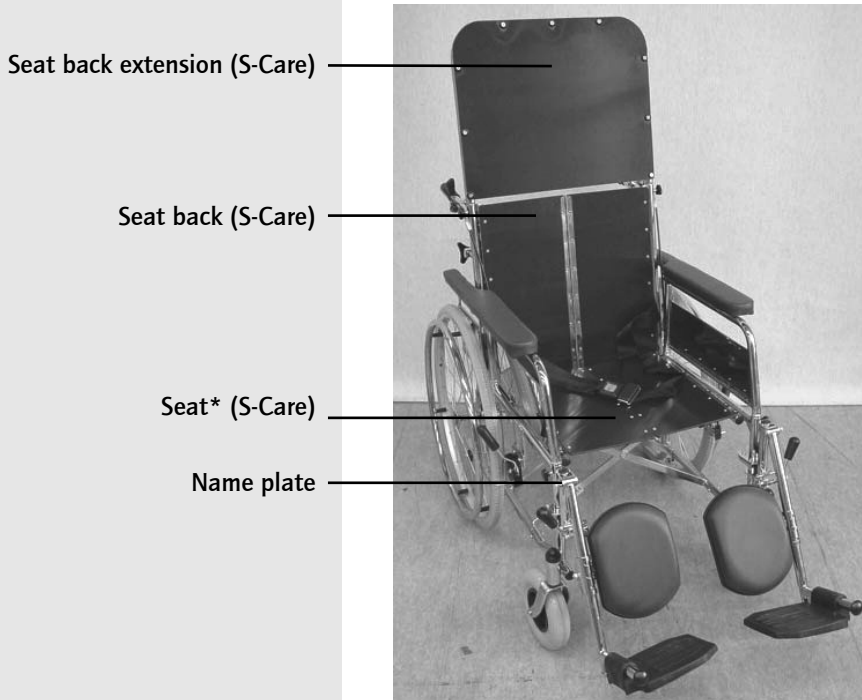


Fig. 1b: S-Care model (without cushion) Fig. 1a: S-VR model

7. Assembly and adjustments

Your B+B multifunctional wheelchair is delivered fully assembled in an original B+B carton.

Attached parts are supplied separately to prevent damage during transport.

7.1. Leg rests

Leg rest installing and removing leg rests

- The leg rests are inserted into sockets on the frame (A)
- They are then folded inwards with a light push. That's all.
- To remove the leg rest, pull lever (B) on the inside, fold the leg rest out and pull it out of the socket.

Leg rests with foot plate

The two leg rests are supplied with the foot plates. The foot plates on the two leg rests can be folded up in the seating position.

Height adjustment of lower leg rest

- Fold lower leg rest forward (A)
- Adjust to desired height by moving it up or down. Three positions are available (B)
- Then the lower leg rest is folded back into position

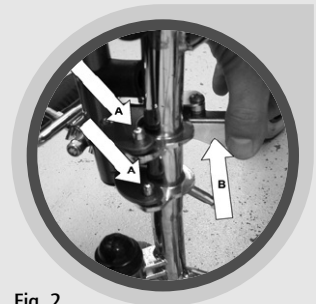


Fig. 2



Fig. 3a



Fig. 3b

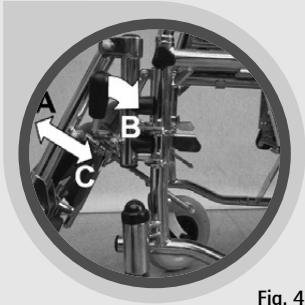
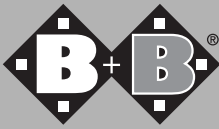


Fig. 4

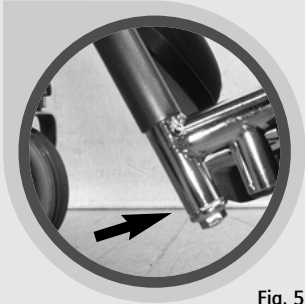


Fig. 5

Adjusting the angle of the leg rests

The leg rests can be independently adjusted up to 90°. Proceed as follows:

- lift the leg rest simply by pulling (A) it up to the desired position (see Fig. 4)
- the leg rest will lock automatically
- To move the leg rest to a lower position or its original position, release the locking lever (B) and move the leg rest back in direction (C)

Adjusting the length of the leg rest

The length of the leg rest can be infinitely adjusted by a telescopic tube.

- Unscrew the hexagon screw (13 mm) anticlockwise.
- Set the leg rest to the desired position.
- Tighten the screw clockwise.

7.2. Side sections

The side sections on the S-VR and S-Care are removable.

Removing side sections

- Turn the small star screw on the front of the wheelchair anticlockwise (A).
- Pull the side section upwards to remove it.

Installing side sections

- Insert the side section at the front and back into the frame socket (B).
- Screw the star screw clockwise to tighten it (A).

7.3. Seat back

The seat back angle can be infinitely adjusted from -4° forward to 30° or 82° back. The conversion from 30° to 82° or vice versa is not done at the factory, because the HMV no. is only approved for a 30° seat back angle..

Adjusting the angle of the seat back

- Set parking brakes
- Pull and hold Bowden cable lever (see Fig. 7)
- Adjust the seat back angle to the desired position (see Fig. 7)
- Release Bowden cable lever

Extending seat back and head rest

The S-VR / S-Care wheelchair comes standard with a long seat back extension that can be used as a head rest. It is inserted into the guide from above and fastened with the star screw.

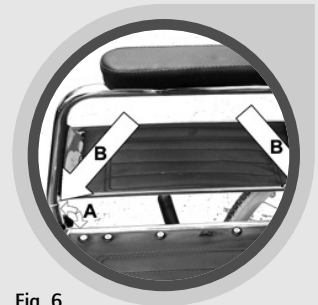
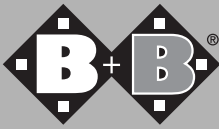


Fig. 6



Fig. 7



7.4. Wheels and tires

Drive wheels

Your „S-VR / S-Care“ has puncture-proof PU tyres. The tyres must be replaced by your authorised dealer when they are worn or faulty.

Swivel wheels

Your S-VR / S-Care comes with PU tyres as standard. The tyres must be replaced by your authorised dealer when they are worn or faulty.

7.5. Brake

Setting the parking brake (compact brake)

- To set the brake just press the brake lever forward until it locks (see Fig. 8).
- To release the parking brake, just pull the brake lever back

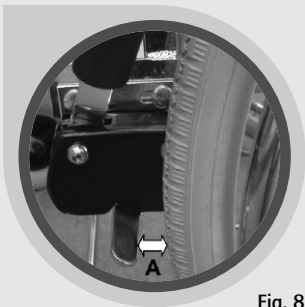


Fig. 8

Setting the parking brake (compact brake)

The compact brakes operate on only one drive wheel each. All adjustments must be made separately on both wheels. If you find that the braking is inadequate or uneven, proceed as follows:

- check the tyre tread depth. Check also that the friction is even. If the tread depth in the centre of the tyre tread is < 1 mm, the tyre must be replaced by the dealer.
- Check the adjustment of the brake. They must be adjusted so the distance between the surface of the wheel and the brake pad is 16 mm with the brake open.

When the adjustment is complete, tighten the screws again and test the operation of the brake.

Adjustments of the braking system should be made by the authorised dealer only.



Fig. 9

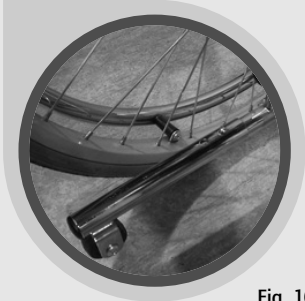


Fig. 10



Fig. 11

7.6. The anti-tilt mechanism



Always use the anti-tilt mechanism in pairs.

A tube with a small wheel is installed on each side to improve stability. It prevents the wheelchair from tipping backwards. The anti-tilt wheels can also be used to assist in tilting the wheelchair by an assistant.

Enabling and disabling anti-tilt wheels

- Press the locking button in the tube (Fig. 9)
- Rotate the tube to place the wheel downwards towards the ground (Fig. 10)
- If the anti-tilt wheels are not required and they are to be used to assist in tilting the wheelchair, proceed as described above but rotate the wheels upwards (Fig. 11)



The anti-tilt wheels must be rotated 180° when negotiating obstacles (e.g. kerbs).

When the wheels are up the anti-tilt mechanism does not function; an assistant is recommended.

8. Operation

8.1. Entering and leaving

It is easy to enter and leave the S-VR / S-Care. The foot rests can be folded up and the arm rests and leg rests can be removed.

Entering and leaving from the side:

- Move the wheelchair as close as possible to the seat on which you are sitting.
- Lock the wheelchair by setting the parking brake.
- Remove the side section and leg rest and then slide sideways onto the seat of the wheelchair .
- Make sure that you are sitting as far back in the seat as possible.
- Then replace the arm rest and leg rests

Entering and leaving from the front:

- Move the wheelchair as close as possible to the front of the seat.
- Lock the wheelchair by setting the parking brake.
- Fold the foot rests up.
- Now turn your body and slide onto the seat. Make sure that you are sitting as far back in the seat as possible.
- Now fold the foot rests down and place your feet on them.

8.2. Moving

The wheelchair is set in motion by gripping the hand rims on the drive wheels, unless it is being pushed by an assistant. Practise moving it carefully to start with until you are used to moving around with the wheelchair. Wheelchairs have only limited stability against tipping and slipping. Special care is required with braking, starting or turning on inclines or slopes.

Leaning out of the wheelchair too far will also increase the danger of tipping. For greater safety have all wheelchairs fitted with a safety belt (not standard equipment). Assistants pushing the wheelchair over obstacles can make it easier by setting the anti-tilt mechanism at right-angles to the obstacle by pressing it down with the foot.



The parking brake must be set before entering or leaving the wheelchair. Users should have some experience with the wheelchair before taking it outdoors. If possible, users should be accompanied by an assistant.

According to German road traffic regulations manually operated wheelchairs used in traffic (including on foot-paths) must have a permanently installed lighting system.

This consists of (passive):

- two red reflectors at the rear
- two yellow reflectors on both sides

If the wheelchair is used at night, the following are also required (active):

- one white light at the front
- one red light at the rear

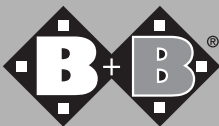
The lights must be powered by an independent source (batteries).

9. Accessoires

9.1. Safety belt

A safety belt is available as an optional extra if required. The safety belt is mounted on the frame of the wheelchair seat back with the side section temporarily removed. Wrap the open end of the belt once around the frame tube of the back section and fasten it with the seat belt buckle.

Thread it through on both sides of the seat back. The belt length is also adjusted with the belt buckle. Adjust the length of the belt so it is snug but not too tight.



10. Transport

To transport the wheelchair as easily possible all removable parts (leg rest, drive wheels, removable accessories) must be removed.

11. Storage and shipping

If the wheelchair is to be stored or shipped, all removable parts must be removed and packed separately in boxes. The separately packed parts can then be packed into one larger box. We recommend keeping the original packaging so it is available for this purpose if required. It provides optimum protection for your wheelchair from environmental influences during storage or transport.

12. Repairs

Repairs and maintenance must be done by authorised dealers only (medical suppliers or specialist dealers). To find a dealer in your area please contact our customer service department at + 49 (0)700/6000 7070.

13. Care, hygiene and maintenance instructions

Like all technical products devices for transporting handi-capped persons and movable walking aids should be inspected and serviced regularly by authorised technicians. The primary purpose of the checks is to ensure the safety of the user. In addition, regular care of the product will ensure that it remains in good operational condition even after extended use. The following section includes instructions

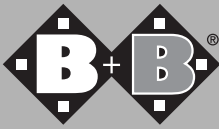
for care, a hygiene plan and a service schedule. We hope that this will give you a good overview of the most important care, hygiene and maintenance work required for your B+B product.

Clean the material of the seats and seat backs with warm water and a sponge and/or a soft brush. A standard detergent can also be used for stubborn dirt.

Note: never use aggressive cleaning agents such as solvents, scouring agent or hard brushes.

Plastic parts are best cleaned with a standard plastic cleaner. Please pay particular attention to the product information of the cleaning agent.

The high-quality surface coating provides optimum protection against corrosion. If the paint is damaged by scratches or otherwise, the area can be touched up with a paint brush. Chrome parts are first wiped dry. Dull sections and very adhesive dirt are best removed with the appropriate standard cleaning agents.

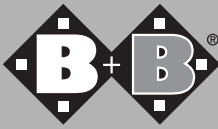


14. Disposal

A worn-out wheelchair is a valuable source of material that can be recycled. If your wheelchair is worn out, do not dispose of it in the household rubbish but dispose of through a government-approved disposal organisation. Your local government will be able give you appropriate information. This will benefit the environment.

15. Technical data

Overall length with foot rests	128 cm
Overall length without foot rests	93 cm
Seat width	36/40/44/48 cm
Overall width	68 cm
Overall height	92 / 128 cm o./ m. extension
Seat back height	43 / 85 cm m. / o. extension
Seat angle	4°
Seat back angle	-4° to +30° (or +82°)
Seat depth	42 cm
Seat height	48 cm
Arm rest height	24 cm
Length of foot rests	39 - 49 cm
Unloaded weight	S-VR: 26.8 kg S-Care: 28.0 kg
Max. user weight	120 kg



Hygiene plan and risk assessment of B&B medical products before processing

According to: Second Act of changes on Medical Device Directive (2.MPG-ÄndG) dated 13th December 2001 Here: Article 11 §4 paragraph 2, Change of Medical Device Operator Ordinance

29.04.2005

1. Product

Wheelchair S-VR & S-Care

2. Risk level

Uncritical Medical products

Medical product that comes in touch with intact skin

3. Hygiene frequency

At the latest after the user of the product has changed

4. Kind of procedure

Disinfection

Disinfection by wiping the wheelchair with usual disinfectants. (Meliseptol etc.)

5. Preliminary treatment of the product

Not necessary

6. Disinfection

1. Before preparation of the product put on protective gloves
2. Spray disinfectants on the places which have to be cleaned.
3. Wipe dry with paper tissues.
4. Throw away protective gloves and used tissues.

7. Special markings

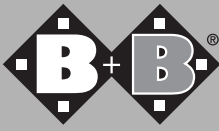
Not necessary

8. Sterilisation

Not necessary

9. Critical procedures, special requirement

* change of seat and back cover are recommended



Maintenance schedule

When

Every time before you use it

What

Checking the brake mechanism

Push the brake right down. Now the wheels must not turn any more at normal usage.

Wear test of the air brake

move the brake lever on the side

Check the air pressure of the tyres

Standard front tyres: 200-250 k Pa (2-2,5 bar)

Standard back tyres: 300-400 k Pa (3-4 bar)

Smooth running tyres 600-750 k Pa (6-7,5 bar)

Check the tread depth of the tyres

Every 4 weeks (depending on the frequency of use)

Oiling the movable components

- all turning points of the cross braces
- movable parts of the side parts
- brake lever bearing
- leg support bearing

Check whether the screws are tightened.

Pay attention to

The check can be carried out by the user or a helper.

Faulty brakes have to be overhauled and repaired by authorised speciality retailers.

The check can be carried out by the user or a helper. Use a air pressure testing equipment

Attention! If the air pressure is too low this affects the braking efficiency

Visual check by the user.

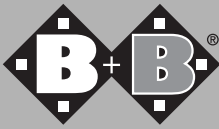
Worn out or faulty tyres have to be

Changed by an authorised speciality retailer.

Can be carried out by the user or a helper. Before you oil the components clean them from old oil remainders

Remove the surplus oil

Can be carried out by the user or a helper.



Maintenance schedule

When

Every 6 months (depending on the frequency of use)

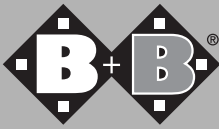
What

Inspection

- cleanliness
- general condition

Pay attention to

Pay attention to the care and hygiene instructions. If there are any malfunctions or defects then the wheelchair should be taken to an authorised specialty retailer, because only they have people with the required special technical knowledge and know what has to be done.



16. Guarantee

Guarantee items refer to all defects of the wheelchair which can demonstrably be referred to material defect or manufacturing defect.

If there are any complaints you have to provide a completed certificate of guarantee. For our folding wheelchair from the series "Pyro light" we offer a guarantee of 5 years for frame and shears. We offer a 2 year guarantee for all other components.

Attention!

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

If you have any questions our B+B customer service is ready to answer them. The phone number is
+ 49 (0)700/6000 7070

Certificate of guarantee

(Please note our general business terms and conditions)

Model:

Serial number *

(must be inscribed by the specialist dealer)

Dealer:

Date and seal

* Information sign can be found on the side frame

Bischoff & Bischoff GmbH

Becker-Goering-Strasse 13 • D-76307 Karlsbad

Tel.: +49 (0)700/6000 7070 • Fax: +49 (0)700/6000 8080

www.bischoff-bischoff.com

info@bischoff-bischoff.de

