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**REBOTEC**

**REBOTEC®** Rehabilitationsmittel GmbH  
PO Box Q541  
Queen Victoria Building  
NSW 1230

[rebotec.com.au](http://rebotec.com.au)  
[info@rebotec.com.au](mailto:info@rebotec.com.au)



## User Manual

# Shower and Commode Wheelchair

**Bremen**  
**Art. No.: 357.xx.10**  
**90 kg (198.42 lbs)**

**Serial Number**



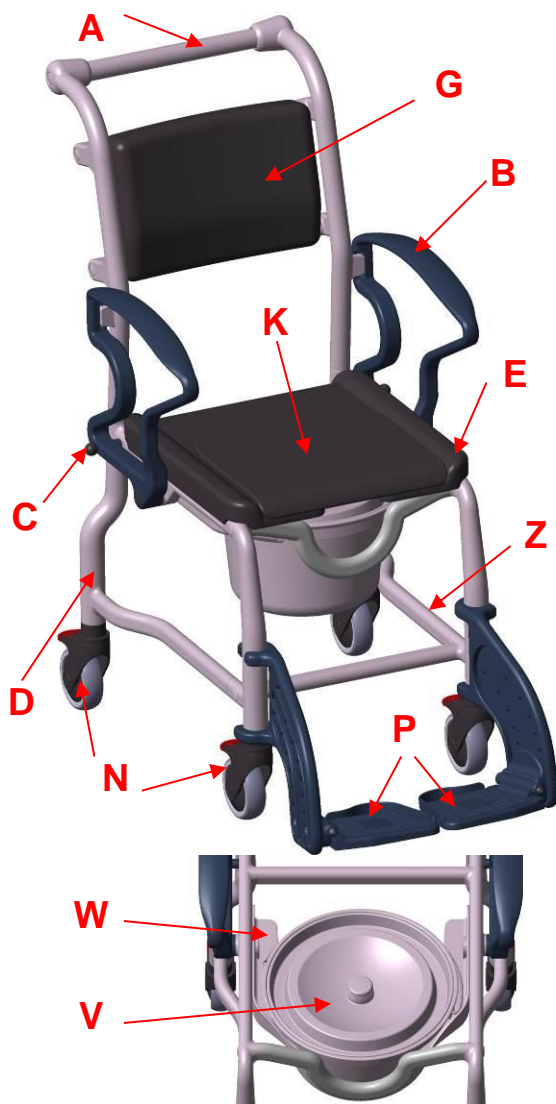
xx= colour code



### Important suggestions!

- Read this user manual **before first use** of the chair and keep it at hand for the user.
- Keep this user manual at hand for future use and resale.
- The user instructions and the maintenance manual are downloadable on our homepage.

## Product description



### Chair picture shows

A	Backrest
B	Armrest (swivelling)
C	Locking pins
D	Chair frame
E	PUR-seat with or without hygiene opening
G	PUR-back cushion (removable)
K	PUR-seat cushion (removable)
N	Wheel complete with brake
P	Footrest with foot-plate (adjustable)
V	Commode pan with lid
W	Bucket-carrier (left/right)
Z	Nameplate for product

## Packaging



We recommend you to keep the packaging for a later transport. This will allow a secure packaging for a return transport.

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## 1. General suggestions

### 1.1 Introduction

In this manual you will find information on safe and proper installation, use, operation, maintenance and care of the chair.

Read these operating instructions carefully before using the product. Note in particular the safety instructions and act accordingly.

### 1.2 Symbols



Read the User Manual!



Product conforms to the Medical Products Directive 93/42/EEC



Caution!  
suggestions



Information!



Danger – Follow safety instructions!



Care



Maintenance

Year of  
ManufactureSerial-Number  
Product

### 1.3 Intended proper use

- The shower/commode wheelchair is for homecare and institutional purposes.
- The chair is to be used exclusively for assistance during showering or bathing, using a toilet or for transfer of persons inside buildings.
- The shower/commode wheelchair is not designed for long periods of sitting.

### 1.4 Use and storage

#### Watch out! Risk of damage

- The operating temperature of the product should be between **+5° C (41° F) and 40° C (104° F)**. Store the product in a dry place at a temperature between **0° C (32° F) to +40° C (104° F)** and humidity of **30-55%**. Outside these conditions, the product could be used only shortly.
- Do not store the product near heat sources. Avoid direct sunlight on the product.
- The chair is not suitable for use in wet areas (e.g. for saunas, areas with swimming pool-like conditions), as surface discoloration and adverse effects on the mechanical strength can result.

### 1.5 Features

- The chair is made of a corrosion-resistant frame and four rubber-wheeled castors with locking brakes for the back castors. The armrests can be swivelled outwards. The footrests are height-adjustable and can be removed and folded away.
- The shower wheelchair may be used where the use of or access to a conventional shower or bathtub is no longer possible due to patient physical limitations.
- The shower must be designed so that the wheelchair can be rolled into it unhindered.
- The commode wheelchair may be used where the use of or access to a conventional toilet is no longer possible due to patient physical limitations. The seat surface has a toilet-like cut-out under which a toilet pan can be pushed in.
- Attributable to the construction and the packing of the product, it is not provided to demount the device for transport or storage.

## 2. Warranty

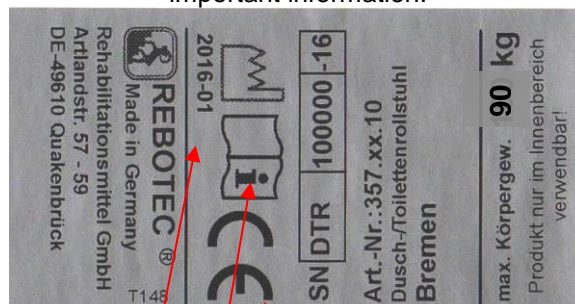
The product has a warranty of **2 years**, when noticing/respecting our general terms and conditions and the intended use of the product. Unauthorized changes made to the product, without the consent of the manufacturer will void the warranty.



The delivery date written on the REBOTEC-delivery note applies as the valid start date of the warranty period.

## 3. Nameplate / ordering of spare parts

On the nameplate you can find the following important information:



H C G A B E D F

A	Mark of conformity (CE)
B	Serial number-product
C	Production year
D	Max. body weight
E	Product name
F	Note (use)
G	Read User Manual
H	Manufacturer details

The nameplate is very important for product identification, and thus must not be removed.



To avoid faulty spare parts orders and to facilitate the handling of customer complaints, it is necessary to provide the product name, serial number (SN) and the product's year of manufacture.

## 4. Reuse, lifetime

The product is suitable for reuse. The number of reoperations depends on the frequency of use and manner of use of the product. Before reuse, the product needs to be hygienically prepared and if necessary the technical-functional safety of the product need to be renewed.

If the product is used as intended, according to the safety, the lifetime of the product is 5 years. The effective lifetime depends on the frequency and intensity of use, and the general condition.

## 5. Disposal

Products that can no longer be used are to be disposed of separately from regular household rubbish. This must be done according to the local and national regulations for environmental protection and raw material recycling. Please contact your local disposal company or officials for further information.



## 6. Safety instructions for use



**When using the chair, the following safety instructions must be observed:**

### **Danger of slipping!**

- Before using, check to be sure the seat is securely pressed into the seat frame.
- Always lock the swivel castors before using the chair. This is to prevent the chair from rolling away.
- When sitting down into the chair, the user must not sit on the front edge of the seat or seat cushion. Be sure the user sits all the way back on the seat.

### **Danger of tipping over!**

- The chair may be used only when the armrests are locked into position, when sitting and when rolling.
- The chair may be pushed only using the push bow (backrest).
- The footrests must be swivelled away or folded up whenever the patient sits down or gets up. The patient must never attempt to stand on the footrests!
- The chair must not bump into door sills, jambs or on uneven surfaces.
- Use the chair only indoors and on solid, even, non-slippery surfaces.
- The chair may be pushed only at a walking speed or less (with or without the patient).
- Do not lean out of the chair (when the chair is still or in motion). If the swivel castors are swivelled inwards, then the stability of the chair is decreased.

### **Danger of breakage!**

- The chair only is suitable for transporting persons. Be sure to observe the maximum allowable patient body weight (specified on the nameplate)!
- Never attempt to carry or lift the chair while a patient is sitting in it.
- Do not grab hold of or pull on attached objects, such as IV Pole, armrest cushions.

### **Danger of pinching!**

- To prevent body parts or objects from getting pinched, never reach into the hinge area when turning the armrests up or down. Be sure to check that the hinge areas are unobstructed before moving the armrests!
- To prevent body parts from getting pinched, do not reach between the seat and the frame when pressing the seat into the seat frame.
- Be sure other parts do not get jammed when folding and unfolding the footrests.
- There's a risk of pinching soft flesh when pulling out and pushing in the commode pan. To avoid injury, the commode pan may be pulled out or pushed in only when no one is sitting on the chair.

### **Danger of falling!**

- Sitting down, standing up and moving the patient should be supervised by a qualified attendant, as to the health condition of the patient.
- Use of the chair by patients who do not have complete physical control and normal movement must not be done unsupervised.
- Rolling the chair on any sloped surface may be done **only** with the assistance of a care worker.

### **Warning! Danger of Injury!**

- At surface temperatures over 40°C (104°F), there's a risk of injury. Therefore do not expose the chair to any source of heat (exposure to the sun, storing near a heater, cleaning with hot water) just before the chair is used. Before using the chair, allow it to cool down.

Before using the chair from patients with insensitive skin (persons who can't feel any increase of temperature and/or with skin damage) the caregiver has to make a thermal check (with the back of the hand).

Observe the instructions of use (see 1.4).

## 7. Product specifications

### **7.1 Scope of delivery**

The product has been carefully inspected in the factory for freedom of defects and for completeness. After having received it, carefully check over the product for possible transport damages and for completeness.

- 1 shower / commode wheelchair
- 1 backrest with back cushion
- 1 PUR seat with seat cushion
- 1 commode pan with lid
- 1 User Manual





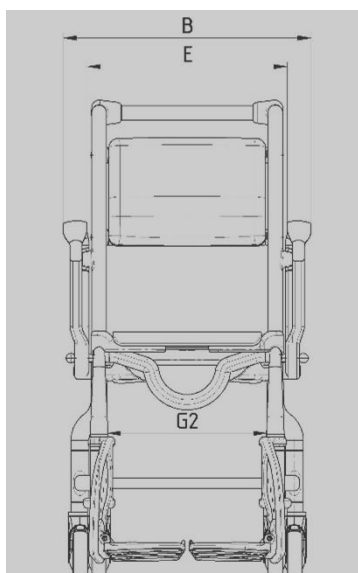
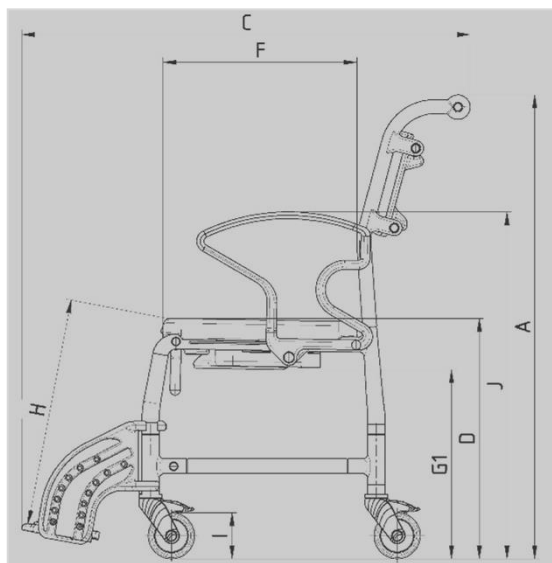
## 7.2. Technical specifications

We reserve the right to make technical developments and improvements with respect to the design shown in the User Manual.

**Production tolerance of dimensions: +/- 5 mm (0.2")**

Dimensions (ca.)		Bremen
A.	height	1005 mm (39.57")
B.	width	520 mm (20.47")
C.	depth	970 mm (38.19")
D.	seat height	520 mm (20.47")
E.	seat width	420 mm (16.54")
	Width betw. Armrests	420 mm (16.45")
F.	seat depth	445 mm (17.52")
G1.	clearance	410 mm (16.14")
G2.	clearance	330 mm (12.99")
H.	foot height	320 – 460 mm (12.60"-18.11")
I.	wheel 4x4" Ø	Ca. 100 mm (4")
J.	height-armrests	765 mm (30.12")
	turn radius max.	1000 mm (39.37")
	<b>Load max.</b>	<b>90kg (198.42lbs)</b>
	product weight**	16,5kg (36.38lbs)
<b>Biological evaluation</b>		<b>EN ISO 10993-1/-5</b>

\*\* Product weight without accessories



## 8. Spare parts, accessories

Art.-No.	Name
301.00	Commode pan with lid, grey
409.00.20	Bucket-carrier (left/right), grey
457.10.22	PUR-seat/ hygiene opening, black
457.10.24	PUR- seat cushion, black
457.10.20	PUR- Back cushion, black
02.07.142	User Manual Bremen
<b>Accessory</b>	
312.10.00	Safety-belt
02.11.150	Maintenance Instruction

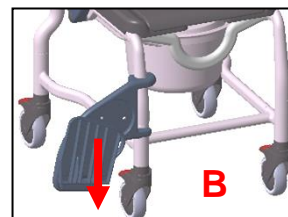
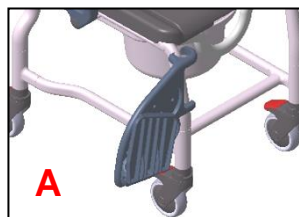
Picture shows: safety-belt



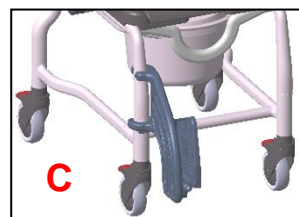
## 9. Setting up the chair for use

The product is delivered partially pre-assembled. The following assembly instructions must be carried out before first-time use:

1. Put the footrest with its aperture over the front of the frame (A).  
Now push down to the fence (B).



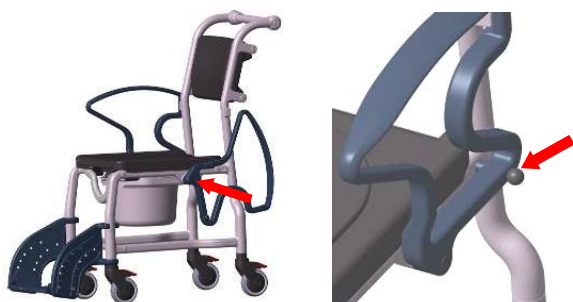
2. Turn the footrests forwards until they click into position (C). Then unfold the foot supports downwards (D). Finally adjust the height of the footrests (see: 10.4).



3. Swivel the armrests to the back, insert the backrest into the steel tubes of the chair frame and push it down until it hits the striker of the lower frame.



Then swivel the armrests forwards until they reach the slot of the backrest and click into the locking pins of the lower frame.



## 10. Using the chair

When using the chair, the following points must be adhered to.

Before use it must be assured that the chair is in a proper condition for safe use. If necessary, depending on the physical and strength limitations of the user (patient's ability to move and muscle strength), sitting down and getting up **should not be done without assistance from a care worker**. The chair may not be used for long patient transport times.

### 10.1 Sitting down

Before sitting down in the chair, be sure it is secured against slipping away (**see: 10.7**) and tipping over, that the armrests are locked into position, that the shower/commode seat is properly mounted, and that the footrests are folded away to the side or folded up.



The patient must stand as closely as possible near the chair. Then he has to sit down slowly on the whole seat during supporting himself with using both armrests. If this is not possible due to his physical limitations, then an attendant must assist him. If necessary a patient lifter may have to be used.



### 2 **Caution – danger of falling!**

To prevent the patient from falling out of the chair, be sure the patient is seated completely on the chair, and not just on the edge.

For transporting the patient, be sure he is leaned back against the seat back and be sure he uses the footrests.

### 10.2 Getting up

Before getting up, be sure the chair is stable and secured against slipping away (**see: 10.7**) and tipping over, that the armrests are locked in position,

and the footrests are folded away to the side or folded up.

The patient must then move his body forward until his feet are flat on the floor.



The patient must then place both hands on the armrests and slowly lift himself up.

The patient must not lean too far forwards, in order to avoid falling. The patient should have the care worker assist him when getting up.

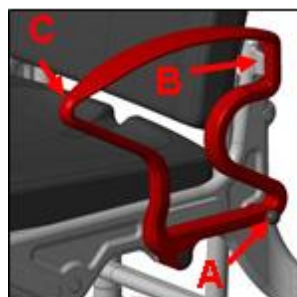


### 4 **Caution – danger of falling!**

The patient must not stand on the footrests when getting up or leaving the chair.

### 10.3 Swiveling away the armrests

By pulling out the latching pins (A) the locking effect is disengaged and the armrests may be swiveled back. Whenever swiveling the armrests back, check to be sure that they are fully and properly latched in the mounting mechanism of the backrest (B) and that the latching pins (A) are engaged. Swiveling the armrests is done with both hands. Keep the locking pins (A) pulled out during the entire swivel action, and move the armrest at point C with the other hand. While doing so, touch only the outside surfaces and do not grab into the armrest or through it.

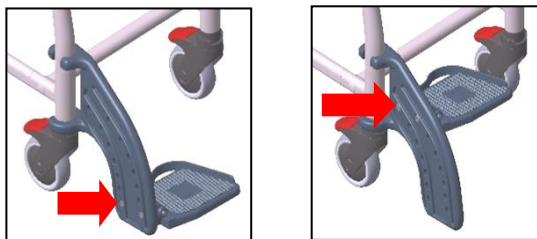


Check the latching mechanism on a regular basis because possible caking up of calcium deposits at the latching area can adversely effect its function and its ability to move properly.



#### 10.4 Adjusting the footrest height

The footrests are height-adjustable in stages. To do this, unscrew the screws of the footrests on the side using an SW6 Allen key. Select the appropriate height and tighten the screws of the footrest. Be sure the screw is securely tightened.



#### 10.5 Folding away the footrests

Swivel the footplates upwards and lift the footrests. The footrests can now be swivelled back to the side. Lift up the footrests approx. 100 mm (3.94") and turn them outwards 90°. Now you can lift the footrests up and remove them.

#### 10.6 Removing the seat

The seat can be removed from its receptacles for the purpose of cleaning or exchanging simply by pulling it up.

#### 10.7 Using the wheel locks



Press the lever of the castor brake downward with your foot (1). The wheel is now braked and the castor locked against swiveling.

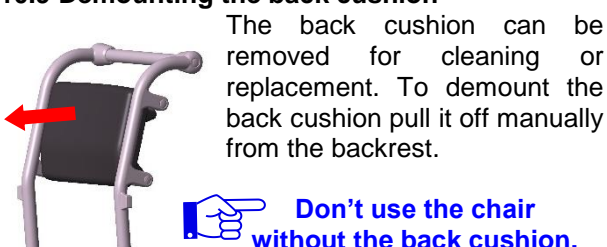
The wheel and castor are released by pressing the lever upwards with your foot (2).

#### 10.8 Handling the commode pan

Push the commode pan under the seat from behind the chair. To remove the pan, lift it up slightly and pull it out.

The commode pan can also be removed from above by lifting the seat and put back as well.

#### 10.9 Demounting the back cushion



The back cushion can be removed for cleaning or replacement. To demount the back cushion pull it off manually from the backrest.

### 11. Troubleshooting

Fault	Poss. cause	Correction
Armrests do not swivel properly	Locking pins are caked up with deposits	Clean, check periodically
Locking pins cannot be pulled out	Caked up, tension spring is jammed or defective	Clean, replace locking pin
Footrests do not swivel properly	Caked up joints, jamming	Clean, check screw connection
Castor locks do not lock	Generally defective	See Section Maintenance!
Wheel turns with difficulty	Deposits build-up	Clean
Wheel do not rotate	Generally defective	See Section Maintenance
Wheels no longer round	Wheels unevenly worn	See section on Maintenance
Chair frame too unstable	Screws are loose	Tighten frame and castor screws
Castors are bent	Bumped into objects	See Section Maintenance!

### 12. Care



In general the chair can be cleaned using a mild conventional cleaning and disinfecting agent. Simply wipe the chair with clean water and cloth, and then wipe dry with a clean cloth.

Do not use an abrasive scouring agent or cleaner (read the product instructions!) that contain aggressive solvents (acids, thinners).

Do not use stiff cleaning brushes, as these will damage the plastic surfaces or cause deposits to build up on the plastic parts and other materials.



*Keep the product clean and clean it in regular intervals. In the sensitive areas is hygiene very important.*

### 13. Maintenance, Repair

The cause of accidents or damage may be due to the late detection of wear and/or improper use, as well as irregular or no maintenance.



**For safety reasons and for preventing accidents, the chair must undergo a complete maintenance at least once a year. (Refer to the Medical Products Act.)**



## Maintenance

### Periodic safety-related controls are needed:

- Check for apparent damage:  
(Cracks, fractures, loose parts).
- All screwed connections for tightness  
(Especially the castor wheels and the frame).
- Function of the armrests and locking pins.
- Function of the footrests  
(Replace defective footrests).
- Rolling ability, check function of the wheels  
(Replace defective wheels).
- Check accessories for defects.



## Repair

- If you have questions concerning maintenance and repairs to the chair, then contact an authorized dealer or medical equipment supply outlet.
- When making repairs, use only original spare parts from REBOTEC. Observe all advisories concerning guarantee and warranty.
- Never make any unauthorised modifications or conversions to the chair. These will only adversely affect the safety and function of the chair.  
In such cases REBOTEC assumes no liability!
- Follow all the instructions when ordering spare parts, re-use and product lifetime of the chair.
- After a complete maintenance or repair of the chair is done, we recommend a complete cleaning for assuring hygiene. Follow the cleaning instructions.



*Here you will find information on maintenance and forms for documentation.*

*You can order the User Manual and the maintenance report or see via our website at [www.rebotec.com.au](http://www.rebotec.com.au) It is possible to print out the information and to read it as needed.*