

# User manual

Shower and toilet chair

**TS**



Dear Customer!

We would like to thank you for your trust extended to us and for purchasing our product.

The shower and toilet chair TS distinguishes itself by its quality, security, easy operation and modern design.

For optimal use of this aid, we ask you and possible other users to carefully read this operating manual.



**Please read through these instructions carefully before first use and handle equipment appropriately!**

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### 3 Safety instructions

The shower and toilet chair TS is CE-marked and fulfils the requirements of the latest directives. It was developed in line with most recent findings. Production is subject to an on-going quality control.

Please read this user manual carefully before operating the shower and toilet chair.

In case of loss, request a new copy or download directly from our download area on our homepage [www.ato-form.com](http://www.ato-form.com).

Please keep the user manual in a safe place, accessible to care and maintenance staff.

The user manual does not replace the experience of supervisory staff with the experience and knowledge of operators, which they gained from (for example) training courses.

In the event of specific or difficult applications, the user manual represents a guide to the most important handling.

Ensure all users of this aid understand its handling and the meaning of the symbols attached to the device.

Accidents can be prevented when technical instructions according to the EWG guidelines are followed.

Protective coverings, labels and warning notices may not be removed.


The maximum load-bearing capacity of the TS is depending on model:

TS-400 – 70 kg

TS-500 – 80 kg

TS-600 – 90 kg

TS-700 – 100 kg

 **Regular monitoring at your specialist dealer (at least once a year) lengthens the life time of the shower and toilet chair and gives you security.**  
Please also see section: maintenance and overhaul.

### 3 Safety instructions

- Before mounting or using the shower and toilet chair TS carefully read all instructions of this user manual, as these have been drawn up for your safety and as a guideline for the correct use and maintenance of this product. This operating manual is an indispensable component of the delivery and should be stored carefully for further use.
- The operating manual is intended for retailers and users of the shower and toilet chair TS, (or their carers). It contains the required information to secure the correct use of the product, it cannot, however replace the necessary experience of the user or assistant in handling the device.
- The reseller has the duty to deliver the device ready for operation and to explain precisely the functions and technical data of the device, as well as provide the necessary support and briefing needed for a correct and efficient use of the device.
- The given instructions of the operating manual, refers to the point in time of the device being placed on the market. The manufacturer reserves the right to introduce any modifications which prove necessary to the device and associated operating manual, without being bound to change previous devices and associated operating manuals.
- Use of the rehabilitation aid and its accessories, must be administered under medical supervision.
- The shower and toilet chair TS must only be operated under supervision of a qualified person, or respectively a family member of the user.
- Never leave the user of the aid unattended.
- The TS may only be operated by persons who have familiarized themselves with the standards and rules of the present operating manual.
- The helper must be aware of the clinical picture of the child, young adolescent or young people.
- The helper must wear correct clothing for his personal protection (e.g. gloves).
- Immediately after every use as a toilet chair, the removable bucket must be emptied and cleaned. The TS must also be cleaned.
- If the user is taking special medicine, the disposal requirements of the pharmaceutical manufacturer must be observed or the instructions of the prescribing doctor. In this case, use a sufficiently sized pan and toilet bucket, which you should please dispose of after use.
- The footrest must not be used for accessing. Before accessing, the footrest must be removed.
- The footrest is only suitable for placing the feet without load. The max. load of the footrest must not exceed 5 kg, otherwise there is a risk of tipping.
- The TS may only be used by persons of a suitable stature and physical aptitude.

- Never place a patient in an aid, which is not coordinated with his or hers body height and weight.
- Adjust settings only in the unloaded condition.
- Do not place any hot beverages or objects onto the aid you have purchased, as this would seriously damage the aid.
- Do not load any heavy objects onto the aid, as this would impair the structure, the centre of gravity and consequently impair the balance.
- Always ensure there are no obstacles in operating range of the rehab aid, such as carpets, stairs or objects on the floor, which could lead to the shower and toilet chair TS overturning.
- Move all objects out of the way, which could be hit or fall whilst operating the aid.
- Never use the aid on rough terrain, steeply sloping ground or stairs.
- Do not use the rehab aid before ensuring a complete and correct fitting of the safety belts, if available.
- Check all adjustable parts are locked, before every use of the aid.
- Apply the lever brakes for a secure stand when stopping.
- Always lock brakes before use, when setting, adjusting functions or accessories.
- Please note the individual and overall safety relevant information when using several rehabilitation aids simultaneously.
- All aspects of spatial influences (uneven, wet and smooth floors, steps or similar) must be taken into consideration by the carer or user.
- Do not use the TS before checking the wheels of the aid.
- Wet and dirtied wheels can decrease the braking effect.
- Check regularly if all screws and handles etc. are firmly tightened. Worn and defect parts are to be repaired or replaced immediately. This is especially important to ensure a safe use of the rehab aid! Carefully check the clamping jigs and the like are securely fixed.
- Do not use the aid, if parts of it are damaged or missing. Missing parts are only to be replaced with original spare parts.
- Do not carry out any interferences or measurements if you are unsure of their effects; for your own safety contact the nearest service centre or contact the dealer directly.
- In case of accidents or malfunctions, contact the dealer or manufacturer from whom you purchased the device.
- The manufacturer is not liable for damage to persons, objects or animals resulting from false usage of the equipment by the user or third parties, through incorrect mounting of parts and accessories, by neglect or poor maintenance, neglect, through unauthorized alterations and modifications, usage of non-original spare parts or accessories, through unpredictable and exceptional events resulting from non-compliance of the regulations in the presented operating manual.

- Clean the shower and toilet chair TS in accordance with the instructions given in the chapter „cleaning“.
- Please ensure before use the product is cleaned according to the cleaning instructions and if indicated also disinfected.
- Any serious incidents occurring in connection with the product must be reported to the manufacturer (ATO FORM GmbH) and the competent authority of the country in which the user is resident.
- The TS was designed for the normal room temperature. Any use at minus degrees is not intended, nor is any use above the temperature of 40° C.

**We constantly develop new aids and improve existing products. We are happy to receive your suggestions of every description.**



## 4 Warranty and product liability

ATO FORM grants the required by law warranty of your country against defects in workmanship and materials.

The warranty would be adversely affected if the customer's responsibility of servicing and/or daily maintenance is not carried out according to the guidelines and intervals prescribed by the supplier and/ or stated in the manual.

For further information, we refer to the ATO FORM homepage/download [www.ato-form.com](http://www.ato-form.com).

The warranty can only be sustained if the ATO FORM product is in use in the same country where it was purchased and if the product can be identified by the serial number. The warranty does not cover accidental damage, including damage caused by misuse or neglect.

The manufacturer's obligations transfer then to the person carrying out the modifications.

The warranty does not extend to non-durable parts, which are subject to normal wear and tear and need periodic replacement.

The warranty is null and void if non-original ATO FORM parts/accessories are used, or if the product is repaired or altered by anyone other than an authorized ATO FORM representative or by trained personnel officially recognized by ATO FORM for repair and maintenance of ATO FORM products.

ATO FORM reserves the right to inspect the product being claimed for and the relevant documentation before agreeing to the warranty claim and to decide upon whether to replace or repair the defective product. It is the customer's responsibility to return the item being claimed for under warranty to the address of purchase.

The warranty is given by ATO FORM or, subsequently, an ATO FORM dealer.

## 5 CE sign and position

The CE label with details of the manufacturer, article number, serial number and production date is located on the chassis.



## 6 Indications and prophylaxis

Physically and/or mentally handicapped children or small children who, due to impaired sitting postural control, cannot use either conventional children's toilet seats or toilet bowls.

### **Contraindications**

As a contra-indication, it should be mentioned that the TS cannot be used in cases of complete immobility.

Other contra-indications are not known.



The list of contraindications does not grant guarantee completeness. The patient's general condition is an important part of the risk assessment. In individual cases, the decision must be made by the attending physician, who must weigh the risks versus the expected benefits.

## 7 Purpose of use

The TS is a shower and toilet chair for physically disabled child, young adolescent or young people. The TS can be used in the domestic area as well as in care homes or similar institutions. The TS does not replace a seat shell. It is to be used for the purposes of personal hygiene only (toilet use and showers). The TS has a removable toilet bucket. The TS can be driven over a toilet after removing the toilet bucket.

- The child, young adolescent or young people must sit in the pan when being used.
- Corresponding accessories (e.g. retention vest, H belt) should be used to prevent any falling out.
- The TS has a height adjustment. If the height is adjusted, all four wheels must be set to the same height. The height adjustment is stepless on one side. This is designed for the smooth alignment of the TS to prevent any tilting. As soon as the TS no longer stands without wobbling, the correction must be made.
- The TS is not suitable to transport people.

The TS may only be used for the applications stated above. The manufacturer will not accept any liability for any other applications and damage of any kind arising in connection with them. The notes listed in the instructions for use must be observed, as the product liability and warranty will otherwise become void.

The device must be prescribed by a medical specialist, who has tested beforehand and determined if the TS is suitable for the individual therapeutic goal of the patient. Furthermore, the medical specialist has determined the aid to be suitable according to measurements, weight and willingness of the patient to use the aid.

The aid is delivered via an authorised technician in compliance with the requirements of the country where it is being used and in strict accordance with the information and instructions in this manual for adjustments of the aid according to the measurements of the user. Only compliance of the regulations and instructions can lead to positive ergonomically effects.

We wish you every success when using the shower and toilet chair TS.

## 8 Product overview

### 8.1 Basic model

1. Seat shell
2. toilet bucket
3. Frame
4. Swivel wheels, lockable

### 8.2 Accessories / options

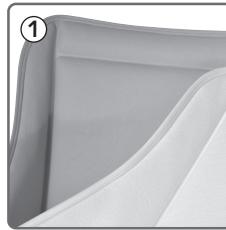
5. Parallelogram footrest
6. Headrest



1. Padded upholstery  
two colours for select
2. Head rest lateral and  
head rest standard
3. Support table, ankle adjustable
4. Parallelogram footrest
5. Fixation west
6. H-Belt
7. Chest and pelvic belt

Not shown:

- Push handle
- Foot straps



For a complete overview of our extensive range of accessories for the TS see item 11.2 Types and accessories on page 19.

## 9 Initial operation

The reseller is to unpack the unit, ensure that the components and accessories listed in the scope of delivery are all present and undamaged, and give the buyer the initial instructions on use of the aid. Above all the reseller should read through the complete present user manual carefully, in order to then explain it to the customer in detail.

This way, with help of the reseller, the user as well as the attendant must become familiar with the correct operation of the aid.

Once the demonstration has been completed, the reseller must ensure the user and/or the assistant have fully understood the basic functions of the equipment. This is the only way to prevent the user from dangerous situations.

The above mentioned requirements must be observed for first use and also for reuse.

The seller must give instruction for use, as well as explain the basic functions of the device according to MPG (medical products law) to qualified staff.

## 10 Assembly and adjustment

### 10.1 Basic model

#### **Preparation:**

Unpack the product and remove the packing materials.

The device is completely assembled.

Ensure that the product is complete and undamaged.

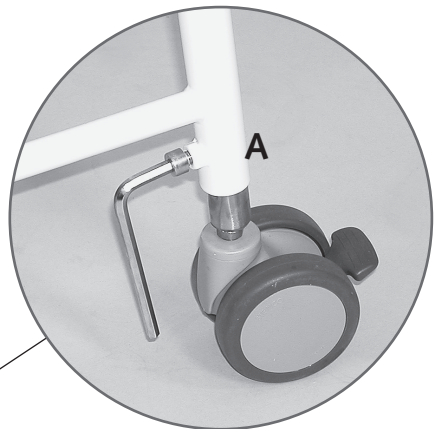
#### **Adjusting the seat height**

The height adjustment of the toilet seat shell is carried out on the legs. Three legs have a hole grid, the fourth leg can be adjusted steplessly so that a perfect stand can be achieved.

Loosen the A screw, pull the leg to the correct length and tighten it in the suitable grid.

Loosen the fourth leg and let it down on the ground. Then screw it tight again.

The maximum extraction length is reached when the cross line below the last whole can be seen.



**Please ensure that all four legs are set to the same length!**

### ***Adjusting the seat tilt***

The seat shell can be tilted steplessly from +15° to -30°.

To adjust the tilt, loosen lever A, set the tilt desired and tighten the lever again.

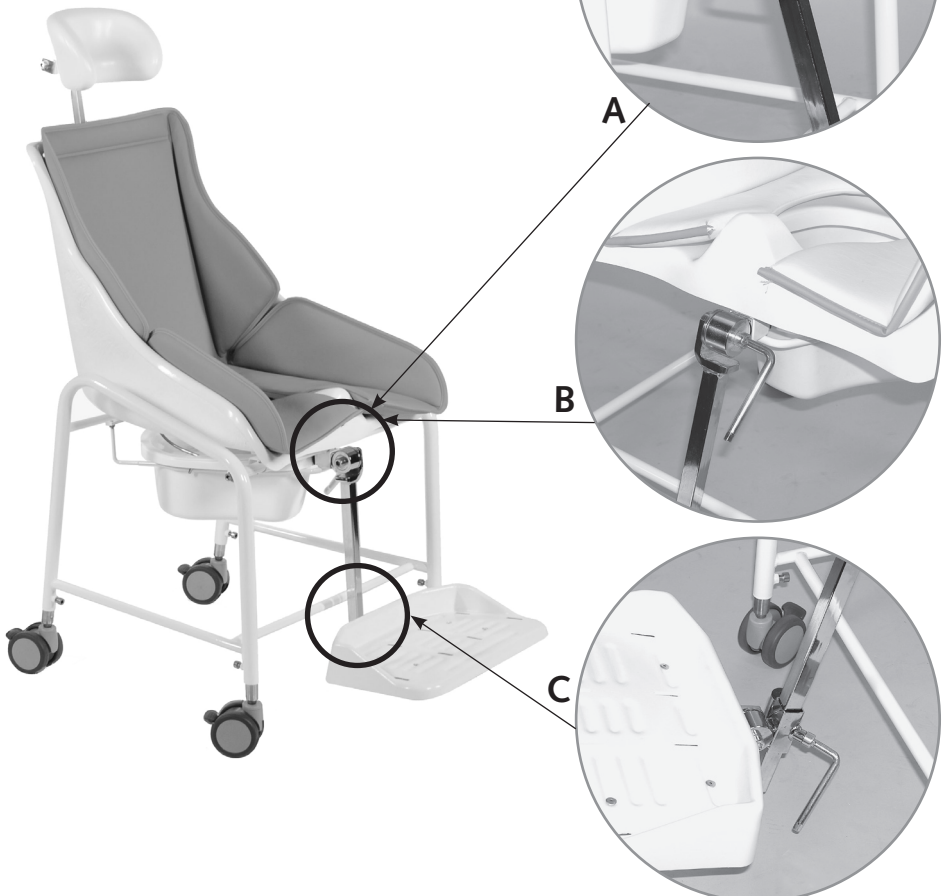




## 10.2 Accessories / options

### ***Adjusting the footrest***

The height of the footrest can be set with the C screw. With the A screw, the depth of the footrest is adjusted. You can adjust the knee angles with the B screw.



### ***Fitting the support table***

The table is fitted as follows: first, fit the holder A on the base frame. Then mount the spacer with the tilt adjustment B. Finally, push the table into the insert of the spacer.

Please ensure the maximum extraction length MAX.



### ***Fitting belts and vests***

Slots are included in the seat shell. Belts and vests can be fitted through these slots.

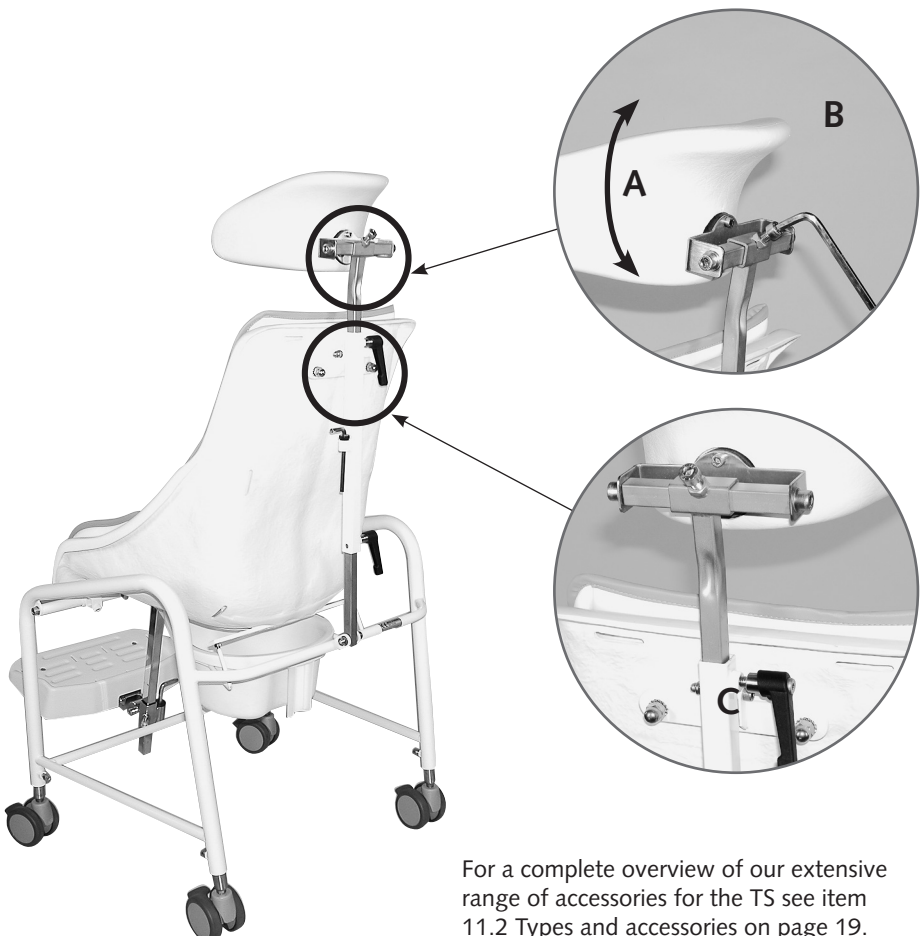
### **Adjusting the head rest**

Screws A, B and C must be loosened to enable a correct adjustment of the head rest.

After reaching the correct position, the screws must be tightened again. Lateral or central adjustment of the head rest cushion via screw A.

Angle adjustment via screw B. Height adjustment of the head rest with the screw.

Please ensure the maximum extraction length MAX.



For a complete overview of our extensive range of accessories for the TS see item 11.2 Types and accessories on page 19.

## 11 Types and accessories

### 11.1 Basic model


Item No.	Size	Description
TS-400	4	shower and toilet chair TS-400
TS-500	5	shower and toilet chair TS-500
TS-600	6	shower and toilet chair TS-600
TS-700	7	shower and toilet chair TS-700

### 11.2 Accessories / options

Item No.	Description
TS-131	<b>Headrest</b>
TS-132	<b>Lateral headrest</b>
TS-111	<b>Parallelogram footrest</b> small*
TS-112	<b>Parallelogram footrest</b> medium*
TS-113	<b>Parallelogram footrest</b> large*
TS-110	<b>Standard holding bar</b> for footrest
UZ-030-1503	<b>Foot straps</b> (pair)
TS-150	<b>Table</b> (for TS-400, angle-adjustable)
TS-151	<b>Table</b> (for TS-500, angle-adjustable)
TS-152	<b>Table</b> (for TS-600, angle-adjustable)
TS-153	<b>Table</b> (for TS-700, angle-adjustable)
UZ-031-1510	<b>H-belt</b> (with belt buckle)
C 4048	<b>Chest- and pelvic belt</b> (with plastic fastener) for all sizes
TSZ-015-8533	<b>Push handle</b> (use without headrest) for all sizes
UZ-052-9510-t	<b>Push handle</b> (use with headrest)

\* Only applicable in conjunction with Standard holding bar.

<b>Item No.</b>	<b>Description</b>
UZ-035-1-1	<b>Fixation vest</b> size 1 colour grey
UZ-035-1-2	<b>Fixation vest</b> size 1 colour blue
UZ-035-2-1	<b>Fixation vest</b> size 2 colour grey
UZ-035-2-2	<b>Fixation vest</b> size 2 colour blue
UZ-035-3-1	<b>Fixation vest</b> size 3 colour grey
UZ-035-3-2	<b>Fixation vest</b> size 3 colour blue
UZ-035-4-1	<b>Fixation vest</b> size 4 colour grey
UZ-035-4-2	<b>Fixation vest</b> size 4 colour blue
TS-124	<b>Padded upholstery</b> for TS-400 white
TS-125	<b>Padded upholstery</b> for TS-500 white
TS-126	<b>Padded upholstery</b> for TS-600 white
TS-127	<b>Padded upholstery</b> for TS-700 white
TS-124-4	<b>Padded upholstery</b> for TS-400 mint
TS-125-4	<b>Padded upholstery</b> for TS-500 mint
TS-126-4	<b>Padded upholstery</b> for TS-600 mint
TS-127-4	<b>Padded upholstery</b> for TS-700 mint

 **The most up-to-date overview of our extensive range of accessories for TS and their description as well as much more useful information can be found on our homepage [www.ato-form.com](http://www.ato-form.com).**

For special problems, or if it seems the accessories you require are not demonstrated nor described, please contact us.

We may already have the right solution for you.

## 12 Technical details

Article number		TS-400	TS-500	TS-600	TS-700
Overall width	cm	53	56	56	64
Seat width in front	cm	35	35	40	44
Seat width in back	cm	26	28	30	38
Seat depth	cm	32	37	45	45
Length of backrest without headrest	cm	48	48	48	48
Backrest width above	cm	28	27	32	40
Backrest width below	cm	26	24	30	38
Seat height min.	cm	49	49	50	50
Seat height max.	cm	65	65	66	66
Adjustable seat tilt to		15° to -30°	15° to -30°	15° to -30°	15° to -30°
Weight	kg	10,5	11,1	11,8	12,0
Max. capacity	kg	70	80	90	100

**Technical changes reserved!**

### **Construction**

The toilet chair consists of:

a stainless steel base frame, fibreglass seat shell, table and footrest, a high frequency welded, non-woven padding insert made from comfortable and easy-to-clean synthetic leather, polypropylene straps, 4 polyamide double safety castor wheels each with total lock brake, plastic toilet bucket.

## 13 Cleaning and disinfection

Leftovers, dirt and dust are always to be removed. Moving parts work easier, if you apply one drop of oil after cleaning.

### **Cleaning the metal parts:**

The painted and chromed parts of the shower and toilet chair should only be cleaned using a soft cloth and mild and alcohol based customary cleaning agents.

### **Cleaning the plastic parts:**

The plastic parts should only be cleaned using a soft cloth and mild and alcohol based customary cleaning agents.

### **Cleaning the rollers/wheels:**

Keep the rollers clean at all times; regularly remove dust, hairs and other accumulating dirt from rollers.

### **Cleaning of textiles and imitation leather:**

These are best cleaned using water and a mild detergent.

When using the cleaning agents the instructions of the manufacturer must be observed.

### **Disinfection:**

For disinfecting, use household disinfectants and consider the following indications:

The assistant must wear suitable protective clothing (for example gloves) in order to avoid infections.

When using disinfecting agents always follow the instructions of the manufacturer.

### **Warning**

**Do not use strong solvents, which could damage the surface of the device.**

**The use of a high-pressure cleaner will void the warranty.**

**Ensure that the upholstery and wooden surfaces are kept clean. Urine and sweat can damage the product.**

## 14 Maintenance and overhaul

For the protection of the warranty and safety, it is especially important that the shower and toilet chair is serviced regularly once a year from the date of purchase.

It is recommended to make service arrangements. The manufacture will gladly provide the maintenance check list to your specialist dealer on request.

Please contact your specialist dealer to carry out corrective maintenance works for your TS.

The device should be checked by the manufacturer at the latest after 3 years.

### ***Maintenance Checklist***

#### **Castors**

- No damage or wear
- Firm seat

#### **Brakes**

- Free from grease and dirt
- Full brake function
- No signs of damage or wear

#### **Frame**

- Metal parts; no signs of damage or wear, especially for adjustable parts
- Welding seams are intact
- Fasteners, bolts, nuts and springs are secure
- Replacement of parts if there is any sign of wear
- No signs of wear or damage of the safety components

#### **Upolstered padding**

- No signs of wear



Date	Service performed	Name	Sign

## 15 Operating life and Re-use

The TS is made from high quality materials and is subject to a continuous quality control in our house. Because of this and the solid construction, the expected operating life of our product is up to 5 years, depending on the usage intensity and number of re-uses, under normal and compliance with its intended use (according to the instructions given in our user manual).

The expected operating life does not apply to wear parts.

The product TS was designed so it could

be reused after the application of various measures.

Following measures should be followed:

- Thorough cleaning and disinfecting using appropriate cleaning agents.
- Replacement of wear parts
- Maintenance, following the maintenance schedule of the manufacturer or authorized specialist dealer.
- Preparing accompanying documents and release for re-use.

## 16 Faults, repairs, spare parts

Only original accessories and original spare parts may be used. Non-compliance with these instructions and repairs carried out or modifications made to the TS or its parts by unauthorized persons, voids any warranties.

In these cases, any product liability granted by the manufacturer (ATO FORM GmbH, Zur Lauterhecke 34, 63877 Sailauf, Germany) is voided in advance.

For all questions about spare parts and accessories contact your specialist dealer or the ATO FORM-Service 0049 6093-944-0.



**Spare parts and accessories must not be removed or replaced while the patient is using the shower and toilet chair!**





## 17 Storage

Keep this operating manual in a safe place, where you or care and maintenance staff have access to it.

The current version of these instructions for use can be found on our homepage in the download area.



You can find more information about the product on our homepage at [www.ato-form.com](http://www.ato-form.com) or under this QR code.





In environmental protection matters:

All packaging parts are re-useable. The cardboard packaging is to be recycled as waste paper. We therefore use paper as filler material. Possible used plastic film of the packaging are made out of PE and are therefore low in pollutant and can either be recycled or burnt.

Complete Range:

- Head and body protection
- Walking aids
- Gait trainer
- Standing aids
- Seating aids
- Hoists
- Customized solutions

Thank you for your interest in our products.  
For questions please contact ATO FORM GmbH  
or your specialist dealer.

Your ATO FORM Team



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Your specialist dealer