



**GB**

# **OPERATING MANUAL**

## TOILET WHEELCHAIR, MODEL 5HCDA

**MEYRA<sup>®</sup>**  
**ORTOPEDIA**  
We move people.

# Contents

<b>Foreword</b> .....	<b>3</b>
<b>Handling the toilet wheelchair</b> .....	<b>3</b>
Use .....	3
Safety information .....	4
<b>Overview</b> .....	<b>6</b>
Model 5 HCDA .....	6
<b>First assembly</b> .....	<b>7</b>
<b>Components</b> .....	<b>10</b>
Foot pedal brake .....	10
Central braking system .....	11
Armrests .....	12
Legrests .....	13
Toilet pot .....	16
Seat plate .....	17
<b>Maintenance</b> .....	<b>18</b>
Cleaning and Care .....	18
Maintenance .....	19
Tools .....	19
Repair .....	19
Customer service .....	19
Spare parts .....	19
<b>Technical specifications</b> .....	<b>20</b>
HCDA .....	20
HCDA XXL .....	20
<b>Guarantee</b> .....	<b>21</b>
<b>Notes</b> .....	<b>23</b>

## FOREWORD

We thank you for the confidence that you have shown in our house by selecting the toilet wheelchair model 5 HCDA.

The toilet wheelchair requires explanation, a little care and is hazardous when used improperly. The correct handling must therefore be learned.

The purpose of this operating manual is to make you familiar with the handling of the toilet wheelchair and to prevent accidents.

### **Note:**

Please note that the illustrated equipment variants can deviate from your model.

## HANDLING THE TOILET WHEELCHAIR



### Use

The toilet wheelchair model 5 HCDA is designed for short-term use on hard, level surfaces and is operated in domestic or stationary areas.

A plastic toilet pot with odour control and lid is part of the standard equipment.

To cover the seat plate as well as for use as a sitting option, the upholstered seat cover has been included.

### **Attention:**

-  The toilet wheelchair model 5
-  HCDA serves solely for use/transfer of a person weighing a max. of 120 kg (HCDA XXL = 160 kg) on the seat in order to use the toilet, and not in the shower or as transport possibility of items, ladder or similar.

## Safety information

- Read and observe the contents of this Operating Manual before the first use of the toilet wheelchair.
- All components must be checked for damage and tightness before the use.
- The toilet wheelchair is only to be used with the aid of an accompanying person or assistant and
- only permitted for transporting a person as well
- as for short trips. – Health can suffer from long-term use since no spring elements exist.
- For your own safety sit back as far as possible in the seat. – Danger of overturning!
- Avoid bending forwards and extreme leaning of the upper body to the front, side or rear, especially when picking up or laying down objects. – Danger of overturning of the toilet wheelchair.
- Use both armrests for support when leaving the wheelchair. Call a helper if not possible.
- Absolutely avoid a one-sided support on the left or right arm support when standing up.
- There is a danger of overturning of the toilet wheelchair if the wheel positions are unfavourable.
- The leg support is to be swivelled upward before transferring from/ into the toilet wheelchair.
- Do not relieve your legs by resting them on the edge of the bath tub or other objects. – Risk of overturning when leaning backwards.
- Do not utilise removable or swivelling parts for lifting the toilet wheelchair.
- Do not lift or carry the toilet wheelchair with a person seated inside.
- The operation is only permitted on a level surface, but not for
  - driving on uneven or rough surfaces. – Greater rolling resistance; Danger of tipping!
  - driving on gradients. – Danger of accidents!
  - crossing obstacles (e.g. steps, ledges). – Danger of accidents!
- Moisture and dampness mean danger of slipping.
- The toilet wheelchair is to be protected against unauthorised use, (especially by children), e.g. pedal down the brake.
- Always secure the toilet wheelchair against rolling away.
- Do not brake the toilet wheelchair with the feet when the footplates are up folded. – Risk of injury by spraining the ankles!

- Uncontrolled rolling movements when scuttling are to be prevented! – Danger of accident!
- Do not throw or drop the parts belonging to the toilet wheelchair!  
– Removable parts such as the leg supports are to be treated properly  
To guarantee their function.
- Before operation the leg supports are to be checked for correct interlocking.
- Maintain a sufficient safety distance between the wheelchair and drops, steps and obstacles. This distance must allow enough time to react and enough distance to brake/turn.

# OVERVIEW

The overview shows the most important components and operating elements of the toilet wheelchair.

The components shown in the following illustrations may not be identical to those on your toilet wheelchair. Location and handling of the operating components are corresponding to your toilet wheelchair. Each time the wheelchair is assembled, or each time a setting is made, checks should be carried out to ensure that the component in question is fitted correctly and functioning properly.

## Model 5 HCDA

The model shown is representative for all toilet wheelchairs.



- |                              |                               |
|------------------------------|-------------------------------|
| 1 Push handle                | 8 Footplate                   |
| 2 Back support               | 9 Calf strap                  |
| 3 Upholstered seat cover     | 10 Leg support locking device |
| 4 Arm support locking device | 11 Seat plate                 |
| 5 Plastic toilet pot         | 12 Arm support                |
| 6 Brake pedal                |                               |
| 7 Front castor               |                               |

## FIRST ASSEMBLY

The toilet chair is supplied in pre-mounted assembly groups..

The assembly does not require special knowledge. If the toilet wheelchair is not assembled by the authorised dealer, proceed as follows:

### Availability

Take all components out of the carton and lie down safely (2).

#### Attention:

- ! Select an obstacle free area for assembly (3).



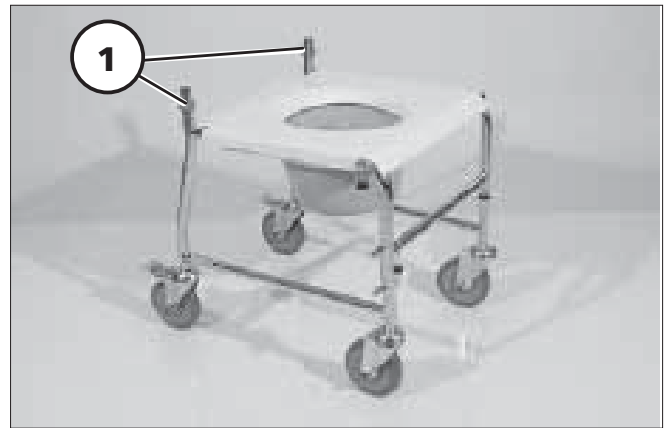
## Mounting the back

Remove clips (1).

Push the back tubes of the back onto the frame tubes and secure with the clips.

 **Note:**

The pins of the clips have to prominently come out (2).



## Swivel up the arm supports

Swivel down the arm supports and swivel upward until the locking button visibly and audibly locks into place (1).

### **Note:**

Test the engaged locking device by pressing down on the arm support.


## Placing the seat cover

Place the cover onto the seat plate (2).

## Attaching the leg supports

Place the leg support, swivelled off sideways, from the top onto the receptacle pins (3) and swivel forward until it audibly locks into place.

### **Attention:**

-  After swivelling in the leg supports
- check the secure hold of the locking device.

Slide the calf strap onto the designated pins (4).

The toilet wheelchair is assembled and ready for operation.



# COMPONENTS

## Foot pedal brake

The foot-pedal-brakes on the rear steering castors prevent unintentional movement.

### Locking

- Pedal the rear part of the pedals down as far as it will go with your foot (1).

### Unlocking

- Pedal the front part of the pedals forward as far as it will go with your foot (2).

#### **Attention:**

- ! When locking only one castor the free castor will run around the locked castor. – Danger of accidents!

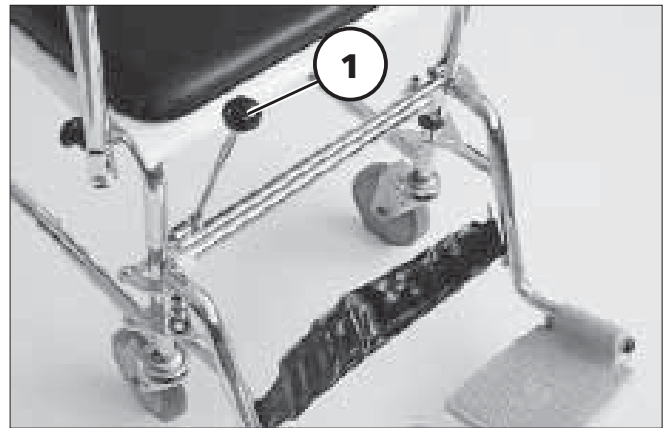


## Central braking system

The central locking device locks the front steering castors and thus prevents unintentional movement.

### Locking

- Pull the locking lever (1) up and forward as far as it will go (2).

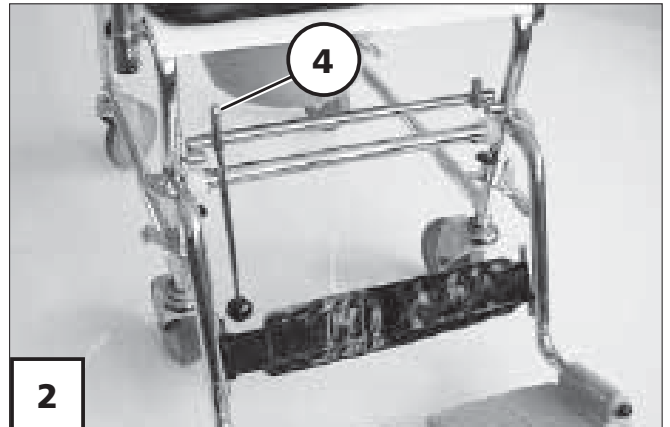


### Unlocking

- Pull the locking lever as far as it will go upward (1), then slowly let it slide down (3).

### Changing the operating side

1. Pull the locking lever up (1) and forward as far as it will go (2).
2. Remove the nut (4) and pull the locking lever down out of the guiding tube.
3. Push the locking lever from the bottom through the left/right guiding tube and screw the nut back on (2).



## Arm supports

For transferring onto a different seating option the arm supports can be swivelled down (1).

### Attention:

- ! When swivelling down the arm supports watch for the free space behind the back support.
- Only swivel the arm supports up or down holding the outer edge of the arm pad.
- Do not move the toilet wheelchair without the arm supports being locked into place.
- Do not lift the toilet wheelchair utilising the arm supports.

### Swivelling down the arm support

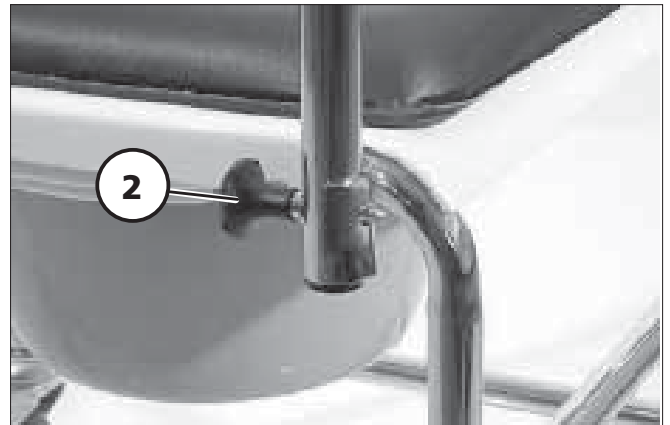
For swivelling down the arm support the locking button (2) has to be pulled.

### Swivelling up the arm support

Swivel the arm support upward until the locking button visibly and audibly locks into place (3).

### Note:

Test the engaged locking device by pressing down on the arm support.



## Leg supports

### Attention:

- ! Do not use the leg supports to lift
- or carry the toilet wheelchair.

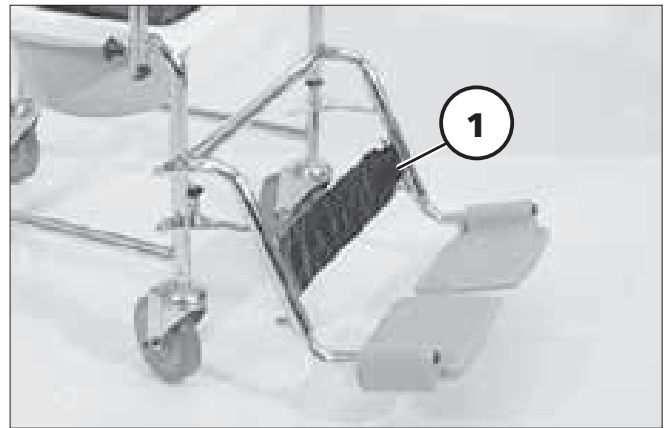
### Calf strap

The calf strap (1) is pushed onto the receptacle pin of the respective leg support. The velcro strap at the back of the calf strap length is adjustable to the requirements.

### Folding up the footplates

Engaging the brakes prevents unintentional rolling movements of the toilet wheelchair. Remove the calf strap and take both feet off of the footplates.

The footplates need to be folded upward outward (2) for free foot space, for example for scuttling (moving the toilet wheelchair forward with the feet).



## Turning the leg supports to the side

For easy transferring out of/into the toilet wheelchair as well as driving close to a closet, the leg supports can be swivelled outward after folding up the footplates (1).

Lift the locking button (2) and swivel the leg support outward.

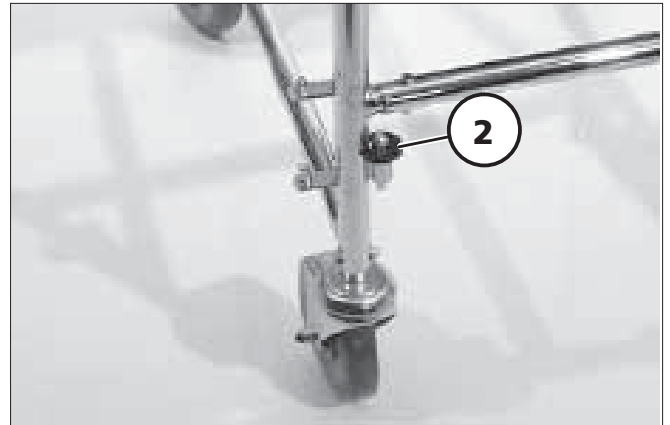
### Attention:

- ! Swivelled-away leg stump supports
- are automatically unlocked and can easily fall off. Note this when handling (e.g. transport).
- After swivelling the legrest inward again do not forget to check the corresponding locking device (2).

## Removing the leg supports

Before removing the leg supports remove the calf strap and fold the footplates up.

Lift the locking button (2). Turn leg support to the side slightly and pull up and off.



## Attaching the leg supports

The leg supports are hung on as follows:

Place the leg support, swivelled off sideways, from the top onto the receptacle pins (1) and swivel forward until it audibly locks into place.

### Attention:

- ! After swivelling in the leg supports
- check the secure hold of the locking device.

## Height adjustment of the footplates

After loosening the clamping screw (2) telescope the footplate to the desired height. Observe markings indicating maximum extension. Retighten clamping screw.




## Toilet pot


For cleaning or exchange the toilet pot is removable (1).

### **Note:**

After use of the toilet pot, the toilet pot and the toilet seat must be thoroughly cleaned and disinfected.

 Only commercial disinfectants are to be used.

### **Attention:**

-  The toilet pot is **not** suited for machine cleaning. The max. cleaning temperature may not exceed 45°C.

## Odour control

The rim of the toilet pail is formed as a crease (2) into which the lid dips in. In order to prevent odour the crease can be filled with clear water.

## Remove the toilet pot

Lift the pot a little and then pull towards the back (1).

## Insert the toilet pot

1. Push the toilet pot, with or without lid, from the back underneath the seat plate.
2. The lid can be placed into the holder for storing (3) .



## Seat plate

The removable, upholstered cover plate (2) serves for short-term transport.

For cleaning or exchange the seat plate can be removed.

### **Note:**

Only commercial disinfectants are to be used for disinfection of the seat plate.


### **Removing the seat plate**

Remove the seat plate (1) to the top.

### **Attaching the seat plate**

Press the seat plate (1), with the lid holder toward the back, onto the frame (3).

### **Attention:**

-  Danger of jamming when pressing on the seat plate.
- After pressing on the seat plate check for correct fit.
- – The seat plate may not be slid around anymore.



# SERVICE

## Cleaning and maintenance

### **Seat and back support cover:**

Clean the covers with warm water. In the case of stubborn soiling, the fabric can be washed with a commercially available washing powder for delicate fabrics. Spots can be removed with a sponge or a soft brush. Do not soak! Do not use a washing machine!

Do not use aggressive cleaning agents e.g. solvents, or hard brushes etc.

Rinse with clear water and let get dry.

To disinfect, use commercial brands. Observe the instructions for use given on the product.

### **Plastic parts:**

The seat plate, footplates of above mentioned consist of a high-class plastic. Take care of these by means of standard plastics cleaning agents. Always observe the specific product information.

We recommend Incidin plus in 0.25 to 0.5 % application concentration or a 4 % Sagrotan solution for disinfection of the toilet seat plate.

### **Finish:**

The high quality finish ensures an optimum of protection against corrosion. Should the coating be damaged through scratches or similar, repair the spot with a varnish pen that you can obtain from us.

It is sufficient for maintenance of chrome parts to initially rub them off with a dry cloth. Dull spots or very

adherent soiling are best removed with an appropriate quality cleaning agent. Slight greasing of the castor forks with Vaseline prevents premature dulling of the coating.

### **Castors:**

Check condition of castors regularly (wear, deterioration).

### **Moving parts:**

Check all moveable parts for function and practicability.

### **Change of user:**

The previously mentioned maintenance- and cleaning regulations for the toilet seat are to be undergone at regular intervals, daily or weekly, if the user changes frequently.

## Maintenance

To ensure safety and to prevent accidents as a result of wear on components going undetected, the wheelchair should be checked and serviced annually by a dealer. The dealer will check and maintain all safety-relevant parts of the wheelchair and check the operability and the operational safety. The dealer can detect the start of any wear and uses exclusively original spare parts or parts tested and approved by us.

The inspection of all screwed connections for tight fit as well as checking the frame, the arm supports, the castors, the back strap and the toilet seat for damages and functionality are part of the scope of maintenance.

## Tools

The following tools are needed for the adjustments that can be done by the user:

Open-end or ring spanner  
2x WW\* 10

\*WW = Wrench width [mm]

## Repair

You can trustingly use your authorised workshop for any necessary repair work. Personnel there are well trained to carry out the work required.

## Customer Service

Please contact your dealer if you have any questions or need help. Your dealer has been trained according to our guidelines in our factory and can give advice and carry out servicing and repairs.

## Spare parts

Spare parts can only be ordered from authorised dealers. Use only original spare parts for repairs.

For the correct supply of spare parts the respective serial number, located on the frame, needs to be noted at all times.

# TECHNICAL DATA

## HCDA

Width (Seat surface): .....	45.0 cm
Width: .....	56.0 cm
Length max.: .....	99.0 cm
Length min.: .....	65.0 cm
Height: .....	98.0 cm
Seat depth: .....	43.0 cm
Seat height: .....	54.0*/51.0 cm
Seat to arm support pad: .....	21.0*/24.0 cm
Seat to upper edge of back strap:.....	38.0*/41.0 cm
Steering castor-ø:.....	12.5 cm
Weight: .....	14.0 kg
Max. permissible user weight: .....	120 kg

\* = with cover plate

## HCDA XXL

Width (Seat surface): .....	45.0 cm
Width between arm supports: .....	60.0 cm
Max. width: .....	71.0 cm
Length max.: .....	96.5 cm
Length min.: .....	62.0 cm
Height: .....	99.0 cm
Seat depth: .....	40.0 cm
Seat height: .....	51.0*/49.0 cm
Seat to arm support pad: .....	26.0*/28.0 cm
Seat to upper edge of back strap:.....	43.0*/45.0 cm
Steering castor-ø:.....	12.5 cm
Weight: .....	15.0 kg
Max. permissible user weight: .....	160 kg

\* = with cover plate

## GUARANTEE

We accept a guaranty for this product according to the legal regulations.

We reserve the right to make technical improvements.

In case you find fault in this product or parts thereof, send in the following guarantee-segment with your description of the fault.

Do not forget to include the requested information regarding model description, delivery note number with date of delivery, vehicle identification number (Fz-I-Nr.) and your retailer.

The vehicle identification number (Fz-I-Nr.) is indicated on the type plate.

Pre-condition in any case is the intended use of the product, the use of original spare parts by authorised dealers as well as maintenance and inspections in regular intervals.

Damage to surfaces, tyres, damage due to screws and washers which have worked loose or worn out attachment holes due to frequent assembly and dismantling are not covered by this guarantee.

Furthermore, damages to the product caused by improper cleaning using steam cleaning equipment or the deliberate or accidental flooding of the components are also excluded.

### Attention:

- ! Failure to observe the instructions in the operating manual, improperly carried out maintenance work and, especially, technical changes and additions (add-ons) carried out without our prior consent will lead to a general loss of guarantee and product liability.

### Note:

This operating manual as a part of the product is to be handed out in case of a change of owner.



The product conforms with the EC Directive 93/42/EEC (MDD) for medical products

# GUARANTEE COUPON

Fill in the details! If necessary, copy and return.

## Guarantee

Model designation:

Delivery note no.:

Vehicle ID No. (Fz-I-Nr.) (view type plate):

Date of delivery:

Stamp of the authorized dealer:

# NOTES

---



□ Your specialist dealer: □

**MEYRA<sup>®</sup>**  
**ORTOPEDIA**  
We move people.

MEYRA-ORTOPEDIA  
Vertriebsgesellschaft mbH  
Meyra-Ring 2 · D-32689 Kalletal-Kalldorf  
P.O. Box 1 703 · D-32591 Vlotho  
Fon 05733 922-355  
Fax 05733 922-9355  
info@meyra.de · www.meyra.de  
info@ortopedia.de · www.ortopedia.de

205 318 101 • (Status: 2008-07) All technical modifications reserved!

