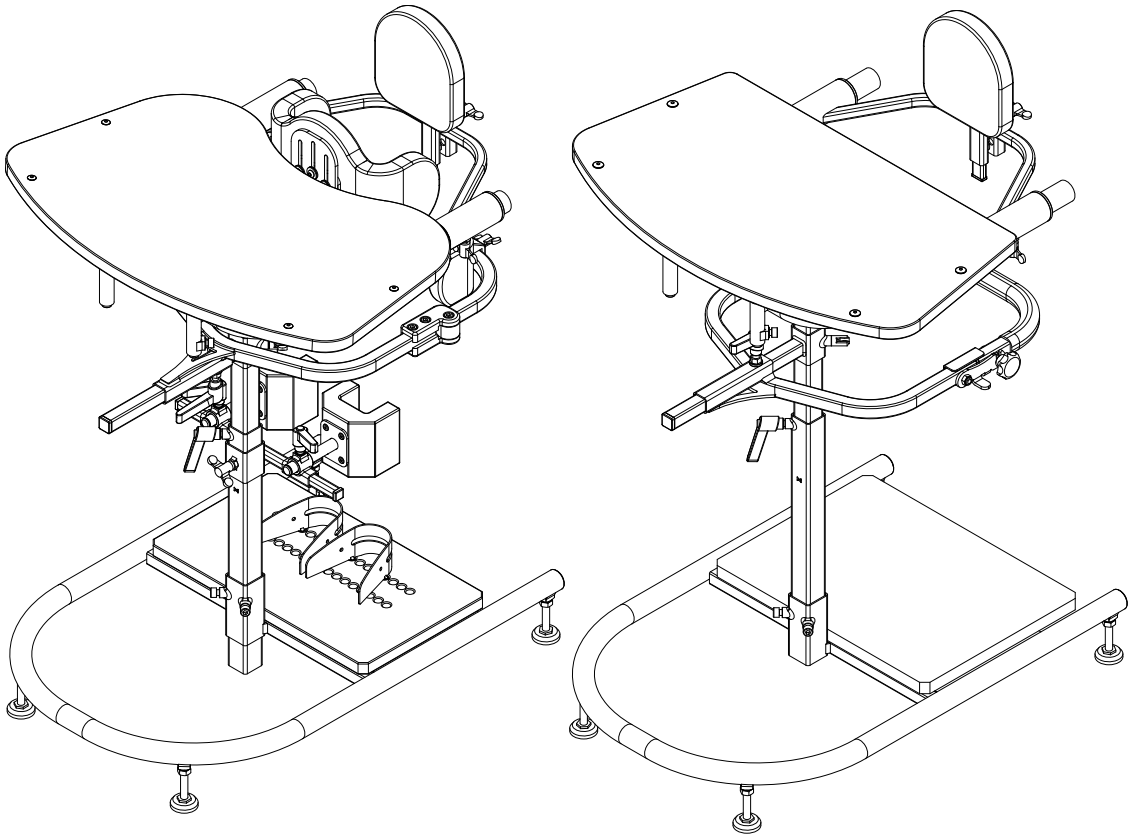
REHATEC®

Heidelberg Upright Stander Jumbo and Jumbo for hip-knee-ankle-foot orthosis

INSTRUCTIONS FOR USE

SERIAL NUMBER: _____

English



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We set standards.

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Foreword

Dear Customer,

Thank you for choosing a high-quality product from Rehatec® GmbH. We appreciate your confidence in our company and our products.

This manual has been prepared to familiarize you with the Upright Stander Jumbo (hip-knee-ankle-foot orthosis), hereinafter referred to as the stander. It provides essential information for the correct, safe, and efficient operation of the stander in various applications. Once the stander has been properly adjusted to meet individual user requirements, it is ready for use and designed to ensure long-term reliability and comfort.

Please note that the illustrations and descriptions contained in this manual may vary from your specific product configuration due to optional features or customer-specific adaptations. Rehatec® GmbH reserves the right to implement technical modifications and product improvements without prior notice. Although this manual has been compiled with the utmost care, typographical or factual errors cannot be completely excluded.

We wish you continued satisfaction and optimal use of your Upright Stander Jumbo (hip-knee-ankle-foot orthosis).

Sincerely,
Rehatec® GmbH

Important note!

This manual provides instructions for the adjustment, commissioning, operation, use, maintenance, inspection, care, and re-use of the Upright Stander Jumbo (hip–knee–ankle–foot orthosis), as well as important safety information and limitations of use designed to protect the patient, the operator, and third parties.

Please read this manual thoroughly before using the device for the first time.

Persons with sensory, cognitive, or learning impairments may have this manual adapted to improve comprehension. This can be achieved, for example, by reading it aloud, translating it into simpler language, or having it explained by a qualified third party.

The operator must have read and fully understood the manual. To ensure patient safety, the operator must not have any temporary or permanent conditions that could compromise attention, judgment, or safe handling of the device.

Keep this manual accessible at all times and ensure that it remains with the device if it is transferred to another user.

A replacement copy of this manual can be requested from Rehatec® GmbH. The manual is also available for viewing and download at: www.rehatec.com

Contents

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1. Safety

This chapter summarises all safety instructions that you must always observe for your own protection and that of others.

Please follow all instructions in this manual carefully. Incorrect operation can impair important device functions.

All safety instructions and other regulations must be observed at all times by both the patient and the operator. Failure to observe these instructions may result in injury or damage to property.

1.1 Warnings

Warning notices differ depending on the hazard, as indicated by the following signal words:

- **CAUTION** Warning of damage to property!
- **WARNING** Warning of personal injury!
- **DANGER** Warning of danger to life!

Warning/information notices have the following structure:

CAUTION/WARNING/DANGER
Type and source of the hazard! Measures to avoid the hazard.

IMPORTANT
The information symbol indicates useful tips for easier operation and better understanding.

1.2 Safety instruction

DANGER! The operator must not have any impairments that temporarily or permanently restrict their attention and judgement!

DANGER! The patient must never be left unattended. Constant supervision by an operator is required!

DANGER! All settings must be made correctly before each use of the device. Before each use, check that all parts are securely fastened.

DANGER! The individual limitations and abilities of the user must be taken into account at all times!

DANGER! The device is only approved for use by one person!

DANGER! The user must be adequately secured/fastened to prevent them from falling out, without restricting their comfort!

DANGER! The device may only be used by a trained user who has read and understood the complete instructions for use! Training must be provided by the operator/service provider!

DANGER! Risk of tipping! Extreme settings and unfavourable body posture (e.g. leaning out too far) increase the risk of tipping!

DANGER! Risk of tipping! The standing device may only be loaded at the foot area, the table and the handrails!

DANGER! Risk of suffocation! Any packaging film must be kept away from children!

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DANGER! If the device is defective, damaged or modified, it must not be used and must be taken out of service immediately!

DANGER! The device may only be used by patients wearing sturdy, non-slip footwear!

DANGER! Never use the device as a transport aid, even within a building between rooms!

DANGER! The device must not be altered or modified without the manufacturer's permission.

DANGER! The device may only be used on a horizontal, hard, level and non-slip surface! There is a risk of tipping and slipping if the surface conditions change.

DANGER! Limited manoeuvrability on soft surfaces, e.g. carpeted floors – risk of tipping!

DANGER! When cleaning and disinfecting, remove any residues of the agents used to avoid poisoning, irritation and allergic reactions! See chapter 'Cleaning and disinfection'.

DANGER! Protect the device from moisture! If it comes into contact with moisture, dry it immediately. For further information on protection against water, see chapter 'TECHNICAL DATA'.

CAUTION! Repair and inspection work may only be carried out by Rehatec® GmbH and authorised specialist dealers.

DANGER! Never use the device near or in conjunction with flammable substances and fire-causing objects.

DANGER! Risk of tipping! Children playing must not pull themselves up on the device!

DANGER! It is not permitted to operate the device under the influence of drugs or alcohol, or by operators with cognitive impairments. The user must not have any impairments that temporarily or permanently restrict their attention and judgement.

DANGER! The standing device contains small parts (e.g. tube plugs or protective caps) that could be swallowed by small children or mentally impaired patients! Always ensure that the small parts do not come loose!

DANGER! The padding, wooden and plastic parts installed on the device are not reliably flame-retardant. They are flammable, e.g. by smoking accessories, ovens, stoves, fireplaces and other room heating devices.

DANGER! Adjustment ranges must not be exceeded. A secure connection of the parts must be ensured.

DANGER! Perform maintenance at the specified intervals (see chapter 'Maintenance').

DANGER! Repair and adjustment work, cleaning or disinfection must only be carried out when there are no users in the device.

DANGER! The maximum permissible total weight must not be exceeded! See chapter 'Technical data' or type plate!

DANGER! Never carry the device with users or transport it in a car!

DANGER! Perform an annual inspection for damage and wear.

WARNING The device is only suitable for use in enclosed spaces!

1. Safety

⚠ **WARNING The device must always be secured against rolling away by applying all parking brakes!**

⚠ **CAUTION! Be aware of the risk of pinching and crushing during all repair and adjustment work.**

⚠ **DANGER! Only for use within the specified conditions! See the 'TECHNICAL DATA' section.**

⚠ **DANGER! After each transport in a car, prolonged storage and before reusing the device, all checks must be carried out in accordance with the 'Commissioning' section!**

⚠ **DANGER! Combinations of the device with third-party products or non-original parts are not permitted and can be dangerous. The manufacturer accepts no liability for damage or complications resulting from such combinations.**

⚠ **DANGER! The patient may push off with their feet or hands against a table, wall or other furniture. Increased risk of tipping! See chapter 'Minimum space requirements for the patient's environment'.**

⚠ **WARNING Additional safety instructions for individual points in the chapter 'Device settings' must be strictly observed!**

⚠ **WARNING Depending on the patient's condition and weight, several people (or a patient lift) may be required to transfer the patient into the device.**

⚠ **WARNING The standing device is very heavy and must only be lifted by at least 2 persons!**

⚠ **WARNING The standing device must not be used or stored in wet areas (bathrooms, swimming pools, etc.), outdoors or in environments with high humidity!**

⚠ **WARNING Always wear sturdy, closed-toe shoes when transporting, adjusting, operating, maintaining, cleaning and disinfecting the standing device to avoid injuries to your feet and toes!**

⚠ **CAUTION! All settings must be checked at regular intervals. All screw connections must be checked for tightness and wheels must be checked regularly to ensure they are functioning properly!**

⚠ **CAUTION! For transport or storage of the device, plug-in and unattached parts should be packed separately! This is the only way to ensure that the product and parts are protected from external influences!**

⚠ **CAUTION! Never use force when adjusting the device, as improper handling can cause damage to the device!**

2. Symbols

2.1 Symbols and markings on the product

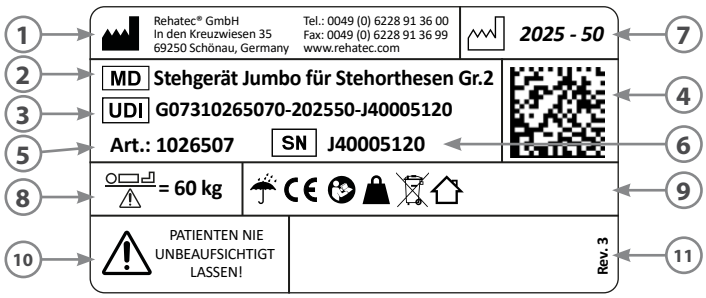
1		Follow the instructions for use!
2		Only suitable for indoor use.
3		Manufacturer
4		Date of manufacture (week/year)
5		CE mark
6		Maximum permissible patient weight
7		Maximum permissible nominal load
8		Battery/device disposal
9		Serial number
10		Medical device
11		Unique identifier of a medical device
12		Protect the product from moisture.
13		Warnings. Caution!
14		Caution! The device weighs more than 10 kg! At least 2 people are required to carry the device.
15		Warnings. Risk of crushing hands/fingers!
16		Instructions for use

2. Symbols

2.2 Type plate on the device

For clear identification and information purposes, the following labels are affixed to the base frame (see chapter 'Product and delivery overview'):

1 Manufacturer address
2 Device type/name/size (MD = Medical Device)
3 UDI number (readable form)
4 UDI number (machine-readable code)
5 Model number
6 Manufacturer serial number
7 Date of manufacture (calendar week/year)
8 Maximum permissible patient weight/
Maximum permissible rated load
9 Symbols
10 Safety notice
11 Power supply/Power/Duty cycle



The illustration shows an example type plate. The serial number shown does not correspond to that of your device.

3. General information

3.1 Definition

The term operator refers to any natural or legal person who uses the device or on whose behalf the device is used (e.g. therapy centres, rehabilitation facilities, physiotherapy practices, specialist dealers, or health insurance providers). The operator is responsible for ensuring that all personnel who handle the device receive adequate instruction and training in its correct use.

Operators (such as therapists, accompanying persons, or assistants) are individuals who, through appropriate training, experience, or instruction, are qualified to operate the device and perform therapeutic activities with it. Operators must be capable of identifying and avoiding potential hazards and must be able to assess the patient's physical abilities and overall health condition. All operators must be properly instructed in the use of the standing device before use.

Specialist personnel are employees designated by the operator who, based on their professional training or instruction, are authorized to transport, adjust, and maintain the device. They are also responsible for performing inspection, cleaning, and disinfection tasks in accordance with relevant regulations.

Within this manual, the term patient refers to a physically disabled or mobility-impaired person who is supported in achieving and maintaining an optimal upright or seated position through the use of the device.

3.2 Intended

The ***Upright Stander Jumbo (hip–knee–ankle–foot orthosis)*** is intended for patients with standing impairments to support and maintain a physiological upright position for several hours per day, ensuring stable and secure standing. It enables the therapeutic benefits of an upright posture to be achieved.

The device can be equipped with a gas pressure spring or an electric motor to assist in raising the patient.

3.3 Indications, contraindications and risks

Use of the Upright Stander Jumbo (hip–knee–ankle–foot orthosis) may be indicated for patients with the following conditions:
Complete or incomplete hemiplegia/hemiparesis, including possible involvement of the trunk muscles, resulting from brain diseases such as stroke or brain tumour.
Complete or incomplete tetraplegia/tetraparesis, with or without trunk involvement, due to brain diseases (e.g. multiple sclerosis, brain injury), spinal cord disorders (e.g. poliomyelitis, traumatic or tumour-related spinal cord syndrome), or peripheral nervous system and muscle diseases (e.g. Guillain–Barré syndrome, muscular dystrophies).
Complete or incomplete paraplegia/paresis, with or without trunk involvement, resulting from spinal cord diseases (e.g. traumatic, inflammatory, or tumour-related lesions in the thoracic or lumbar spine) or peripheral nervous system and muscular disorders (e.g. polyneuropathy, muscular dystrophy).
Before using the device, a physician must be consulted to determine potential contraindications. The indication for use must be reviewed regularly by a doctor or therapist.

Note: The occurrence of any type of pain during use is considered a contraindication and must be evaluated by a medical professional.

3. General information

The duration of use in the standing device must be determined by a doctor or therapist, depending on the patient's clinical condition and therapy objectives.
During use, the following symptoms may occur: circulatory problems, pain in the legs or back, increased spasticity, or seizures. Should any of these symptoms appear, the therapy session must be stopped immediately, and medical advice sought.
Use of the device for patients with scoliosis must only be carried out after consultation with the attending physician. The device is not intended to correct posture and is unsuitable for growth control.
Some patients may initially only tolerate a slightly bent position and may achieve full extension gradually over time. Posture must never be corrected by force or by applying strong pressure.
Patients with skin injuries or open wounds must not use the standing device until these have fully healed.

3.4 Responsibility

The operator is responsible for:

Ensuring the intended use of the device in accordance with this manual and all accompanying instructions.
Performing the required daily and periodic inspections, maintenance, and care of the standing device.
Observing the recommended maintenance intervals (see section Maintenance and Inspection).
Carrying out the daily and regular cleaning and disinfection of the device.
Ensuring compliance with the annual maintenance schedule.

The user is responsible for:

vv
Conducting regular cleaning, care, and inspection of the standing device before each use.
(For cleaning instructions, see Section 7; for inspection instructions, see Section 8.)

⚠ **DANGER Product modifications, repairs and maintenance work must be carried out in accordance with the inspection plan. Extensions to the system may only be carried out by authorised persons!**

ⓘ **IMPORTANT Rehatec® GmbH only provides a warranty if the product is used under the specified conditions for its intended purposes and only original accessories are used!**

ⓘ **IMPORTANT All serious incidents related to the product must be reported to the manufacturer and the competent authority. The competent authority in the United Kingdom is the MHRA!**

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3.5 Intended use

WARNING Read the chapter 'Technical data' for important conditions of use!

DANGER! Intended use includes strict compliance with all instructions in this manual!

DANGER! Before using the device, check the following points with the attending physician:

- Disease-specific use of the device (contraindications)
- Maximum duration of use of the product to prevent possible injuries
- Suitable strapping for secure positioning of the patient
- Necessary accessories for correct and safe joint/body positioning
- Maximum possible adjustment limits of positioning elements
- Frequency of use of the device/therapy plan

The Upright Stander Jumbo (hip–knee–ankle–foot orthosis) is designed for indoor use at an ambient temperature between 15 °C and 35 °C.
Use of the device in wet or humid environments is not permitted. The device must be kept away from heat sources and direct sunlight, as excessive heat may cause material damage or risk of burns.
Failure to observe these instructions may result in damage to the device and endanger the safety of both the user and the assistant.

The device must not be used indoors:

- with very high humidity of over 70%
- in wet areas (showers, swimming pools, etc.)
- where there is a risk of explosion or where flammable anaesthetic products are present.

The standing device is designed for therapeutic use and is not intended as a patient lift or for patient transport.

This product is intended for use exclusively by qualified users or operators who have received appropriate instruction from the responsible operator.
Approved areas of application include physiotherapy, rehabilitation, medical therapy, and home use under professional supervision.
Rehatec® GmbH does not guarantee the suitability of this product for any specific therapeutic or diagnostic purpose. The user or attending professional is responsible for determining the appropriate and safe use of the device.
To ensure safe and effective operation, all instructions, precautions, and information provided in this user manual must be read and followed carefully.

3. General information

3.6 Declaration of conformity

The relevant declaration of conformity can be found in the download area at www.rehatec.com.

The CE mark must be removed if the Rehatec® product is modified, altered or used in combination with unauthorised products from other manufacturers.

The CE mark also becomes invalid if non-Rehatec® original spare parts/accessories are used.

3.7 Service life

You can find a corresponding list of service lives at www.rehatec.com in the download area.

3.8 Service/complaints

Rehatec® GmbH is pleased to assist you with complaints, inquiries, additional information, or orders for accessories and retrofittable equipment.

All complaints must be submitted in writing to ensure proper documentation and prompt handling.

Further information on this can be found on our website www.rehatec.com.

4. Product and delivery overview

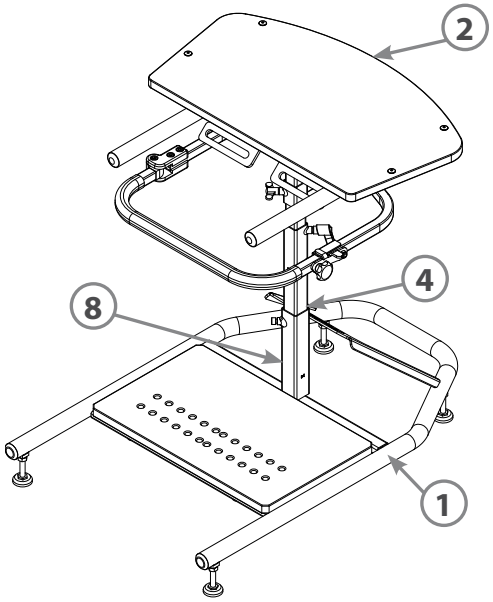
4.1 Scope of delivery and basic equipment

The ***Upright Stander Jumbo (hip–knee–ankle–foot orthosis)*** is available in two sizes. Detailed technical data, including size specifications and permissible user weight, can be found in the Technical Data section.
The device is generally delivered fully assembled and in its default configuration. To prevent damage during transport, plug-in or loose components are packaged separately within the box.

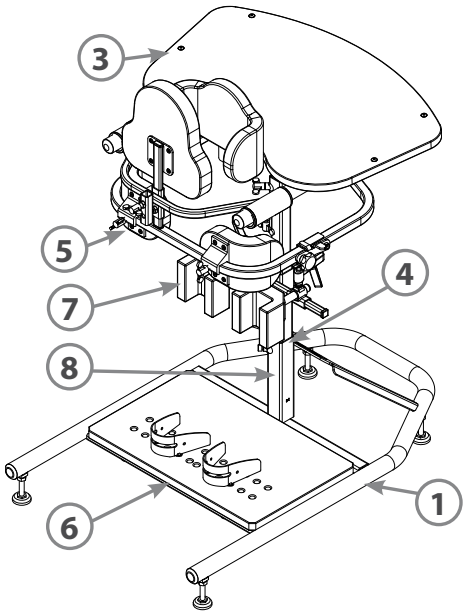
The standard scope of delivery includes the following components:

The illustration may differ from your product due to individual equipment options.

Heidelberg upright standers Jumbo for hip-knee-ankle-foot orthosis



Heidelberg upright standers Jumbo



Item	Component designation	Basic equipment Jumbo	Basic equipment Jumbo for hip-knee-ankle-foot orthosis
1	Base frame with footboard and feet	✓	✓
2	Straight therapy table incl. table depth adjustment		✓
3	Semicircular therapy table incl. table depth adjustment	✓	
4	Centre columns	✓	✓
5	Swivel arm pelvic frame incl. pelvic pads	✓	
6	Foot shells, plug-in	✓	
7	Knee pads (standard)	✓	
8	Type plate	✓	✓

4. Product and delivery overview

4.2 Accessories

Accessories are parts or components that are not included in the basic configuration of your device.

We recommend ordering any desired accessories when placing your initial order. However, you can also purchase and install all accessory components at a later date.

For further information, please contact your specialist dealer.
The following accessories are available for purchase:

- 75 mm transport castors with locking brakes
- Wall and furniture protection
- Multi base frame
- Base frame with low entry
- Multi base frame with low entry
- Parallel adjustable armrests, incl. straight table
- Armrests
  Table top angle adjustment
- Table surround
  Screw-on foot shells
- Foot straps for foot shells
- Anatomical knee pads
- Knee pads adjustable in 3 levels
- Back pad
- Headrest
- Curved chest pad
- Sternum chest pad, incl. adjustable side guide pads
- Fastening eyelets

Further information and data can be found at: ***www.rehatec.com***
Or simply request it by email, fax or post.

4.3 Checking the delivery

Please check your delivery for completeness, integrity and possible contamination.

In the event of damage, incorrect delivery or incomplete delivery, please contact

our customer service department: Telephone number: ***+49 (0) 6228-9136-0***

When reordering accessories or spare parts, you should always provide the serial number. The serial number can be found on the type plate. (See chapter 'Symbols and signs on the product')

⚠ **DANGER Risk of suffocation! Any packaging film must be kept away from children at all times!**

⚠ **DANGER If the device is defective, damaged or modified, it must not be used and must be taken out of service immediately!**

⚠ **WARNING Combining the device with third-party products is strictly prohibited and may be dangerous. The manufacturer accepts no liability for damage or complications resulting from such combinations!**

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5. Operation

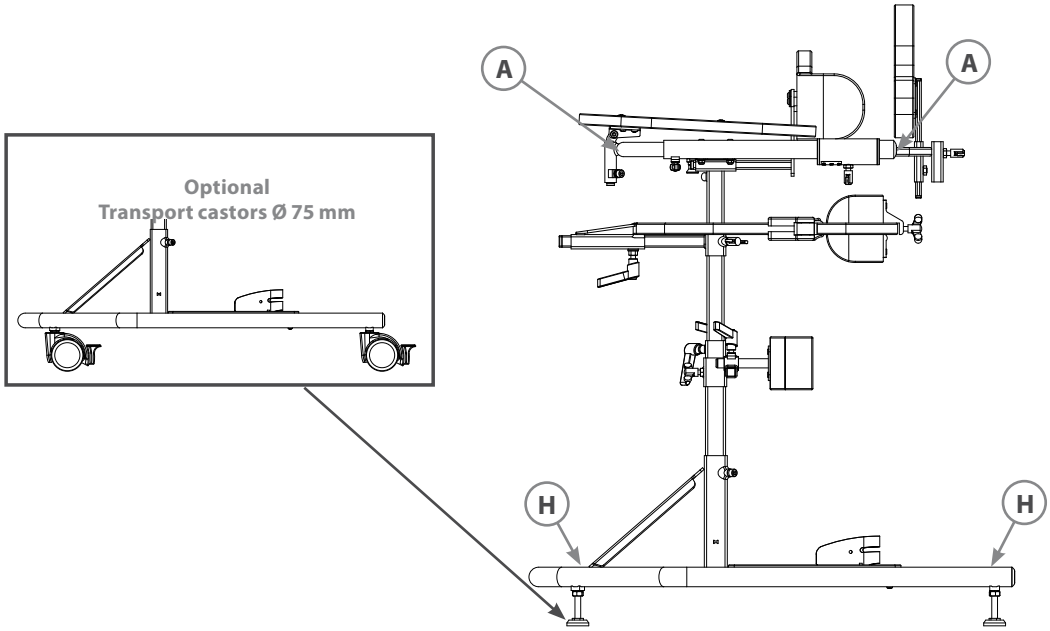
5.1 Transporting the device and patients

CAUTION The device is quite heavy and must only be lifted by at least two people!

WARNING The device is not suitable for transport between rooms! If necessary, door thresholds must be equipped with fixed ramps.

DANGER Transporting the device with patients is only possible if the device is equipped with additional transport wheels. Transporting patients in the device with the feet in place is prohibited!

DANGER Before transport, the patient must be secured against unintentional falling out by means of appropriate straps!



For safe and convenient transport of the device:
Grasp the device on the right and left sides at the front and rear at the holding points **[H]** and lift it simultaneously with two people.
For safe and convenient transport of the device and patient (only with transport castors) Use the holding or pushing points [A].

5. Operation

5.2 Commissioning

WARNING Ensure that no persons can be injured while using the device!

DANGER! If malfunctions are detected in the system during functional testing, the device must not be used until they have been rectified!

Before the patient can be positioned in the device, the device must be adjusted to the patient's needs.

Detailed descriptions of the individual adjustment options to suit the patient's needs are provided in the following chapter.

For all configurations of the device, please carry out a visual inspection and functional test of the device to confirm the following:

- The table column is free of defects and securely mounted.
- All screw connections have the necessary counterparts and are firmly fastened.
- Frame components and transport castors are free of cracks and are not deformed.
- Transport castors/feet are securely fastened and the locking brakes function properly.
- All available clamping elements of positioning elements (e.g. knee pads, chest pads, etc.) are available and function properly.
- All contact surfaces are dry and free of contamination.
- The vest/harness are free of defects. The plug connections and zip fastener function securely.

Before the device is adjusted to the user's needs and the user can be transferred to the Jumbo, the following preparations must be made:

DANGER! The device may only be adjusted by the operator/service provider!

WARNING: During all adjustment work, be aware of the risk of pinching and crushing. The adjustments should be made by two people to prevent possible injuries!

WARNING: The device must be placed on a non-slip, level, stable and horizontal surface and the transport castors must be locked before adjusting the device..

DANGER! Before using the device, check the following points with the attending physician:

- Disease-specific use of the device (contraindications)
- How long may the patient remain in the device to prevent possible injuries
- Suitable straps for securing the patient safely
- Necessary accessories for correct and safe joint/body positioning
- Maximum possible adjustment limits of the device's positioning elements
- Frequency of use of the device/therapy plan

DANGER! Some settings on the device can only be made without a patient.

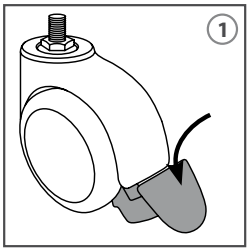
DANGER! Some settings on the device require additional space for safe device handling. See 'Minimum space around the patient' for the necessary dimensions.

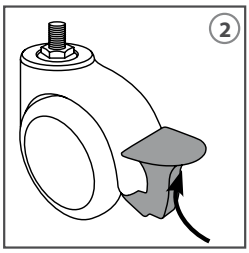
CAUTION Maximum adjustment ranges must not be exceeded. It is essential to ensure that the parts are securely connected!

6. Operation/settings of the device and accessories

6.1 Transport castors (optional)

The four castors are equipped with locking brakes.





WARNING The device must be placed on a firm, level and horizontal surface.

WARNING When using the device, only wear closed shoes with a sturdy toe cap!

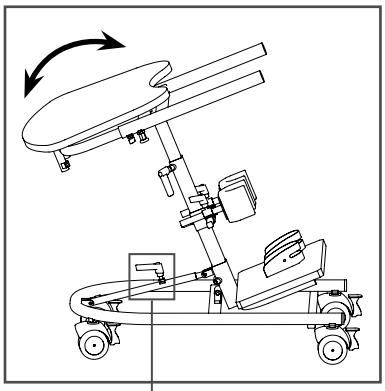
WARNING To prevent accidental rolling away, all four transport castors should be locked.

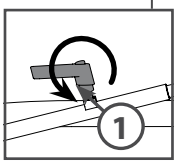
Locking the castors: press the lock downwards (Fig. 1).

Releasing the castors: press the lock upwards with the tip of your foot (Fig. 2).

6.2 Multi base frame (optional)

With the Multi base frame, the frame can be tilted forward by up to 20°. This is used to train the back muscles and to straighten the pelvis.





WARNING: When performing any adjustment work, be aware of the risk of pinching and crushing.

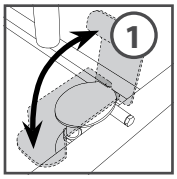
DANGER! If transport rollers are fitted, they must be locked in place before adjusting the device!

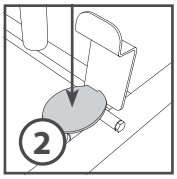
Adjusting the angle of the Jumbo Size 1:

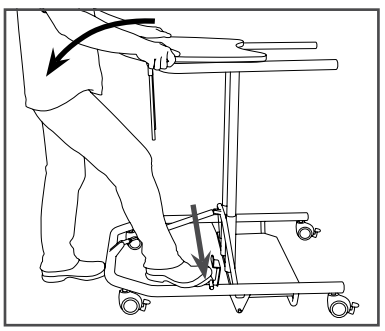
- Loosen the clamping lever **[1]** by turning it anticlockwise.
- Grasp the table with both hands and press it down/up until the desired angle is achieved.
- Tighten the clamping lever **[1]** by turning it clockwise.

DANGER! The clamping levers must be tightened securely – otherwise there is a risk of injury!

Adjusting the angle of the Jumbo Size 2:







- Fold the cover **[1]** upwards.
- Press the foot release **[2]** down and hold it in place.
- Grasp the table with both hands and press down until
- the desired angle is reached.
- Release the foot release **[2]**.
- Fold the cover **[1]** down.

6. Operation/settings of the device and accessories

6.3 Table column

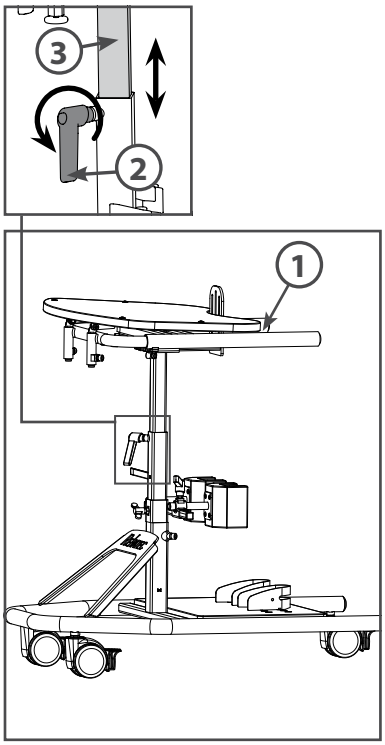
The height of the table top should be adjusted to the patient's elbow measurement. To do this, the elbow of the patient lying down is bent at a 90° angle and the measurement between the elbow and the sole of the foot is taken. This measurement normally corresponds to the height to be set from the footboard to the table top.

⚠ **WARNING: When performing any adjustment work, be aware of the risk of pinching and crushing.**

⚠ **WARNING: The adjustment must be performed by two people to prevent possible injury.**

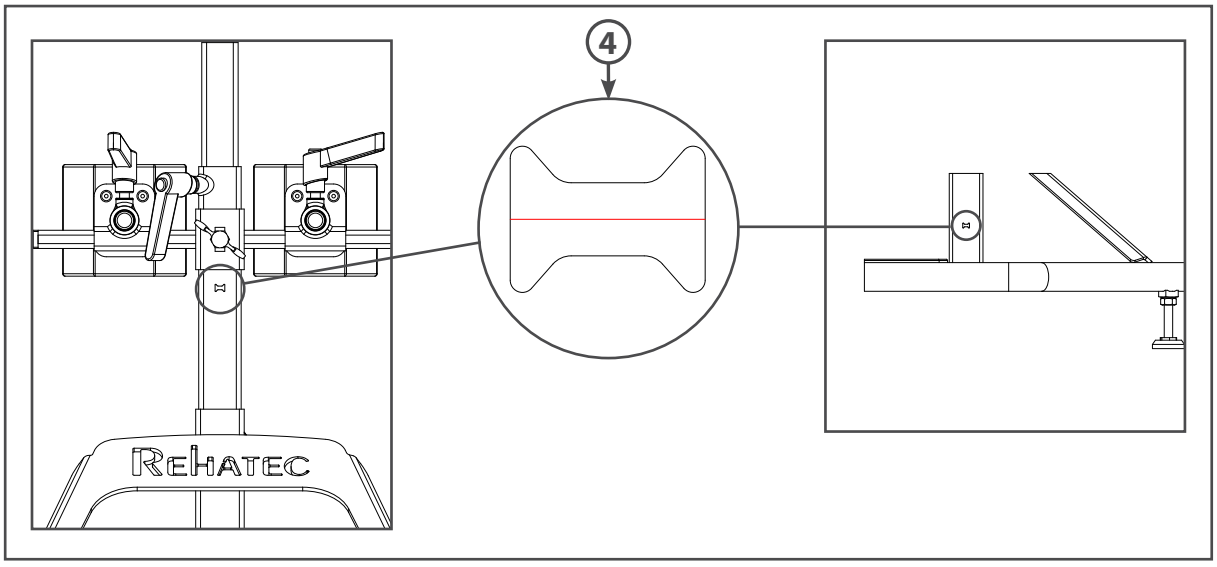
Adjustment:

- Hold the table mount [1] firmly with both hands.
- Loosen the clamping lever [2] by turning it anticlockwise.
- Adjust the table columns [3] to the desired height by lifting the table mount [1]. Tighten the clamping lever [2] by turning it clockwise.



⚠ **DANGER! The maximum adjustment is reached when the ends of the tubes are visible in the inspection windows [4]. The tubes must not be pulled out any further!**

⚠ **WARNING The clamping levers must be tightened securely – otherwise there is a risk of injury!**



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To open:

Turn the star handle [1] anticlockwise. Lift the latch [2] and swing the basin frame [3] backwards or sideways.

To close:

BSwing the basin frame [3] back. Allow the latch [2] to engage completely by applying counterpressure to the basin frame.
Tighten the star handle [1] again by turning it clockwise.

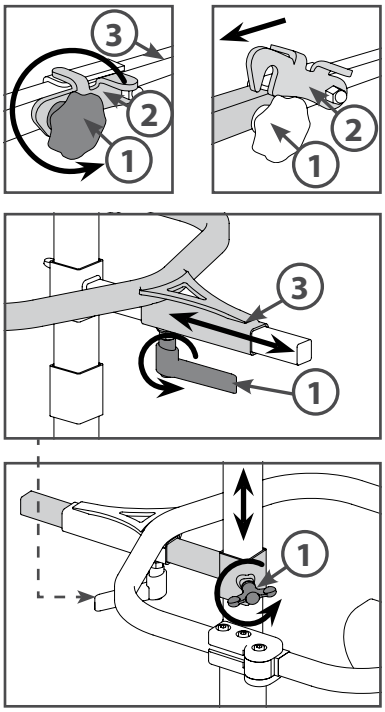
Depth adjustment:

Loosen the clamping lever [1] anticlockwise.
Adjust the depth of the swivel arm basin frame [2].

Tighten the clamping lever [1] clockwise again.

Height adjustment:

Loosen the wing screw [1] anticlockwise.
Adjust the height of the swivel arm basin frame [2].
Tighten the wing screw [1] clockwise again.



⚠ **WARNING Tighten all clamping elements again after each adjustment!**

6.5 Footrests, pluggable/screwable

⚠ **DANGER! All straps must be applied and securely fastened in accordance with requirements!**

⚠ **DANGER! All adjustments/positioning of the footrests must only be carried out without the patient! In the standing position, the patient must always be securely positioned and fixed!**

⚠ **WARNING If available, the patient must only stand in the device with appropriate footwear!**

The footrests [1] serve to position the feet firmly on the footboard and secure them with optional foot straps [2] using Velcro fasteners.

6. Operation/settings of the device and accessories

Positioning the plug-in foot shells (Fig. A)

Lift the foot shells [1] out of the footboard. Insert the foot shells [1] into the desired position (insert both pins into one hole each).

Positioning of the screw-on foot shells (Figure B)

Loosen the nuts [2] anticlockwise and remove them. Lift the foot shells [3] out of the footboard and insert them into the desired position. Tighten the nuts [2] again.

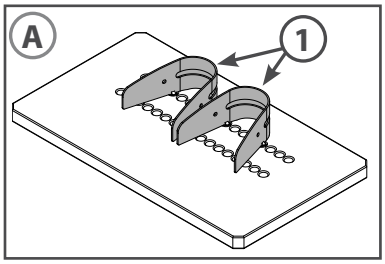
To open the Velcro fastener (Fig. C), pull on the edge of the upper strap while holding the lower strap until both are separated.

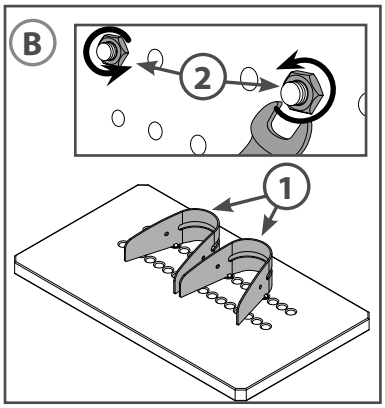
To close the Velcro fastener (Fig. D), first place and hold the strap with the upper hooks [H] in the desired position, then place the other strap with the loop [F] on top with a little tension and press it lightly along the entire overlap length [L].

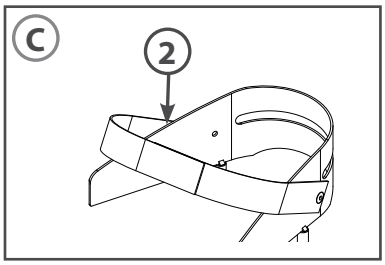
⚠ **WARNING To ensure that the Velcro fastener (Figure D) is securely attached, the overlap length (L) of the hooks [H] and loops (F) must be at least half the total hook length!**

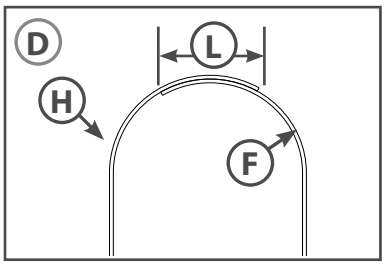
⚠ **WARNING If available, the patient should only stand in the device wearing appropriate footwear.**

⚠ **WARNING Due to wear over time or possible contamination, the Velcro fastener loses its adhesive properties. If the straps are dirty or worn, both straps must be replaced immediately with new ones! Contact your dealer for a replacement.**









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6.6 Knee pads

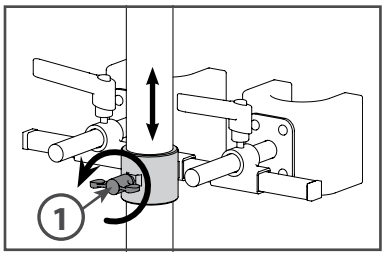
DANGER! Only make adjustments when the patient is not in the device! The patient must be securely fastened in the standing position!

DANGER! The device must not be used without the knee pads being securely fastened!

CAUTION! Beware of the risk of pinching and crushing!

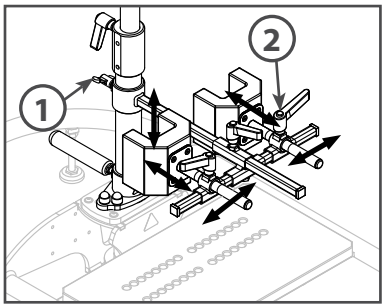
CAUTION! The maximum adjustment is reached when the ends of the adjustment tubes are flush with the guides!

The settings apply to both standard and anatomical knee pads. The adjustment options refer to the standard and 3-level brackets used with the U-shaped and anatomical knee pads.



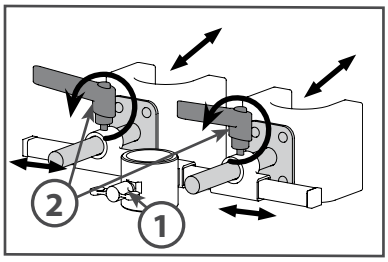
For height adjustment

- Loosen the wing screw **[1]** anticlockwise.
- Slide the knee pads to the desired height.
- Tighten the wing screw **[1]** again clockwise.



To adjust the width/depth

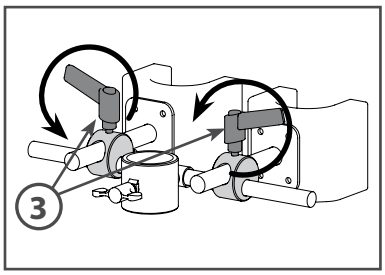
- Loosen the required clamping lever **[2]** or **[3]** anticlockwise.
- Adjust the knee pad.
- Tighten the clamping lever **[2]** again by turning it clockwise.



To adjust the angle (only for knee pads that are adjustable in 3 planes)

- Loosen the required clamping lever **[3]** by turning it anticlockwise.
- Adjust the width of the knee pad.
- Tighten the clamping lever **[3]** again by turning it clockwise.

DANGER! Tighten all clamping elements again after each adjustment!



6. Operation/settings of the device and accessories

6.7 Therapy table

CAUTION! Beware of the risk of pinching and crushing!

The height of the table top should be adjusted according to the patient's elbow measurement. The patient should be lying down with the elbow bent at a 90° angle, and the distance from the elbow to the sole of the foot is measured. This measurement generally corresponds to the height from the footboard to the top edge of the table.

DANGER! Table height adjustment may only be carried out without the patient on the table!

IMPORTANT The complete assembly of the frame upper parts weighs more than 10 kg without removable accessories (all pads, crossbar, headrest)!

WARNING Table height adjustment must be carried out by at least 2 people together to prevent possible injuries!

WARNING Risk of breakage! When adjusting the table height, no lifting forces may be exerted on the table top! The complete upper frame assembly may only be lifted by the frame!

Table height adjustment

The table height is adjusted as follows:

- The upper part with the table [1] must be held on both sides [2] by one person on each side. The table top can also be removed beforehand using 2 screws [7] if necessary.
- Loosen both clamping levers [3] counterclockwise.
- Adjust the table columns [4] to the desired height by lifting/lowering the table mount [1].
- Tighten both clamping levers [3] clockwise.

WWARNING The maximum adjustment is reached when the ends of the tubes are visible in the inspection windows. The tubes must not be pulled out any further – see section 6.3 Table column!

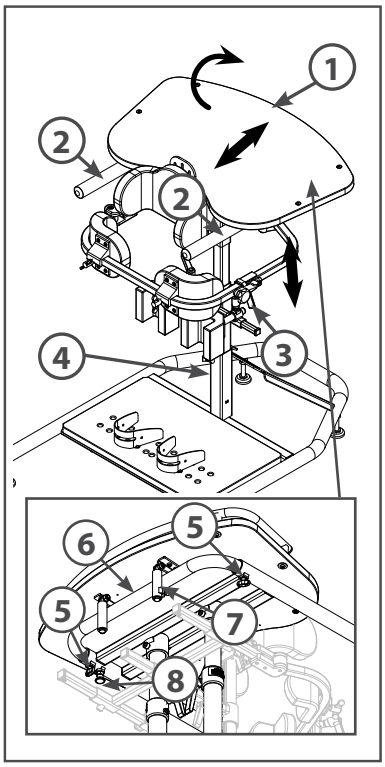


Table depth adjustment

Loosen both mini wings [5] counterclockwise. Adjust the depth of the therapy table using the table bracket [6]. Tighten the mini wings [5] again clockwise.

CAUTION! Maximum depth adjustment is reached when the locking bolt [8] releases.

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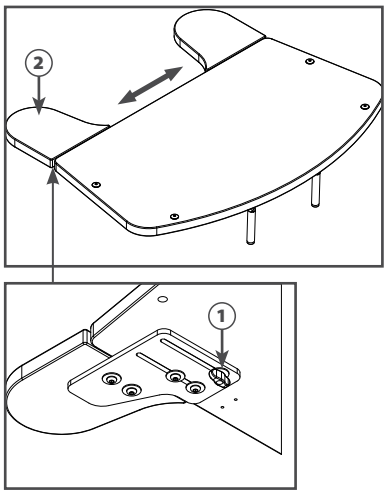
DANGER! Tighten all clamping elements again after each adjustment!

CAUTION! Do not use a table to push the device! See chapter 'Device and patient transport'.

IMPORTANT To facilitate adjustment of the pads or positioning of the patient, it is possible to tilt the table at the hinges.

6.8 Therapy table top with straight table edge and parallel-adjustable armrests

An optional tabletop with a straight edge in the chest pad area is available. This tabletop comes with parallel-adjustable side armrests included.



To move the armrests sideways, proceed as follows:

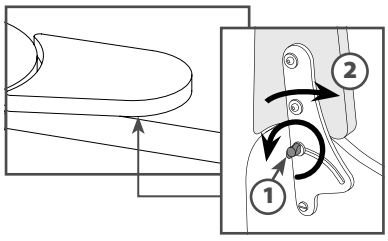
- Loosen the mini wings **[1]** counterclockwise.
- Two to three full turns are sufficient.
- Move the armrest **[2]** sideways to the left or right.
- Tighten the mini wings **[1]** again clockwise.

DANGER! Tighten all clamping elements again after each adjustment!

CAUTION! Risk of crushing! The armrests must not restrict the function of the dynamic centre column by colliding with the chest pad/side guide pads!

6.9 Armrests for standard tabletop

- Loosen the mini wings **[1]** by turning them anticlockwise.
- Two to three full turns are sufficient.
- Position the armrest **[2]** using the angle adjustment.
- Tighten the mini wings **[1]** again clockwise.



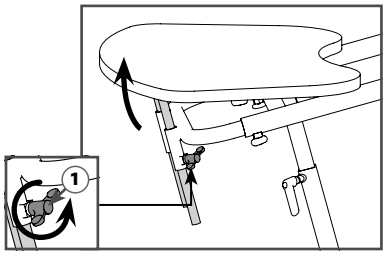
DANGER! Tighten all clamping elements again after each adjustment!

CAUTION! Risk of crushing! The armrests must not restrict the function of the dynamic centre column by colliding with the chest pad/side guide pads!

6. Operation/settings of the device and accessories

6.10 Table top tilt adjustment (optional)

Loosen the wing screws [1] counterclockwise. Raise the table to the desired height. Tighten the wing screws [1] again.

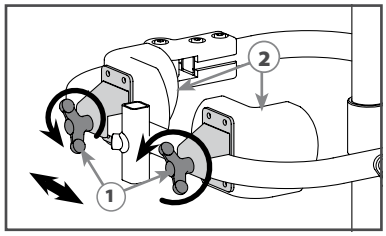


6.11 Pelvic pads

IMPORTANT With a swivel arm pelvic frame, the depth is determined by the frame and cannot be adjusted additionally.

Width adjustment

- Loosen the wing screw [1] anticlockwise.
- Move the pelvic pad [2] to the desired position.
- Tighten the wing screw [1] again clockwise.



DANGER! Tighten all clamping elements again after each adjustment!

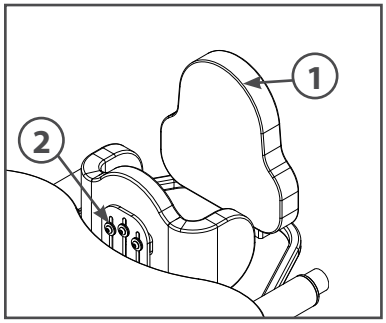
6.12 Standard chest pad/sternum

CAUTION! Beware of the risk of pinching and crushing!

IMPORTANT Folding down the table makes it easier to adjust the settings.

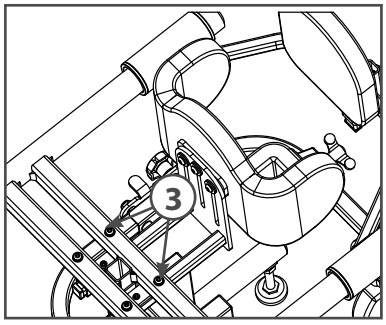
For height adjustment:

- Hold the chest pad [1] with one hand.
- Loosen all 3 screws [2] counterclockwise. 1.5 to 2 full turns are sufficient.
- Adjust the chest pad [1] to the desired height.
- Tighten all 3 screws [2] clockwise.



For depth adjustment:

- Fold the therapy table completely forward/up.
- Loosen both screws [3] on the bracket counterclockwise.
- Adjust the depth of the chest pad holder.
- Tighten both screws [3] clockwise again.
- Fold the therapy table back down completely.

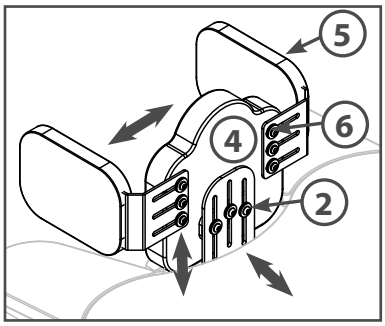


Optionally, the device can be equipped with a chest pad [4] and width-adjustable side guide pads [5].

To adjust the width:

- Loosen all screws [6] on both sides by turning them anticlockwise. 1.5 to 2 full turns should be sufficient.
- Adjust the side guide pads [5] to the desired width.
- Tighten all screws [6] clockwise.

DANGER! After making each adjustment, tighten all clamping elements again!



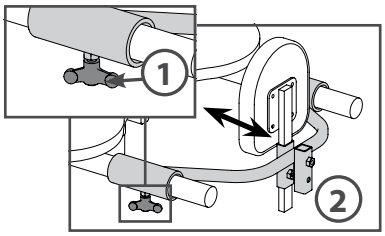
6.13 Backrest (optional)

CAUTION! Beware of the risk of pinching and crushing!

CAUTION! The maximum adjustment is reached when the tubes are flush with the guide.

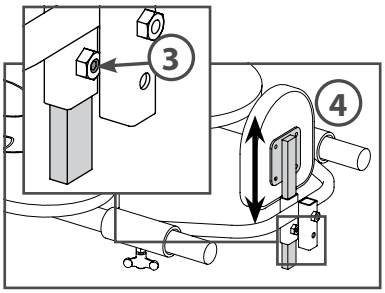
To adjust the depth:

- Loosen the wing screws [1] counterclockwise.
- Adjust the depth of the backrest pad [2].
- Tighten the wing screws [1] clockwise again.



To adjust the height:

- Loosen the screw [3] counterclockwise.
- Adjust the height of the backrest pad.
- Tighten the screw [3] clockwise again.



To remove the backrest pad:

- Loosen the wing screws [1] anticlockwise.
- Remove the backrest pad [2].

DANGER! Tighten all clamping elements again after each adjustment!

6.14 Headrest

CAUTION! Beware of the risk of pinching and crushing!

DANGER! When in a standing position, the patient must always be securely positioned and restrained!

DANGER Always check that the patient's head is in a safe positi-on. The patient must be able to breathe freely!

The headrest is attached to the backrest holder. If the depth of the swivel arm pelvic frame is adjusted, the headrest and backrest are automatically adjusted as well.

6. Operation/settings of the device and accessories

For tilt adjustment:

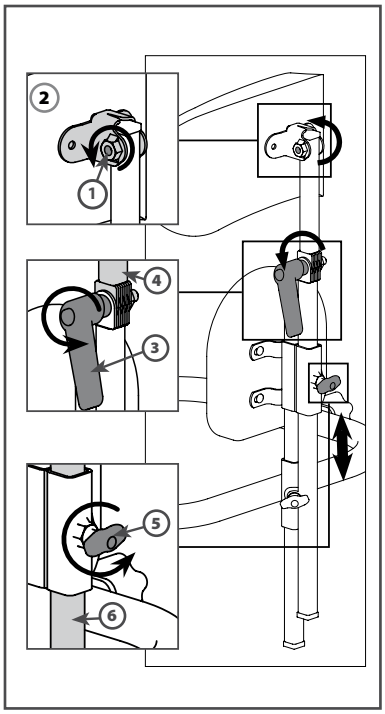
- Loosen screw [1] counterclockwise.
  Set the desired tilt of the headrest [2].
  Tighten screw [1] clockwise again.n

For angle adjustment:

- Loosen clamping lever [3] counterclockwise.
  Set the desired angle on the headrest holder [4].
  Tighten the clamping lever [3] again clockwise.

For height adjustment:

- Loosen the wing screw [5] anticlockwise.
  Move the headrest holder [6] to the desired height.
  Tighten the wing screw [5] again clockwise.

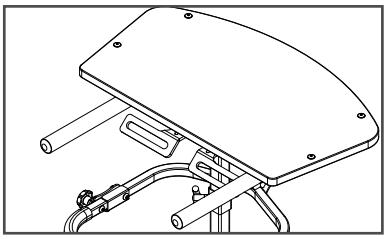


⚠ **DANGER! Tighten all clamping elements again after each adjustment!**

⚠ **CAUTION! The maximum adjustment is reached when the tubes are flush with the guide.**

6.15 Fastening eyelets (optional for hip-knee-ankle-foot orthosis)

The fastening eyelets are used to facilitate the attachment and secure positioning of the standing orthoses on the device.

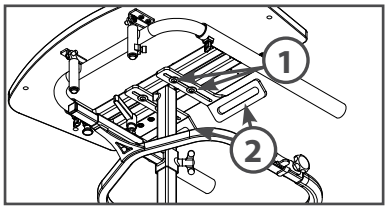


⚠ **CAUTION! Be aware of the risk of pinching and crushing!**

⚠ **IMPORTANT Folding down the table makes it easier to carry out the adjustments.**

For depth adjustment:

- Loosen screws [1] anticlockwise.
- Adjust the mounting eyelet [2] to the desired depth.
- Tighten screws [1] clockwise again.



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6.16 upright standers Jumbo: Standing training

WARNING: When making adjustments, be aware of the risk of pinching and crushing!

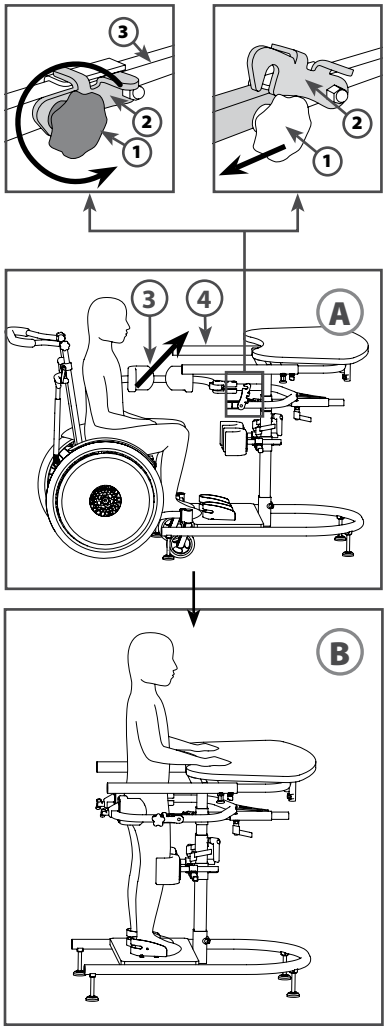
DANGER! Place the device on a non-slip, level, stable and horizontal surface!

DANGER! Before use, clarify how long the patient may remain in the standing device in order to prevent possible injuries!

WARNING It is recommended that at least two people assemble the device and initiate the standing process in order to prevent possible injuries.

Before placing the patient in the ***Heidelberg Upright Stander Jumbo (hip–knee–ankle–foot orthosis)*** and making any adjustments, the following preparations must be completed.

- If transport castors are fitted, these must be locked before adjusting the device (see section 6.1 Transport castors).
- If the standing frame has a back pad, this must first be removed. (see section '6.13 Back pad')
  Please check that all clamps and fasteners are tight and secure.



Raising the patient

- Position the patient's seat near the standing device and ensure that the standing device is secured against rolling away.
- Open the star handle **[1]** counterclockwise. Lift the latch **[2]** and swing the pelvic frame **[3]** backwards or sideways.

DANGER! The patient must always be supported during the standing process – otherwise there is a risk of injury!

- Lift the patient into the standing device and position their feet in the footrests. Initiate the standing process until the patient is standing upright (Figure B). If possible, the patient can hold on to the table bracket **[4]** to assist with the process.

DANGER! When raising the patient, the knee angle must not be less than 90° – otherwise there is a risk of injury!

- Swing the pelvic frame **[3]** back. Engage the latch **[2]** completely by applying counterpressure to the pelvic frame. Tighten the star knob **[1]** again by turning it clockwise.
  If available, attach the backrest/headrest.

DANGER! Ensure that the table and other fixed parts do not collide with the patient.

Treatment may only commence once the patient has been securely restrained.

6. Operation/settings of the device and accessories

6.17 Ending standing training

- Position the patient's seat as close as possible to the standing device and ensure that both the standing device and the seat are secured against rolling away (lock the transport castors if available).
- Fold the therapy table completely forwards or upwards.
- Open the swivel arm pelvic frame. The patient must always be supported during this process!
- Lower the patient into the seat, remove the patient's feet from the footrests and remove the standing device from the patient.

7. Cleaning and disinfection

The user is responsible for regular maintenance and care.
In the event of complaints or problems, please contact your service provider/dealer!

7.1 Safety instructions for cleaning and disinfection

DANGER Neglected, inadequate or incorrectly performed (using incorrect means or procedures) cleaning or disinfection can pose a serious risk to the operator and patient!

DANGER Maintenance, cleaning, repair and adjustment work may only be carried out on the device without the patient in it!

DANGER When cleaning and disinfecting, pay attention to the residues of the agents used to avoid poisoning, irritation and allergic reactions!

CAUTION Do not use abrasive agents or cloths to clean the device!WARNING Care and safety instructions for the use of the respective cleaning/disinfecting agents must be observed!

WARNING Heavily soiled, cracked, perforated and contaminated foam parts that are bonded to carrier elements must be replaced. There is no cleaning/disinfecting option for these parts!

CAUTION Do not use cleaning agents containing solvents if these could affect the structure and consistency of wood, wooden surfaces and lacquer coatings, foam/plastics, plastic surfaces (benzene, toluene, acetone, etc.) or metal lacquers and coatings.

**WARNING The device must not be used if it has come into contact with moisture.
It must then be dried immediately!**

CAUTION The product and its accessories are not designed for machine cleaning.

CAUTION The product and its accessories are not designed to be cleaned by spraying and washing with pressure or steam cleaners! Do not use high-pressure cleaners!

CAUTION Germicidal or other irradiation must not be used for disinfection.if the irradiation can have a direct effect on wood, plastics and metals, as well as their surfaces and coatings.

CAUTION Cleaning agents and disinfectants may only be diluted in accordance with the instructions of the respective manufacturer!

CAUTION All soft and textile components must be removed before basic cleaning!

CAUTION After cleaning or disinfecting, all soft and textile parts must be completely dry before being reattached to the device!

CAUTION The owner of a medical device is solely responsible for cleaning it. Failure to clean the device may void the device warranty and compromise the clinical condition and safety of users and/or caregivers.

DANGER Follow these instructions and the dosage recommended by the cleaning agent manufacturer.

IMPORTANT Some liquids used in healthcare can cause permanent stains! Test the cleaning agent on a small/inconspicuous area of the surface.

7. Cleaning and disinfection

7.2 General instructions for cleaning and disinfection

Remove and clean the following components separately (if this is not possible, protect them from cleaning agents): accessories, cushions/upholstered elements, removable wooden parts
See Table [A] for the frequency of cleaning and disinfection for various components of the device.

IMPORTANT For information on reuse, see the chapter 'Reuse and patient change'.

Table A: Frequency of cleaning and disinfection

Device components	Daily	Weekly	Monthly	Annually	Patient change	Complete cleaning	Reuse
Controls: clamping elements, handles, etc.	o	o	o	+	o	+	+
Armrests, footrests, tables or similar fixed contact surfaces	o	o	+	+	+	+	+
Transport rollers	–	–	o	+	o	+	+
Textile covers and straps	o	o	o	+	o	+	+
Faux leather covers	o	o	o	+	o	+	+
Upholstery*	–	o	o	o	o	x	x
Frames, brackets or similar structural elements	o	o	o	+	o	+	+

* Upholstery glued to metal parts cannot be cleaned and disinfected safely and must be completely replaced with new assemblies as necessary.

+ = necessary; o = recommended/as necessary; – = not necessary; x = replacement/disposal only

7.3 Thorough cleaning before first use/storage

When unpacking the device, visually inspect all visible surfaces for dirt, damage or foreign substances.
Each device must be thoroughly cleaned and disinfected (except for foam pads) before first use.

It is recommended that the device and accessories undergo thorough cleaning at least every 2-3 weeks or as needed. See Table [A] for frequency of use.

When selecting a cleaning agent and its dilution, always consult the manufacturer of the cleaning agent in accordance with the following material table.

Before storage, the device must be cleaned and disinfected completely (including accessories), as for reuse.
If the device is intended for reuse, old pads and padded parts can be replaced.

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7.4 Cleaning during normal use (including domestic use)

It is recommended that all parts of the device that have been touched by patients and operators, as well as all handles and accessories, be cleaned daily.

Use a soft cloth, warm water and a mild detergent to remove dirt and clean the product. Spilled liquids should be removed as quickly as possible.

Never use polishing powder, steel wool or other materials and cleaning agents that could damage the surface of the device.

Never use strong acids or alkalis. The optimum pH value is 6–8.

Upholstered elements should be washed or replaced as necessary.

Removable foam pads (without metal parts) and textile fabric covers (not made of imitation leather) are machine washable at max. 40 °C.

Clean the foam padding in a tub/sink with warm water, adding a little detergent and leaving it to soak for approx. 1 hour. Then rinse with clean water and hang up to dry.

The device may only be used again once it is completely dry and clean.

7.5 Cleaning and disinfection between patients

Before the device is used for therapy with a new patient, it must be carefully prepared:

- All hard surfaces that come into contact with the patient must be cleaned and treated with a disinfectant.
- All covers (made of imitation leather) must be cleaned and treated with a disinfectant.

7. Cleaning and disinfection

7.6 Cleaning and disinfection before reuse

Before the device is used again, it must be carefully prepared:

- All hard surfaces that come into contact with the patient must be cleaned and treated with a disinfectant.
- All covers/straps must be cleaned and treated with a disinfectant (if possible).
- If soiled, all covers, foam elements and existing straps must be cleaned or replaced!
- All padding and padded elements must be replaced!

7.7 Selection of cleaning agents or disinfectants

When selecting a cleaning agent/disinfectant and its dilution, always consult the manufacturer of the cleaning agent in accordance with the material table below [B].

IMPORTANT Some liquids used in healthcare can cause permanent stains! Test the cleaning agent first on a small/invisible area of the surface.

Table B: List of materials used

Part of the device	Material
Rollers	ABS, S-Z, PA 66, TPE
Metal components of the device	S -P/-C/-Z, ALU-E
Plug-in buckle	POM / PA 66
Buffer	Rubber
Screws, pins, nuts	S -Z/-N, ES
Wooden parts, fine veneer/ solid	Wood/ PU coating
Wooden parts, HPL coated	Wood/ Panels based on curable resins
Faux leather covers	PVC compound, BW/P knitted fabric, PU
Textile covers	P, PA
Upholstery parts	PU foam
Strapping	P, PA

Material	Abbreviation
S-P*	Steel, powder-coated**
S-C	Steel, chrome-plated
S-Z	Steel, galvanised
S-N	Steel, nickel-plated
ALU-E	Aluminium, anodised
ES	Stainless iron (stainless steel)
POM	Polyoxmethylen
PTFE	Polytetrafluoroethylene
PU	Polyurethan
PA	Polyamid
P	Polyester
PVC	Polyvinyl chloride compound
TPE	Thermoplastic elastomers
BW	Cotton

(**) – All powder coating materials are epoxy resin/polyester-based.

For example, you can consider products from the following manufacturers of cleaning agents/disinfectants:

Dr. Schumacher GmbH, Bode Chemie GmbH, Schülke & Mayr GmbH, Ecolab GmbH, B. Braun Melsungen AG, Dürr Dental AG and Lysoform Dr. Hans Rosemann GmbH.

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7.8 Cleaning & disinfecting solid surfaces

Only cleaning agents and CE-certified disinfectants that are intended for cleaning medical devices and have an optimal pH value of 6.5–7.5 may be used.

Cleaning of:

- coated and painted metal surfaces
- coated and painted wooden surfaces
- hard plastic surfaces of star handles, wing screws, clamping levers

is best done with a soft, dry towel, a slightly damp microfibre cloth and lukewarm water (with or without cleaning agent)

Disinfection of:

- coated and painted metal surfaces
- coated, covered and painted wooden surfaces
- hard plastic surfaces of star handles, wing screws,

This is best done with soft cleaning cloths made of paper and microfibre. The disinfectant must not be sprayed directly onto the product. To do this, spray a soft cloth and apply the disinfectant to the surfaces.

The device and its accessories must not be sprayed with liquid agents to prevent liquids from penetrating.

To avoid skin irritation or allergic reactions, ensure that no residues of cleaning agents or disinfectants remain on the surfaces.

Then dry the parts thoroughly.

7. Cleaning and disinfection

7.9 Cleaning & disinfecting covers

The faux leather covers must be disinfected with a CE-certified surface disinfectant. The disinfectant must then be wiped off completely with a damp cloth and dried thoroughly with a microfibre cloth.

Alternatively, disinfection can be carried out in a cold fogging system!
Any stains on the faux leather covers should be removed as soon as possible with lukewarm water and a slightly damp cloth, preferably microfibre or cotton. For heavier soiling, warm, mild soapy water and a soft hand brush or soft sponge can be used. The cleaning process may need to be repeated several times.

Then wipe away any remaining cleaning agent with a damp cloth.

Textile covers (not imitation leather) and straps can be washed in a washing machine at up to 40°C using a conventional CE-certified disinfectant detergent.

Only disinfectants for textile fabrics that are specifically intended for medical devices (e.g. RHEOSOL-Deso) and meet the following requirements are permitted:
Proof of effectiveness at 40°C or higher,
CE-certified medical device,
RKI or VAH listed (recommended),
Approved in the EU (recommended).

Chemical cleaning, dry cleaning or bleaching of fabrics is not permitted.

Drying is only permitted at low temperatures (gentle cycle) in a tumble dryer. Dry the items thoroughly afterwards.
Only iron fabrics with a lukewarm iron.
To avoid skin irritation or allergic reactions, ensure that no residues of cleaning agents or disinfectants remain on the fabrics.
Pay attention to symbols (see Table C) that can be found on some covers made of different materials!

Table C: Symbols for substances

Symbol	Meaning
	Wash cycle 40°C, easy care or delicate cycle
	Do not bleach
	Iron with a lukewarm iron
	Tumble dry at low temperature (gentle)
	Clean with perchloroethylene

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8. Maintenance and inspection

DANGER Never use a device that is not in perfect condition!

DANGER If there is excessive wear or if worn product parts are not replaced, the safety of the product may no longer be guaranteed!

DANGER Malfunctions, faults or defects may only be repaired by the manufacturer, operator or service provider!

DANGER Do not make any changes to the product!

WARNING Only use original spare parts/accessories or those approved by *Rehatec® GmbH*!

IMPORTANT If you have any complaints or problems, please contact your service provider/operator!

WARNING During all repair and adjustment work, be aware of the risk of pinching and crushing!

CAUTION During all maintenance or inspection work, follow all instructions in the 'Cleaning and disinfection' section!

8.1 Maintenance

Before each use, please check the following functions::

- All connection parts and components required for the supply.
- The functions of the brakes. A safe braking function must always be guaranteed.
- All visible screw connections are tight and complete.
- All upholstery and accessible surfaces must be checked for tears, scratches and abrasions. Defective parts must be replaced!
- All elements of the harness are undamaged and complete. Defective parts must be replaced!!

Regular care and maintenance

For safety reasons, it is important that all components are undamaged during use. Therefore, check them regularly and have them repaired or replaced if necessary.
The device must be serviced and maintained at regular intervals by trained specialist personnel.

The maintenance requirements are based on the checks listed in section '8.3 Inspection plan'.

DANGER A maintenance interval of 12 months is specified for the device in accordance with the following inspection plan.

8. Maintenance and inspection

8.2 Inspection

IMPORTANT Use the inspection plan in the 'Inspection Plan' chapter to document the proper condition of the device and to document any abnormalities, malfunctions and defects!

WARNING Ensure that every safety-related check is entered in the test report. The documentation must be retained until the device is disposed of.

During an inspection, a visual inspection and mechanical function tests must be carried out.
If necessary, care and maintenance work must be carried out or repairs commissioned. Missing, damaged or contaminated parts must be replaced.
When ordering spare parts, the dealer or the manufacturer's sales department can provide advice if the serial number, device type and date of manufacture are specified.

8.3 Inspection schedule

IMPORTANT Inspections must be carried out by the operator/service provider and documented on a copy. This documentation is device-specific and serves as proof for reuse, transfer and warranty claims. Please keep it together with the operating instructions.

operator

Product	serial number	Scheduled maintenance intervals
		12 months

Item	Assembly		Settings & functions		Damage & deformation		Screw connections	
			without defects	with defects	without defects	with defects	without defects	with defects
1	Frame	Base frame	☐	☐	☐	☐	☐	☐
		Transport castors and parking brake (optional)	☐	☐	☐	☐	☐	☐
		Feet	☐	☐	☐	☐	☐	☐
		Wall and furniture protection	☐	☐	☐	☐	☐	☐
		Clamping and fastening elements	☐	☐	☐	☐	☐	☐
		Multi base frame (optional)	☐	☐	☐	☐	☐	☐
		Centre column (table column)	☐	☐	☐	☐	☐	☐
2	Foot area	Footplate	☐	☐	☐	☐	☐	☐
		Foot shells (optional)*	☐	☐	☐	☐	☐	☐
		Foot straps (optional)*	☐	☐	☐	☐	☐	☐
		Clamping and fastening elements	☐	☐	☐	☐	☐	☐
3	Knee area*	Knee pads Standard/Anatomical	☐	☐	☐	☐	☐	☐
		Knee pad holders	☐	☐	☐	☐	☐	☐
		Knee pad padding and covers	☐	☐	☐	☐	☐	☐
		Clamping and fastening elements	☐	☐	☐	☐	☐	☐
4	Pelvic area	Pelvic pads*	☐	☐	☐	☐	☐	☐
		- Brackets	☐	☐	☐	☐	☐	☐
		- Upholstery and covers	☐	☐	☐	☐	☐	☐
		- Fastening/clamping elements	☐	☐	☐	☐	☐	☐
		Swivel arm sink frame						
		- Brackets	☐	☐	☐	☐	☐	☐
		- Upholstery and covers	☐	☐	☐	☐	☐	☐
		- Fastening/clamping elements	☐	☐	☐	☐	☐	☐
		Pillar						
		- Brackets / mounts	☐	☐	☐	☐	☐	☐
		- Fastening/clamping elements	☐	☐	☐	☐	☐	☐

8. Maintenance and inspection

Item	Assembly		Settings & functions		Damage & deformation		Screw connections	
			without defects	with defects	without defects	with defects	without defects	with defects
5	Thoracic area	Chest pad (sternum; curved shape, made to measure)						
		- Brackets	☐	☐	☐	☐	☐	☐
		- Pads and covers	☐	☐	☐	☐	☐	☐
		- Fastening/clamping elements	☐	☐	☐	☐	☐	☐
6	Back area	Back pad						
		- Brackets	☐	☐	☐	☐	☐	☐
		- Pads and covers	☐	☐	☐	☐	☐	☐
		- Fastening/clamping elements	☐	☐	☐	☐	☐	☐
		Headrests (optional)						
		- Brackets	☐	☐	☐	☐	☐	☐
		- Pads and covers	☐	☐	☐	☐	☐	☐
		- Fastening/clamping elements	☐	☐	☐	☐	☐	☐
7	Table area	Table area / armrests						
		- Brackets	☐	☐	☐	☐	☐	☐
		- Fastening eyelets (optional)**	☐	☐	☐	☐	☐	☐
		- Table mount with depth adjustment	☐	☐	☐	☐	☐	☐
		- Wooden parts	☐	☐	☐	☐	☐	☐
		- Fastening/clamping elements	☐	☐	☐	☐	☐	☐

(**) – only for the Heidelberg Jumbo standing frame for standing orthoses

Notes for any repairs and further maintenance:

You can also find an interactive inspection plan that you can fill out yourself in the download area of our website.

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9. Reuse and patient change

⚠ **DANGER Before each reuse, the product should undergo a thorough inspection in accordance with the inspection plan in the 'Inspection Plan' chapter and be cleaned in accordance with the 'Cleaning and Disinfection' chapter!**

⚠ **DANGER Ensure that the stickers on the product are not damaged during reprocessing! The safety information must be available and clearly legible!**

⚠ **DANGER The service provider is responsible for ensuring that the user has the instructions for use and the necessary knowledge to use the product!**

⚠ **DANGER The individual needs and clinical pictures of patients must always be taken into account!**

⚠ **DANGER The usage time must not exceed the specified service life! Continued use after the end of the service life can only be approved after a thorough inspection by the manufacturer/distributor!**

9.1 Reuse

The Heidelberg Upright Stander Jumbo(hip-knee-ankle-foot orthosis) is generally suitable for reuse (e.g. after storage or transport), although products are subject to particular stress when reused.

The operator/service provider is responsible for ensuring that the device is in perfect condition and has been properly prepared before reuse.

When reusing the product, it is important that all documentation belonging to the device (such as instructions for use, delivery note, inspection plans, etc.) is available.

If the product is passed on to other operators, all documentation belonging to the device must be handed over to the next user.

The device may only be transferred to other operators if the labels (manufacturer's and safety instructions) on the device are undamaged. The information on the device type and date of manufacture must be clearly legible for the new user.

When reusing the device, all upholstery (padded parts) must be replaced!

It is recommended that the textile covers and straps be replaced. See the chapter 'Cleaning and disinfection' and observe the relevant instructions!

9.2 Changing patients

The user is responsible for changing patients safely and for the necessary preparation. If you encounter any problems, please contact your service provider/dealer!

The Heidelberg Upright Stander Jumbo(hip-knee-ankle-foot orthosis) is generally suitable for changing patients. Configurations with imitation leather covers are recommended.

All surfaces that come into contact with the patient must be cleaned and disinfected!

It is recommended that the textile covers and straps be replaced. See the chapter 'Cleaning and disinfection' and observe the relevant instructions!

10. Technical data

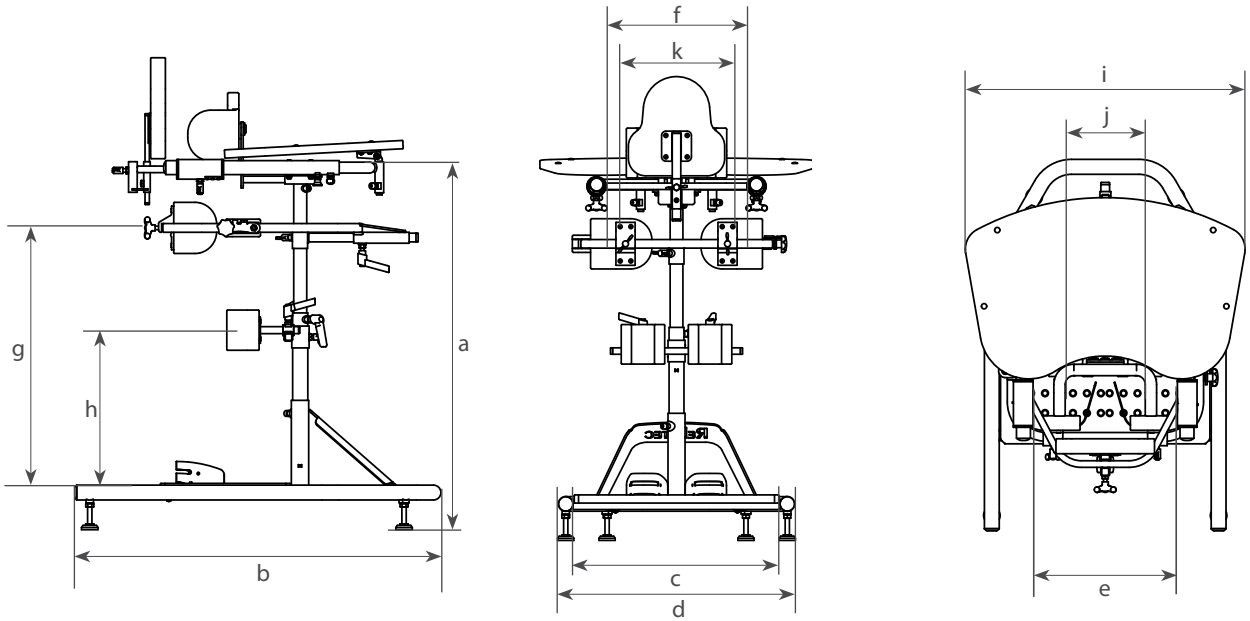
10.1 Mechanical data

„Heidelberg Upright Stander Jumbo(hip-knee-ankle-foot orthosis)

Operating environment		
Operating temperature	+15 °C to +35 °C	
Humidity	30% to 70% (non-condensing)	
Storage and transport environment		
Temperature	-10 °C to +45 °C (+10 °C to +25 °C	
Humidity	20% to 80% (non-condensing)	
Functional data		
Max. patient weight	Size 1	40 kg
	Size 2	60 kg
Weight		
Total weight (for basic equipment)	Size 1	23,5 kg
	Size 2	27 kg
Transport dimensions		
[Width]x[Length]x[Height] (for basic equipment)	Size 1	64 cm x 73 cmx 58 cm
	Size 2	73 cm x 97 cm x 81 cm
Service		
Maintenance	See chapter ‘Service and maintenance’	

upright standers Jumbo size. 1 and size. 2

dimensional tolerances ±3%



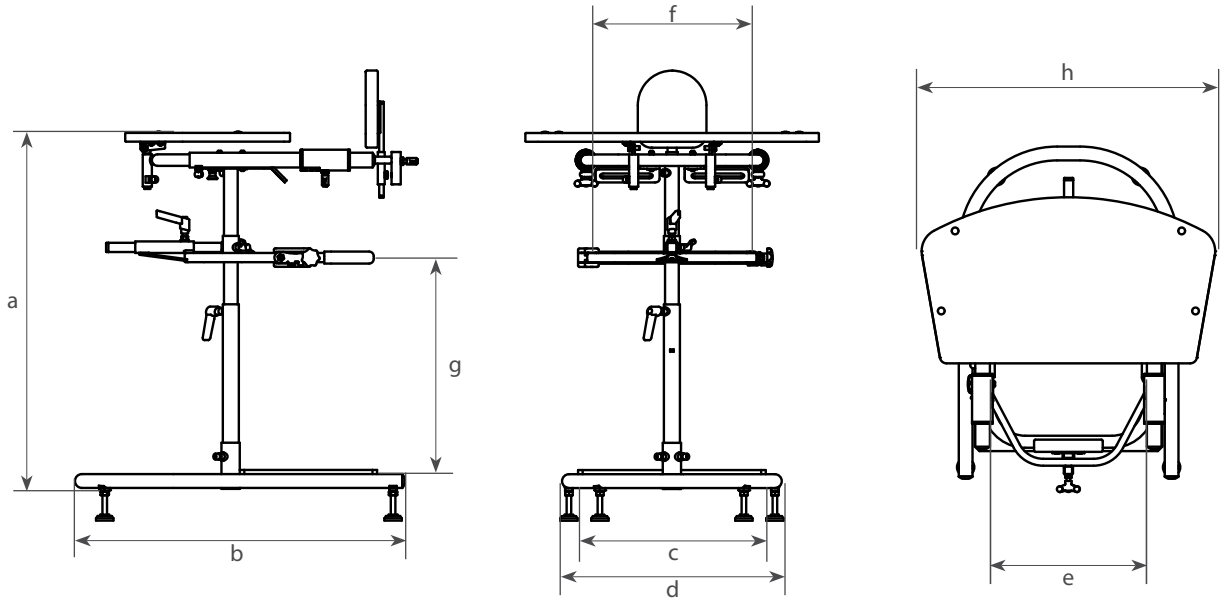
Model dimensions	Size 1	Size 2
a Table height (min – max) [1]	35 – 65 cm	60 – 80 cm
b Base frame length (standard)	72 cm	84,5 cm
Base frame length multi		100 cm
c Base frame inner width	42 cm	48,5 cm
d Base frame outer width	48 cm	55,5 cm
Base frame multi outer width		57,5 cm
e Table mount inner width	34 cm	34 cm
f Swivel arm basin frame inner width	33 cm	41 cm
g Swivel arm basin frame minimum height [1]	28 cm	44 cm
Standard length of centre columns (maximum dimension)	40 cm	40 cm
Standard length of table columns (maximum dimension)	40 cm	40 cm
Multi base frame maximum angle	20°	20°
Maximum user weight	40 kg	60 kg
Entry height [2]	11 cm	11 cm
Knee pads inner width	6 – 13 cm	6 – 13 cm
h Minimum knee pad height	12 cm	23 cm
i Table width	64 cm	64 cm
j Chest width [3]	16 – 28 cm	16 – 28 cm
k Pelvis width [3]	15 – 22 cm	15 – 34,5 cm

[1] When the centre column is set 5 cm lower than the bracket | [2] measured with 75 mm transport rollers | [3] available in different designs

10. Technical data

Heidelberg upright standers Jumbo for hip-knee-ankle-foot orthosis Size. 1 und Size. 2

dimensional tolerances ±3%



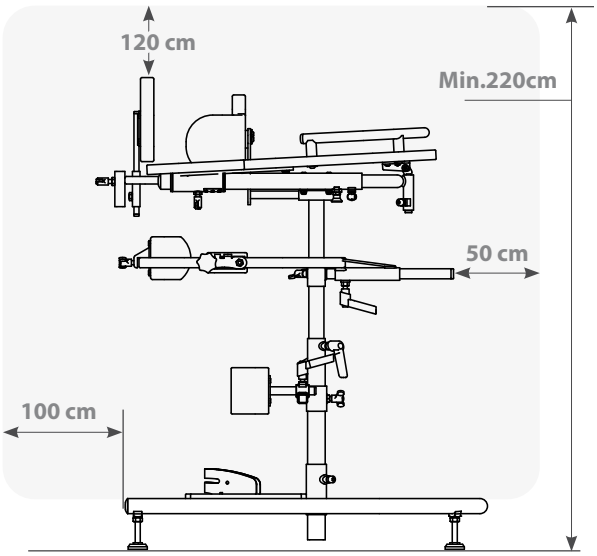
Model dimensions	Size 1	Size 2
a Table height (min – max) [1]	35 – 65 cm	60 – 80 cm
b Base frame length (standard)	72 cm	84,5 cm
Base frame length (multi)		100 cm
c Base frame inner width	42 cm	48,5 cm
d Base frame outer width (standard)	48 cm	55,5 cm
Base frame outer width (multi)		57,5 cm
e Table mount inner width	34 cm	34 cm
f Swivel arm basin frame inner width	33 cm	41 cm
Standard length of centre columns (maximum dimension)	33 cm	41 cm
g Swivel arm basin frame minimum height [1]	28cm	44 cm
Standard length of centre columns (maximum dimension)	40 cm	40 cm
Standard length of table columns (maximum dimension)	40 cm	40 cm
Multi base maximum angle	20 °	20 °
Maximum user weight	40 kg	60 kg
Entry height [2]	11 cm	11 cm
h Table width	64 cm	64 cm

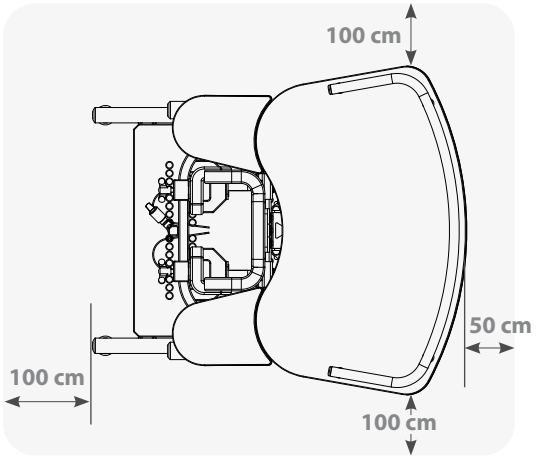
[1] If the centre column is set 5 cm lower than the bracket
[2] measured with 75 mm transport rollers

10.2 Minimum clearance around the patient

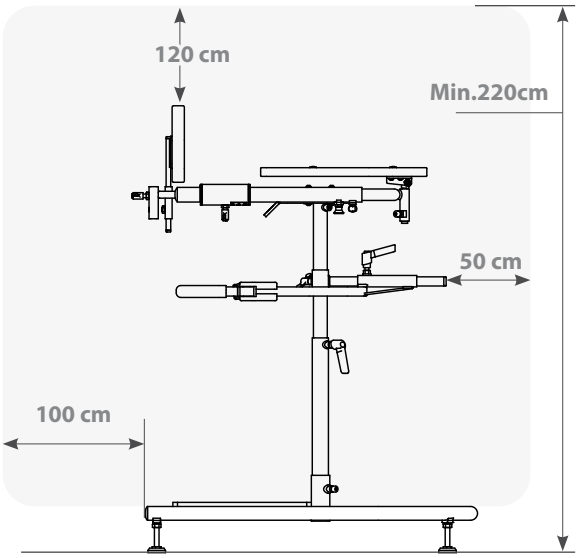
The areas marked in grey are the required free spaces necessary for a safe patient environment and convenient operation of the device.

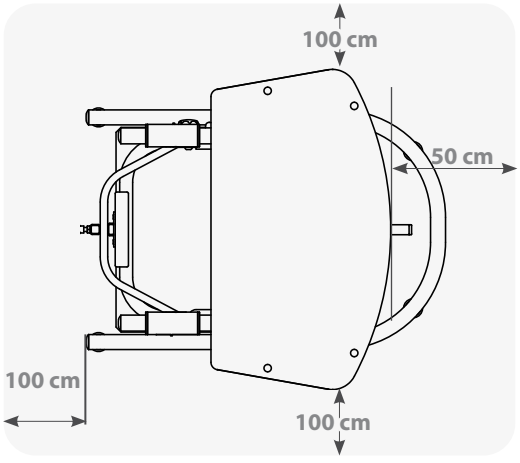
Heidelberg upright standers Jumbo





Jumbo for hip-knee-ankle-foot orthosis

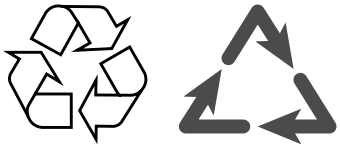




11. Disposal

The Heidelberg ***Upright Stander Jumbo(hip-knee-ankle-foot orthosis)*** must be disposed of properly. Please contact your specialist dealer for assistance.

Packaging materials must be separated according to waste type and disposed of in the waste containers in accordance with the municipal recycling concept. Waste disposal may vary from municipality to municipality. The product consists of recyclable steel and aluminium alloys, European wood types and plastic. For proper disposal, please contact your local waste disposal authority (recycling centre) or the administration of your place of residence if necessary.



Observe the disposal regulations of your country.
The operator must ensure that all components to be disposed of are not infectious/contaminated.
Outside Europe, the relevant laws and regulations of the respective country must be observed.

The product must not be disposed of with household waste.

12. Warranty

Warranty services relate to product defects that can be proven to be due to material or manufacturing faults.
For the ***Upright Stander Jumbo(hip-knee-ankle-foot orthosis)***, we provide a 2-year warranty from the date of delivery on the frame parts (wood). Any defects will be repaired free of charge by ***Rehatec® GmbH.*** Upholstery and castors are excluded from the warranty.
Rehatec® GmbH cannot accept any further warranty or liability for damage resulting from:

- the use of non-original replacement parts and accessories or those not approved by ***Rehatec® GmbH***
- changes or modifications to the product without the approval of ***Rehatec® GmbH***
- changes or modifications to the product without the approval of ***Rehatec® GmbH***
- natural wear and tear or excessive strain improper use or violent damage
- failure to observe the instructions for use accidental damage
- repairs or modifications carried out by untrained persons or persons not authorised by ***Rehatec® GmbH***

The warranty shall be void in the event of design modifications without the written consent of Rehatec® GmbH.

Defective or replaced parts are the property of Rehatec® GmbH. Defective or replaced parts are the property of Rehatec® GmbH.

The warranty does not cover accidental damage.

The warranty applies to new devices.

notes

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notes

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REHATEC®

warranty card

You have purchased a high-quality product from ***Rehatec® GmbH.***

The Rehatec® product described below is of impeccable quality and functional design. ***Rehatec® GmbH*** undertakes to repair any damage resulting from material defects free of charge within the two-year warranty period from the date of purchase.

The only items excluded from the warranty are electrical components, upholstery, wooden parts, fabrics, castors, gas springs, Bowden cables, grid segments and tooth segments.

Heidelberg upright standers Jumbo
Heidelberg upright standers Jumbo for hip-knee-ankle-foot orthosis

Model name

Serial number

Date of purchase

Dealer's stamp and signature

REHATEC®

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