madita-fun.

Instructions for use.

madita-fun. The integrative therapy chair.

schuchmann®

Many thanks.

Dear Customer

At this point we would like to thank you for placing your trust in our company and for purchasing our product. We ask you to read through the Instructions for use carefully prior to initial commissioning of the product, and to observe them. Please note that guidelines and representations in these Instructions for use may deviate from your product due to differing equipment. We reserve the right to make technical modifications.

Important information!

Ensure that these Instructions for use remain with the product.

Your **schuchmann** Team

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1. Preparation.

1.1 Delivery

On receiving the product, please check it for completeness, lack of faults and any transport damage. Inspect the goods in the presence of your forwarder. Should transport damage have occurred, please arrange for an inventory (determination of the faults) to be made in the presence of the forwarder. Please send a complaint in writing to the specialist dealer responsible.

1.2 Safety measures prior to use

The correct use of the product requires detailed and thorough instruction of the user or the accompanying person. We ask you to read through the Instructions for use carefully prior to initial commissioning of the product, and to observe them. It is possible that product parts that get in contact with the skin may heat up in the sun. Depending on the duration and intensity of solar radiation, the surfaces of individual parts can heat up to over 41°C and thus lead to slight burns in the event of direct skin contact. Therefore cover these areas or protect the device from direct sunlight.

1.3 Safe disposal

In order to preserve and protect the environment, to prevent environmental pollution and to improve the recycling of raw materials, please note the disposal instructions in **points 1.3.1** and **1.3.2.**

1.3.1 Packaging

The packaging of the product should be kept for any future transport that might be required. Should you have to return the product for repairs or in case of a guarantee claim, please if possible use the original box so that the product is optimally packaged. Otherwise, separate the packaging materials for recycling according to their classification.

Do not leave packaging materials unattended, as they are a possible source of danger.

1.3.2 Product

At the end of the product life cycle, recycle the raw materials used in the product according to their nature (see material information under **point 2.1**).

1. Preparation.

1.4 Where to store the instructions for use

Please store these Instructions for use carefully and ensure that these instructions for use remain with the product in case of re-use. Should you lose the instructions, you can always download an updated version at www.schuchmann.de .

2. Product description.

2.1 Material information

The base frame and the individual elements are made of steel and aluminium which are non-corroding and powder-coated. The covers are made of 100% polyester and are flame resistant (according to DIN EN 1021-1+2).

2.2 Symbol descriptions

Symbol	Description
	Observe instructions for use (according to ISO 7010)
	Read the instructions for use (according to ISO 15223-1)
	This is a medical device.
	Product complies with MDR requirements
	Manufacturer of the medical device
	Date of manufacture of the medical device
	Warning of pinch points

2. Product description.

2.3 Handling / transport

The therapy chair is not designed to be carried, as it is fitted with castors. Should you have to carry the equipment due to obstacles, ensure that all moving parts are tightened. Then position yourself next to the therapy chair, grip it at the front and rear under the seat unit and carry it to the required location. To transport the therapy chair, reduce all adjustments to their most compact size (fold up foot support, set lowest seat height etc.).

Tighten all moving parts prior to carrying!

The user must not be in the therapy chair while it is being transported!

2.4 Application areas, use according to the intended purpose

The **madita.fun** therapy chair which grows with the child, is a medical product of risk class 1 and designed for use at home, in nurseries and at school. It can be used for all ages from early childhood to teenage years. Individually adjustable seat dimensions and supporting pelotte pads allow a stable and upright sitting position. Any other use or use over and above this purpose shall be considered not in accordance with the intended purpose.

2.4.1 Indications

The **madita-fun.** therapy chair is designed for children and youths who cannot sit or stand unaided however whose limited torso posture does not require permanent sitting in a seat pan.
This includes impaired sitting with functional and/or structural damage to the torso or the torso and, if applicable, the cervical muscles (e.g. due to neurological/neuromuscular disorders, deformations of the spine) with poor posture.

2.4.2 Contraindications

In general, the indication should be accompanied by a doctor/orthopaedist. It should therefore be clarified prior to procurement whether contraindications exist for the user. In general, any type of pain represents a contraindication.

2.5 Use not in accordance with the intended purpose / warning guidelines

- Please read out the Instructions for use for users suffering from a visual or reading impairment, so that they can use the therapy chair safely.
- Ensure that the product is not used by several users at the same time.
- Only use the therapy chair on an even and solid surface.
- To use the therapy chair outdoors, use the optionally available combination base.

- Do not use the therapy chair to transport the user **in vehicles.**
- In order to guarantee safe lifting when transporting the therapy chair, stand at the side of the therapy chair and grasp the front and back of the seat surface. Here all movable parts should be tightened.
- Never leave the user seated in the therapy chair without supervision.
- Correct use of the therapy chair requires precise and thorough instruction of the user or the accompanying person.
- The max. load (see **Point** 6) may not be exceeded.
- Do not use the therapy chair if it has defective, worn or missing parts.
- For reasons of fire safety, the therapy chair may not be placed close to an open fire or any other strong source of heat such as electric or gas heaters.
- Only use accessories and replacement parts from Schuchmann to avoid compromising user safety. An exception is the use of restraint belts from other manufacturers (see **Point 4.14**), as well as the use of a headrest from other manufacturers in combination with the universal headrest adapter, where applicable.
- Only use the therapy chair if all components have been correctly mounted and adjusted.
- Please ensure that none of the user's or accompanying person's extremities are in the respective area when making adjustments of any kind to minimise the risk of injury.

2.5.1 Warnings – Electrical Components

- Persons who do not have the necessary experience or sufficient knowledge of the motor components must not use them.
- Persons with physical or mental disabilities must not use the motor components unless they are supervised or have received thorough instruction on their use from a person responsible for their safety.
- Children must be supervised to ensure that they do not play with the motor components.
- Anyone connecting, assembling, or using the system must have access to these instructions for use.
- The motor components must not be used in the presence of flammable or anesthetic mixtures with air, oxygen, or nitrous oxides.
- Do not use chemicals, and carry out an annual inspection for damage and wear.
- Do not expose the drive system components to UV disinfection lamps. This may cause damage to the housing, support parts, and cables.
- If defects are detected, the product must be replaced.
- The duty cycle printed on the drive system label must always be observed. Exceeding it may result in damage to the drive system.
- The systems must not be exposed directly to the jet of a high-pressure cleaner.

2. Product description.

- Connection cables must remain plugged in during cleaning to prevent water ingress.
- Cleaning with a steam cleaner is not permitted.
- No modifications may be made to the electrical or mechanical components beyond the settings described here. In the event of repairs, please contact your specialist dealer (see **section 8.4**).
- If the product is visibly damaged, it must not be put into operation. If the drive system produces unusual noises or odors, disconnect the power supply immediately.
- Regardless of the weight, the duty cycle specified in the data sheet must not be exceeded.
- The control unit may only be connected to the voltage specified on the label.
- Mounting screws and bolts must be properly tightened.
- The specifications stated on the label must not be exceeded under any circumstances.
- Use the drive only within the specified load range.
- If irregularities occur, the motor must be replaced.
- When the system/equipment is not in use: disconnect the power supply or unplug the mains plug to prevent unintended operation.
- Check for malfunctions, mechanical damage, wear, and cracks. Worn parts must be replaced.
- The product is classified as ME equipment of electrical protection class II according to IEC 60601-1.
- The product is intended for use in a domestic environment only.
- It is recommended to inspect the hand control and cables for damage and cracks that may result from improper handling before cleaning or at least once a year.
- Clean the hand control regularly to maintain a high standard of hygiene. Do not immerse the hand control in water.
- Do not sit or lie on the hand control. This may cause unintended movement of the application.
- Inspect the actuator at least once a year for wear and noise.

2.5.2 Safety Instructions for the Battery

- Unintentional activation of the emergency stop button, e.g. briefly activating and deactivating the emergency stop button after operating the actuators, may result in an incorrect display of the remaining battery capacity. However, the battery capacity will be displayed correctly approximately 20 seconds after activation of the emergency stop button.
- The battery housing must not be opened, disassembled, or modified, as damage to the cells or circuitry may cause excessive heat generation.
- Discontinue use of the battery immediately if the battery emits an unu-

sual odor, becomes hot, changes color or shape, shows signs of damage or corrosion, or otherwise appears abnormal.
- If the battery becomes hot, disconnect it and remove it from the room. If it is not possible to remove the battery, evacuate the room.
- For safety reasons, please observe the specified charging, storage, and operating temperatures, as extreme temperatures (low or high) may ignite the batteries and cause a fire.
- Recharge the batteries at least every 12 months.
- Only use the supplied charger to charge the battery.
- The battery is not intended for outdoor use, use in swimming pools, or other harsh environments.
- Recharge the battery before storage if it has been fully discharged.
- Defective or damaged lithium-ion batteries are not permitted for transport.
- Before use, the battery should be at room temperature.
- Dispose of batteries in accordance with local regulations.

2.6 Equipment for basic model

- Incl. armrests, foot support with elongated holes for the harness, push handle, standard seat pad with cover
- Height adjustment via gas pressure spring 1200 N
- 4 castors (75 mm), of these 2 with locking devices
- Adjustment options: Seat angle (via gas pressure spring 500N), back angle, seat depth and seat width, angle, height and width-adjustable armrests, height-adjustable backrest, foldable foot support, adjustable knee angle, foot angle and height

2. Product description.

2.7 List of accessories

- Headrest
- removable and active back
- Thorax pelotte pads (also foldable)
- Thigh and upper arm guide
- Adjustable pelvic guide
- Therapy table
- Knee abduction wedge
- Wheel base extension
- Strap assembly kit for the seat and back area
- Incontinence coating
- Positioning aids
- Locking brake
- Calf support
- hydr. and electr. height adjustment
- Anti-tip mechanism
- Individual footrests
- Foot pan, bench pad, support pad

2.8 Product overview

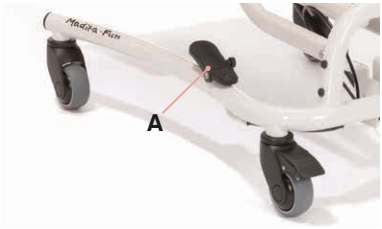
The Fig. below is intended to show you the designation of the most important components as well as the terms which you will find in these Instructions for use.

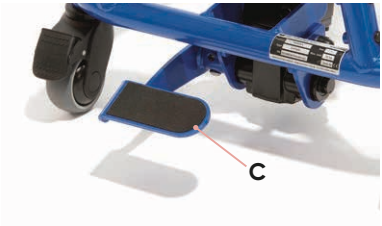
3. Settings.

Settings and adjustments to the product or accessories may only be made by people who have been given the necessary instructions by a medical product advisor. Please ensure that none of the user's extremities are in the respective area when making adjustments of any kind to minimise the risk of injury. All adjustments can be made with standard tools (e.g. Allen key, screwdriver or spanner).

3.1 Seat height

The seat height is adjusted using a gas pressure spring. In order to adjust the seat height upwards, the foot pedal (**A**) on the base frame is actuated. By pressing it lightly, the seat unit slides upwards. Lowering is achieved through pressure from above onto the seat whilst at the same time operating the foot pedal. The gas pressure spring serves merely to assist with adjustment of the height. The foot pedal can be secured against inadvertent operation with the spring pin (**B**) (located on the inside of the foot pedal). To do this, turn the spring pin until it engages. If necessary, assist engagement by moving the foot pedal gently. The locking effect is cancelled by pulling out the spring pin and turning it a quarter turn. Alternatively, the seat height can be adjusted using the hydraulic height adjustment. In order to bring the therapy chair up, pump the pedal (**C**) until the chair reaches the required height. In order to lower the therapy chair, place a foot under the pedal (**C**) and press it upwards.



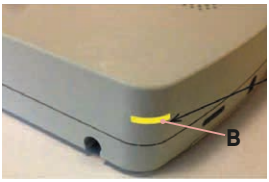


Ensure that, during setting / adjustment of the seat height, no body parts (feet) are trapped in the area of the setting / adjustment mechanism (between the floor and the footrest of the therapy chair) in order to avoid injuries

3.1.1 Electric seat height adjustment

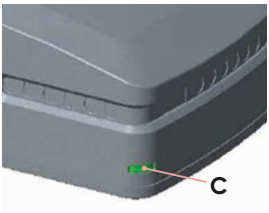
Electrical height adjustment is also possible. This is operated with the existing remote operation (**A**). Press the arrow key downwards in order to adjust the seat height downwards and upwards in order to adjust the seat height upwards.

Battery LED Indicator	
LED Color (C)	**Status Indicator**
Solid yellow	Charging
LED off	Fully charged
Flashing yellow	Charging error



Summer-Funktion:
Der Summer gibt eine Warnung aus, wenn eine Taste auf der Handbedienung gedrückt wird und die Akkukapazität niedrig ist. Der Summer kann auch über die Steuereinheit aktiviert werden, um andere Zustände zu signalisieren. Dies muss in der Software der Steuereinheit angegeben werden.

Control LED Indicator (connected to power supply)	
LED Color (D)	**Status Indicator**
Green	**Connected to power, but not in operation.** The system is functioning properly and is ready for normal operation.
Yellow	**Connected to power, but not in operation.** The system is malfunctioning and should not be operated.
Yellow	**Connected to power and in operation.** The system is functioning properly.



Control LED Display (disconnected from mains, operating on battery backup	
LED Color (A)	**Status Indicator**
Orange	**Operating on battery power.** The system is functioning properly.
No LED	**Battery-powered but not in operation,** or control unit not connected to the power supply.

In case of problems with the control unit, please contact a qualified dealer. If necessary, the unit may need to be returned to the manufacturer. Once the housing is opened, the LINAK label will be damaged, which will automatically void the 2-year warranty.

Fully charge the battery before first use. If the battery has been fully discharged, recharge it before storage.

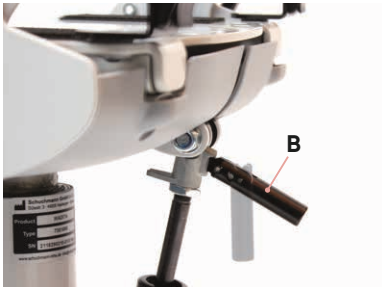
3. Settings.

Observe the battery‘s storage temperature, as failure to do so may reduce its lifespan and performance. Allow the battery to cool to room temperature before use or charging.

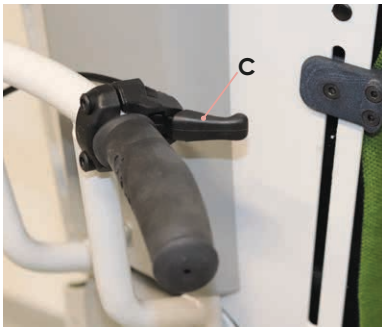
Observe the maximum operating time, as failure to do so may reduce the battery’s lifespan and performance.

3.2 Seat angle

The lever for the seat angle adjustment is equipped with a child lock. There are two options for adjusting the angle of the seat unit.



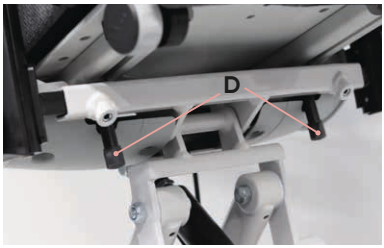
With the first option, the hand trigger (**B**) at the rear below the seat pan holder must be actuated. This is pushed horizontally into each other until it clicks into place. The seat unit can now be adjusted in an active or passive position.



With the second option, the small hand release on the back of the push handle (**B**) is actuated. The hand release is held down and now the seat unit can also be adjusted to the active or passive position.

3.3 Seat depth

To adjust the seat depth, loosen the two wing screws (**D**) under the seat unit. Then the seat surface can be moved continuously forwards or backwards.



After each adjustment, please retighten all screw connections!

3. Settings.

3.4 Back inclination

The back can be adjusted to the correct angle after loosening of the clamping lever (**A**) on the right-hand side of the seat unit.

Ensure that, during setting / adjustment of the back inclination, no body parts are trapped in the area of the setting / adjustment mechanism in order to avoid injuries.

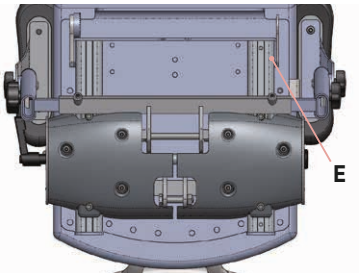
3.5 Back height

Loosen the screw (**B**) with an Allen key (M8) at the rear and bring the back into the desired height. Then tighten the screw (**B**) again.

3.6 Armrests

The armrests can be adjusted in angle, height and width. The angular adjustment can take place after loosening the twist grip (**C**). The height can be adjusted through loosening the twist grip (**D**). Re-tighten the respective twist grip.

The width adjustment takes place after loosening the two screws (**E**), which are located on the underside of the seat unit.

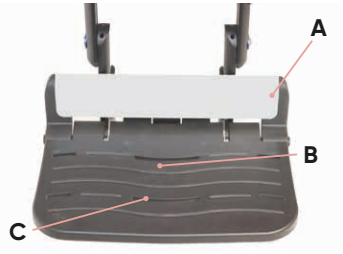


Tighten the screws and twist grip again after each adjustment!

3. Settings.

3.7 Foot support

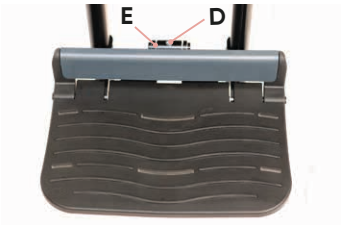
The basic model of the **madita-fun.** therapy chair already includes a foot support (**A**). It folds up, has a non-slip surface (**B**) and has 6 slits (**C**) to attach harnesses such as foot cuffs or foot positioning aids. There are also two additional foot support models.



3.7.1 Foot support with angle adjustment

By loosening the screw (**D**) the angle of the foot support can be adjusted.

By pressing the swivel lever (**E**) backwards, the foot support is unlocked and can be folded up or down. Pay attention to the click sound when folding up and down.

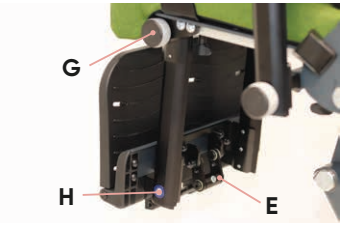


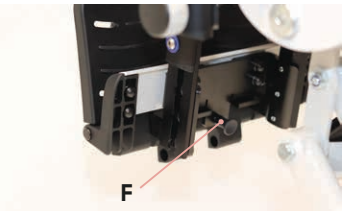
3.7.2 Foot support with locking device

Another way to raise or lower the foot support is to pull the pull-catch (**F**). This releases the foot support and allows it to be folded up.

Ensure that, during setting / adjustment of the foot support, no body parts are trapped in the area of the setting / adjustment mechanism in order to avoid injuries.

In order to adjust the knee angle, loosen the twist grip (**G**) under the seat surface, bring the foot support into the required position and re-tighten the twist grip (**D**).





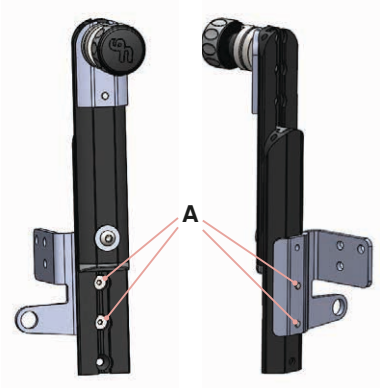
For continuous height adjustment, loosen the two screws (**H**) on both sides of the foot support, bring the foot support into the required position and re-tighten the screws (**H**).

Tighten the twist grips and the screws again after each adjustment!

3. Settings.

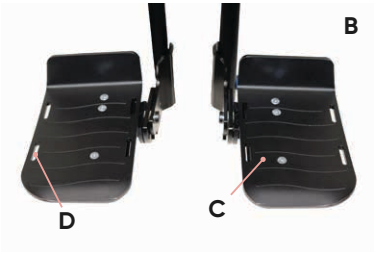
3.7.3 Fitting the foot support bracket

By repositioning the screws, you can achieve the shorter adjustment range for the lower leg length. To do this, loosen the 6 screws on the foot support bracket – three on each side – and move the bracket up by one screw hole. Then refit two screws (**A**) on each side and tighten them securely. This will give you the shorter lower-leg length, as specified in the size chart (see **point 6**).



3.8 Footrests

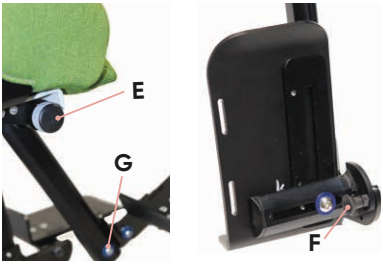
Optionally, **madita-fun.** can also be equipped with footrests (**B**). They have an anti-slip surface (**C**) and have 4 slits each (**D**) to mount straps such as foot cuffs or foot positioning aids.



To adjust the knee angle, please release the twist grips (**E**) below the seat surface on both sides. Now bring the footrests into the desired position and tighten the twist grips (**E**) again.

The footrests can be folded up, for example in order to facilitate climbing, by pulling the pull-catch under the footrest (**F**).

For continuous height adjustment, please loosen the screw (**G**) on each footrest, bring the footrest into the required position and re-tighten the screws (**G**).



Tighten the twist grips and the screws again after each adjustment!

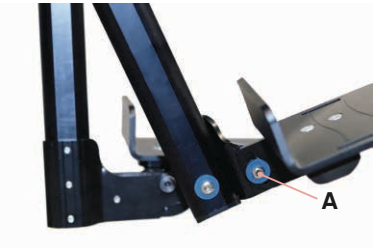
3. Settings.

3.8.1 Positioning of the footrests

For optimum positioning of the feet, the footrests can be adjusted independently of each other in width, angle and depth.

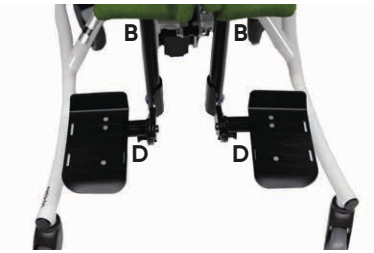
Foot angle

The foot angle (**A**) of the respective footrest can be adjusted from (-)15° to 15°. To achieve this, please screw the screws (**A**) under the footrests in or out, thus adjusting the required foot angle.



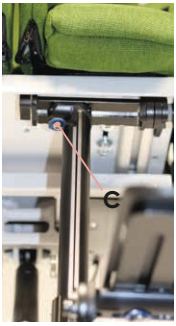
Width

The width can be set at two different points. To adjust the width (**B**), loosen the screws (**C**) on both footrests. Adjust the required width and tighten the screws again. To adjust the width (**D**), loosen the screws (**E**). Adjust the required width and tighten the screws (**E**) again.



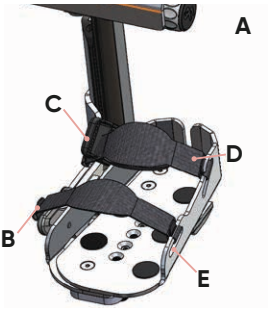
Angle / depth

In order to adjust the angle and the depth (**F**), please loosen the screws (**E**), bring the footrest into the required position and re-tighten the screws (**F**). In addition, additional width adjustments can also be made in this way (see **Point Width**).



After each adjustment, please retighten all screw connections!

3.9 Footrests with foot pans



Optionally, the footrests can also be equipped with foot pans (**A**). Here, as on the standard design, the knee angle can be adjusted, the foot pans folded up and the height adjusted (see **Point 3.8**). For optimum positioning of the feet, the footrests with foot pans can be adjusted independently of each other in width, angle and depth (see **Point 3.8.1**). In order to secure the user in the foot pan, the foot pans are equipped with straps. These can be closed using the magnetic locks. If you guide the strap end (**B**) in direction of the lock, it will engage automatically. To open the straps, press the button (**C**). For the length adjustment, the hook and loop closure of the strap (**D**) can be opened on both sides and adjusted in length. To close the strap in the forefoot area, guide it through the opening (**E**) and close the strap with hook and loop closure.

After each adjustment, please retighten all screw connections!

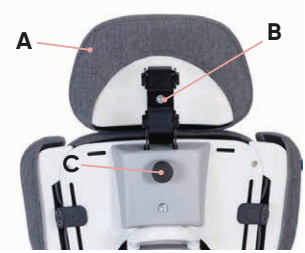
3.10 Castors

The therapy chair should always be prevented from rolling away inadvertently through braking of the 2 rear castors. To do this, press the brakes (**F**) down with the tip of your foot.

The brake serves merely to prevent inadvertent rolling away on level surfaces!

4. Accessories.

4.1 Headrest



All headrests can be removed as standard. The headrest (**A**) can be adjusted in height and depth.

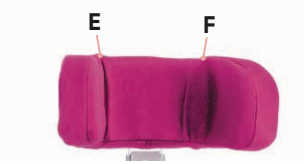
To adjust the depth, loosen the screw (**B**) and set the support to the required depth. Then tighten the screw (**B**) again.

The height of the head rest can be adjusted by loosening the twist grip (**C**). To do this, simply pull the headrest upwards until the desired height is reached. Then tighten the twist grip (**C**) again.

4.1.1 Headrest with angle-adjustable lateral guide

The headrest with angle-adjustable lateral guide (**D**) can be adjusted in height, depth and angle (see **Point 4.1**).

In addition, the angle of the lateral guides can be adjusted individually.
To adjust the lateral guide, loosen the hexagon socket screw (**E**+**F**) and bring the respective lateral guide into the desired position.



Tighten the screws and twist grip again after each adjustment!

Support the head of the user with one hand when you make an adjustment to the headrest during use!

4. Accessories.

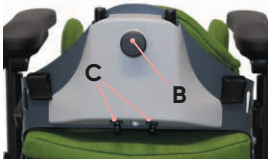
4.2 Removable back

The removable back can be operated at the rear of the therapy chair.

When using the release lever for seat angle adjustment on the push handle, first loosen the separable Bowden cable as shown in the photo series (**A**).

Loosen the twist grip (**B**), press the locking lever (**C**) together and then remove the back. Inserting the back works in the same way. Then tighten the twist grip (**B**) again and re-engage the Bowden cable (**A**).

Tighten the screws and twist grip again after each adjustment!



4.3 Conversion kit for combination sub-frame

When converting **madita-fun.** to a combination sub-frame, the plastic castors are replaced with 6" pneumatic wheels with steering forks and 12 ½" pneumatic drum braked wheels. The drum brakes work independent of air pressure. They are integrated into the wheel hubs and cannot be accessed. They provide the companion to the user the possibility of assisting with the braking action (in particular when driving down hills) and of locking the sub-frame. This is conducted through the two brake levers (**D**) which are mounted onto the push handle. The drum brakes are set by turning the setting screws in or out. They are located at the lower end of the brake cables in the brake saddle. Leave this work to your specialist dealer in case of any uncertainty.

Handling the wheels on the combination sub-frame

The following general rules apply:

High air pressure: Low rolling resistance / less suspension comfort

Low air pressure: Higher rolling resistance / more suspension comfort

4. Accessories.

4.4 Thorax pelotte pads

The thorax pelotte pads are individually adjustable in height and width.

To adjust the width, loosen the screws (**A**) and bring the thorax pelotte pads into the desired position. Then re-tighten the screws (**A**) again.

Proceed in the same way to set height using the screw (**B**). Undo the screw (**B**), bring the thorax pelotte pad into the desired position and tighten the screw (**B**) again.

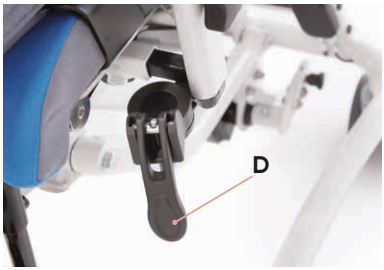
4.5 Foldable thorax pelotte pads

The foldable thorax pelotte pads can be folded to the sides. To do this, press the red pushbutton (**C**) on the side of the thorax pelotte pad over the joint, and swivel the pelotte pad away to the side.

When folding back, ensure that the thorax pelotte pad engages!

4.6 Parking brake

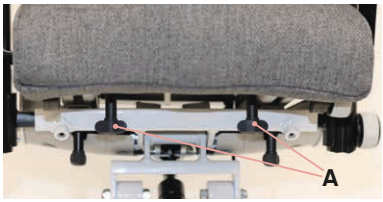
The parking brake can be used by the user themselves. If the lever (**D**) is pressed down, the brake is released. If the lever (**D**) is pointing upwards, the brake is applied.

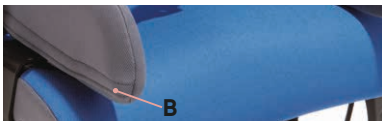


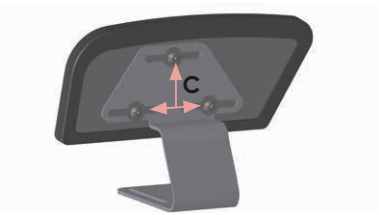
4. Accessories.

4.7 Thigh guide

The thigh guide pads are individually adjustable in height and depth. In order to adjust the width, loosen the two wing screws (**A**) under the seat area and bring the thigh guide pad into the required position. The depth adjustment is possible on any thigh guide except on the standard version for Size 0 with adjustable pelvic guide. To adjust the depth, please open the hook and loop closures (**B**), loosen the 3 pan head screws (**C**) using an Allen key and bring the pad into the desired position.





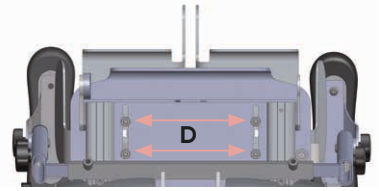


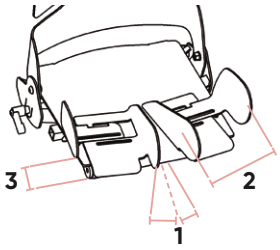
After each adjustment, please retighten all screw connections!

4.8 Abducting leg guides

The abducting leg guides permit the medically necessary abduction of the thighs and the compensation of a seat depth difference.

In order to adjust the leg guides, please loosen the nuts (**D**) below the seat surface, and bring the leg guides into the required position. You can easily adjust the abduction angle (**1**), the thigh width (**2**) and also the leg length compensation or seat depth difference (**3**) via the slotted holes whilst the user is sitting in the therapy chair.

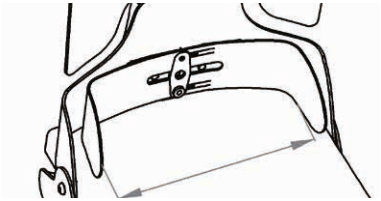


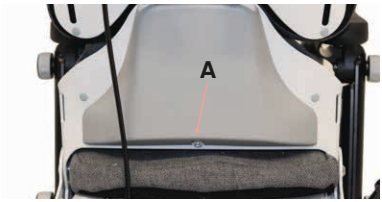


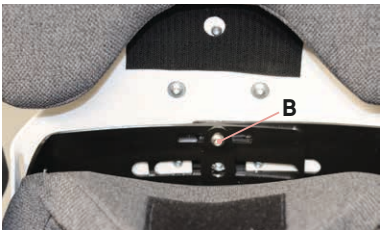
4. Accessories.

4.9 Adjustable pelvic guide

The adjustable pelvic guide can be adjusted in width, provides the user with a high level of security and positions the pelvis. At first, loosen the cylinder head screw (**A**) on the rear of the therapy chair at the bottom edge of the cover. Then push the front of the pad down slightly and loosen the hexagon socket screw (**B**). Now please position the user in the chair and bring the pelvic guide into the desired position. First tighten the cylinder head screw (**A**) again and only then lift out the user. Now you only need to tighten the hexagon socket screw (**B**) and then you can lift the user back into the chair.



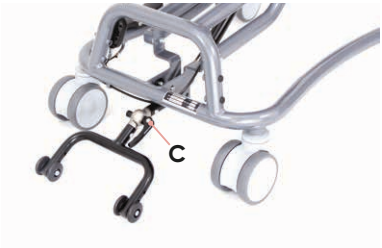




Tighten the screws again after each adjustment!

4.10 Anti-tip mechanism

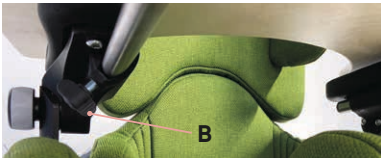
The anti-tip mechanism is adjustable in height. To adjust the height, open the lever (**C**), position the anti-tip mechanism to the required height and close the lever once more.



4. Accessories.

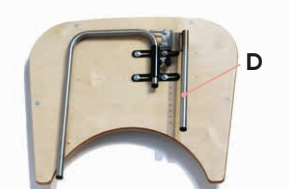
4.11 Fold-away therapy table

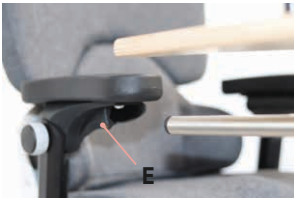
The standard therapy table (**A**) can be adjusted in height and depth. Height adjustment takes place via adjustment of the armrests (see **Point 3.6**). For adjustment of the depth, loosen the wing screw (**B**) and bring the therapy table into the required position. To fold away, pull the table slightly forward and swing the table upwards away from the side of the therapy chair. Use the Miniwing screw (**C**) to secure the therapy table against unintentionally folding up.



4.11.1 Fold-away therapy table with fold-up safety

The standard therapy table can be configured with the addition of "fold-up safety" (**D**). This table offers the advantage that the table cannot fold up unintentionally during use. Folding down is possible by pulling the table forward until the fold-up safety (**D**) on the right side is released (similar to **E**). Swivel the table upwards (**C**) and guide it at to the side of the therapy chair.





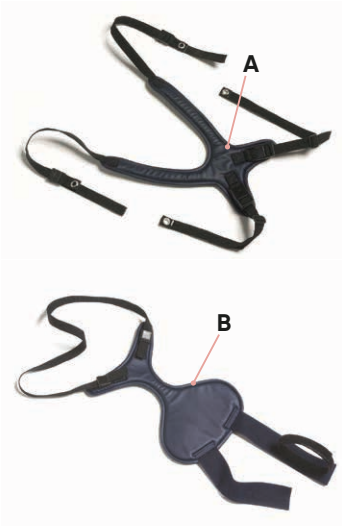
4.11.2 Plug-in therapy table

The plug-in therapy table (**F**) can be easily attached to the therapy chair (**E**). To do this, simply thread the long tube (**G**) first and then the short tube (**H**) into the fixture under the armrests. Folding down is not possible.

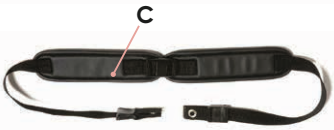
4. Accessories.

4.12 Harness

For **madita-fun.** a wide range of belts is available ensuring even better positioning of the user. The harness should be mounted using the strap assembly kits for the seat or back area.
You can choose between a chest-shoulder strap (**A**), a groin harness (standard) or a t-shaped groin harness (**B**), a pelvic harness (**C**) and a 4-point pelvic harness (**D**). The selection of available harness should be supported by an individual risk assessment. Our positioning aids are available in many different sizes. Further information can be found in our order form / adjustment form at **www.schuchmann.de/madita-fun**.

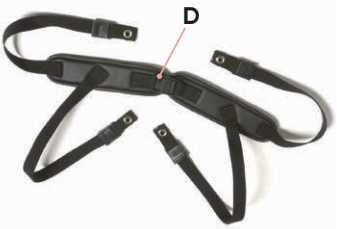


The chest-shoulder strap (**A**) is intended solely for stabilizing the upper body and aligning the shoulders.



The chest-shoulder strap is not a substitute for pelvic fixation!

The pelvis must always be secured separately – for example, with a pelvic harness (**C**), a t-shape groin harness (**B**), or another suitable pelvic positioning device. Without proper pelvic positioning, there is a risk that the child may slip downward.



Risk of strangulation! An incorrectly fitted or inadequately secured chest-shoulder strap can cause the child to slip into a dangerous position.

Ensure that all straps are properly positioned and checked regularly.
- Make sure the child is securely positioned in the seating system.
- Never leave the child unattended in the device.

If you are unsure about the correct use, please contact the manufacturer or a trained specialist.

4. Accessories.

4.13 Use of Restraint Systems from Other Manufacturers (Optional Accessory)

Suitable restraint belts from other manufacturers may also be used to secure the patient in the therapy chair. The use of such belts is subject to the following conditions:

- Only belt systems approved for medical use and patient restraint may be used (CE-marked, MDR-compliant).
- The belts must be mechanically and functionally compatible with the therapy chair. Attachment may only be made at the designated mounting points.
- Belt width: 25–40 mm
- Material: latex-free, resistant to disinfectants
- The manufacturer recommends securing restraint systems using the available restraint and mounting kit. Other mounting methods, such as loops or eyelets, must be verified by the distributor.

⚠ **Note: The suitability and safety of using belts other than those provided by the manufacturer are the responsibility of the operator. Safe use must be ensured through appropriate testing and instruction.**

4.14 Knee abduction wedge

The knee abduction wedge (**A**) must be mounted using a quick-release axle at the front of the seat plate. To do this, please press the knob on the quick-release axle, and the abduction wedge can easily be removed or inserted. When inserting the abduction wedge, you should be able to hear it engage with an audible "click".

4.15 Wheelbase extension

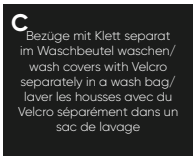
The wheel base extension cannot be adjusted! It is used purely to keep the product steady, in particular with large seat pans and extremely tilted seat angles to the rear.

5. Cleaning and maintaining.

5.1 Cleaning and disinfecting

5.1.1 Cleaning

Please clean all frame elements regularly with a sponge or damp cloth; making sure that water droplets are removed. Please clean with a mild household detergent for severer dirt. Thorough drying of the cleaned areas is important.
All fabrics that cannot be removed can be wiped with a moist cloth. For all removable fabrics please pay attention to the sewn-in care labels (such as **B** + **C**) on the respective element.
Please also pay attention to our general cleaning and hygiene advice.
This can be found at www.**schuchmann**.de/mediathek.



5.1.2 Disinfection

Various products can be used for surface disinfection of metal and plastic parts.
Liquid disinfectants are available as ready-to-use solutions that are sprayed on and evenly applied with a soft cloth. Alternatively, wipes pre-soaked with disinfectant can be used to wipe the products over the entire surface. In both cases, care must be taken to ensure complete wetting. Disinfection in fully automatic disinfection systems is also possible and recommended.
The exposure times may vary and can be found in the manufacturer's instructions for the products used.

5.2 Servicing

Please carry out a visual inspection on a daily basis and regularly check the product for cracks, breaks, missing parts and malfunctions. In case of a defect or malfunction, please contact the specialist dealer who supplied you with the product (see **Point 8.4**).

5.3 Maintenance

For reasons of user safety and to retain product liability, the product must be subjected to maintenance by a specialist dealer at least once a year (see **Point 8.4**). The maintenance work carried out must be documented in the maintenance plan (see **Point 5.3.2**).

5.3.1 Maintenance specifications

- Basic cleaning according to manufacturer instructions (see **Point 5.1.1**)
- If necessary, disinfection according to manufacturer instructions (see **Point 5.1.2**)

5. Cleaning and maintaining.

- Damages to the frame, mounting parts and accessories (cracks, breaks, corrosion, bent or missing parts)
- Strength of the connections (tighten loose screws, replace missing screws)
- Functionality of the adjustment elements (screws, release lever, foot pedal)
- Functionality of other adjustment elements (back, headrest, pelotte pads, armrests, footrests, table and guides in the leg area)
- Functionality of the gas pressure springs or hydraulics / electrical operator (if necessary readjustment of the Bowden cables)
- Functionality of the safety elements (anti-tilt)
- Correct mounting of the seat unit
- Functionality of brakes
- Functionality of the rollers (concentricity, smooth running)
- Check the harness for damage (clamping device, closures, seams)
- Check the pads and covers for damage
- Legibility of the type label
- Final complete functional check of the aid
- Check that all mounting parts and associated accessories are correctly fastened

5.3.2 Maintenance plan

Maintenance specifications of the manufacturer (see **Point 5.3.1**) were carried out:

Date	Company	Name	signature

Any defects or damage found must be repaired by the specialist dealer or the manufacturer before reuse.

5. Cleaning and maintaining.

5.4 Spare parts

Use only original accessories and original spare parts from Schuchmann, as otherwise the safety of the user is endangered and the warranty expires.
To order spare parts, please contact the supplying specialist dealer (see **point 8.4**) stating the serial number of the product. Necessary spare parts and accessories must only be installed by trained personnel.

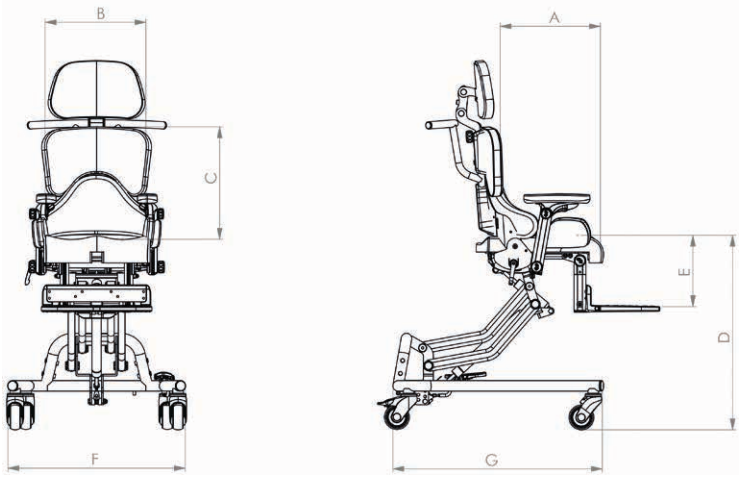
5.5 Duration of use and re-use

The expected duration of use of our product, dependent on the usage intensity and amount of re-use, totals up to "8" years if the usage takes place in accordance with the information in these Instructions for use. It may be possible to use the product over and above this time period if it is in a safe condition. The expected duration of use does not refer to wear parts, such as for example wheels, gas pressure springs,... . The maintenance and evaluation of the condition, and if applicable the potential for re-use, must be decided by the specialist dealer.
The product is suited for re-use. Prior to forwarding, please follow the cleaning and disinfection instructions stated in **Point 5.1**. Accompanying documents such as these Instructions for use are part of the product and must be passed on to the new user. No disassembly is required prior to re-use. In the case of storage, it is recommended to fold the product to the smallest dimension to save space.

Should a serious incident occur during the service life of the product despite being used as intended, this must be reported immediately to the manufacturer and the competent authority.

6. Technical data.

Dimensions



		Size 0	Size 1	Size 1 b	Size 2
A	Seat depth*	150 – 250 mm	210 – 300 mm	260 – 360 mm	300 – 420 mm
B	Seat width	160 – 260 mm	200 – 300 mm		280 – 380 mm
C	Back height with extra short back	320-350 mm	–	350 – 430 mm	–
C	Back height with short back	350 – 430 mm		420 – 520 mm	
C	Back height with long back	420 – 520 mm		530 – 630 mm	
C	Back height with active back	350 – 430 mm			420 – 520 mm
E	Sitzhöhe	250 – 620 mm			
	Seat height with electric height adjustment	320 – 620 mm			
	Seat height with hydraulic height adjustment	270 – 630 mm			
E	Lower leg length	150 – 250 mm	190 – 320 mm	270 – 490 mm	
f	Total width	540 mm		640 mm	
G	Length of base frame	610 mm		750 mm	
	Total length with combination sub-frame	760 mm		860 mm	
	Seat angle	(-)8° – 37°			
	Back angle	(-) 5° – 25°			
	max. load	30 kg		45 kg	50 kg
	Weight	19 kg	20 kg	22 kg	24 kg

* reduced by 1 cm with adjustable pelvic guide

6. Technical data.

6.1 Electrical components (for electric height adjustment)

Component Description
Lithium-ion battery
Control unit
Linear actuator
Hand control device

Hand control device	
Operating temperature	+5° C bis 40° C
Storage temperature	-10°C bis +50°C (recommended: +10 °C to +25 °C). Battery modules must be stored in a suitable storage area, protected from direct sunlight.
Relative humidity	20% to 80%
Air pressure	700 to 1060 hPa

Usage	
Duty cycle	10% or 2 minutes of continuous operation followed by 18 minutes of rest

Battery	
The battery communicates its charge status to the control unit. This allows status indication on the control unit and/or the hand control device.	
Lithium-ion technology	Nickel-Mangan-Kobalt-Oxid (NMC)
Output voltage	25,7 V DC
Maximum discharge current	10 A
Battery capacity	2,85 Ah/73,25 Wh
Protection class	IPX6 (Wasserschutz beim kurzzeitigen Untertauchen)
Charging	durch integriertes Ladegerät im Akku
Charging time	approx. 10 hours Charging during storage: Charge the battery no later than 12 months after the indicated production date (see label). After that, the battery must be recharged at least once every 12 months.

6. Technical data.

Control Unit
The maximum power is 120 W for 80 seconds and 60 W for 40 seconds at 25 °C.

Actuator	
Input voltage	24 V
Protection class	IPX6 (protected against short-term immersion in water)

Hand Control Device	
Protection class	IPX4 (splash water resistant) or IPX6 (protected against short-term immersion in water)

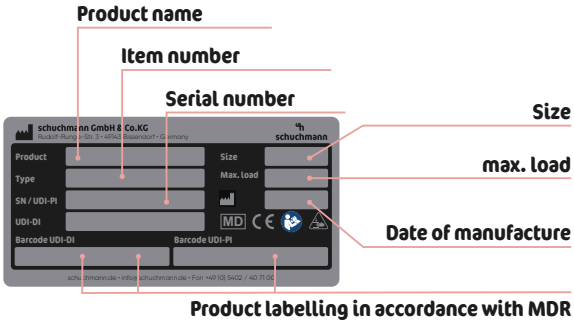
7. Guarantee.

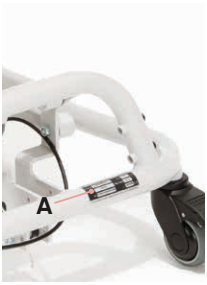
The two-year statutory guarantee period shall apply for all products. This begins with the delivery or handover of the goods. Should a verifiable material or manufacturing fault occur within this time period, we shall, after carriage paid return to us, view the indicated damage and, if applicable, either repair or deliver a new product at our discretion.

8. Identification.

8.1 Serial number / date of manufacture

The serial number, the date of manufacture and other information can be found on the type plate, which is located on all of our products (**A**).





8.2 Product version

The **madita-fun.** therapy chair is available in four sizes and can be supplemented through a diverse range of accessories (see **Point 4**).

8.3 Issue of the document

Instructions for use **madita-fun.** - Change status F; Issue 2026-09-17

8.4 Name and address of the manufacturer, specialist dealer supplying the product

This product was manufactured by:

Schuchmann GmbH & Co. KG
Rudolf-Runge-Str. 3 · 49143 Bissendorf · Germany
Phone +49 (0) 5402 / 40 71 00 · Fax +49 (0) 5402 / 40 71 109
info@schuchmann.de · www.schuchmann.de

This product has been delivered by the following specialist dealer:

Notes.

schuchmann.de

GA 79 – EN_6.0