

madita hd.



Instructions for use.

madita hd. The strong 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



1. Preparation.	05
1.1 Delivery.....	05
1.2 Safety measures prior to use.....	05
1.3 Safe disposal.....	05
1.3.1 Packaging.....	05
1.3.2 Product.....	05
1.4 Where to store the Instructions for use.....	05
2. Product description.	06
2.1 Material information	06
2.2 Handling / transport.....	06
2.3 Application areas, use according to the intended purpose	06
2.3.1 Indications	06
2.3.2 Contraindications	06
2.4 Use not in accordance with the intended purpose / warning guidelines.....	07
2.5 Equipment for basic model.....	07
2.6 List of accessories.....	08
2.7 Product overview	08
3. Settings.	09
3.1 Seat height.....	09
3.2 Seat angle	10
3.3 Seat depth	10
3.4 Back inclination.....	10
3.5 Back height.....	11
3.6 Armrests.....	11
3.7 Foot support	12
3.8 Castors	12
3.9 Weight.....	13
4. Accessories.	13
4.1 Headrest.....	13
4.1.1 Headrests with angle-adjustable lateral guide.....	14
4.2 Thorax pelotte pads.....	14
4.3 Thigh guide	14
4.4 Adjustable pelvic guide.....	15
4.5 Therapy table	15
4.6 Knee abduction wedge.....	16
4.7 Wheel base extension	16
4.8 Foot support pad.....	16
4.9 Table support pad.....	16
5. Cleaning and servicing.	17
5.1 Cleaning and disinfecting	17
5.1.1 Cleaning	17
5.1.2 Disinfection	17



5.2 Servicing	17
5.3 Maintenance	17
5.3.1 Maintenance specifications	18
5.3.2 Maintenance plan.....	19
5.4 Spare parts	20
5.5 Duration of use and re-use.....	20
6. Technical data.	21
7. Guarantee.	21
8. Identification.	22
8.1 EU Declaration of Conformity.....	22
8.2 Serial number / date of manufacture.....	23
8.3 Product version	23
8.4 Issue of the document	23
8.5 Name and address of the manufacturer, specialist dealer sup- plying the product.....	23

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**).

1.4 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 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!

2.3 Application areas, use according to the intended purpose

The **madita hd.** growing therapy chair 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.

2.3.1 Indications

The **madita hd.** therapy chair is designed for especially active children and youths, who cannot 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.

2.3.2 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 patient. In general, any type of pain represents a contraindication.

2. Product description.



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

- 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.
- Do not use the therapy chair to transport the user.
- 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 spare parts made by Schuchmann, otherwise you will endanger the user.
- 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.
- 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.

2.5 Equipment for basic model

- incl. padding (with increased security) and cover
- incl. armrests, foot support, push handle
- reinforced sub-frame incl. 1x weight (about 8 kg)
- 4 castors (75 mm) with locking devices
- reinforced back angle adjustment
- double supported tilting
- Adjustment possibilities: Height adjustment via gas pressure spring (350N), seat angle, back angle, seat depth and seat width, armrests that can be adjusted in height and width, foot support adjustable in knee angle and height



2. Product description.

2.6 List of accessories

- Headrest
- Thorax pelotte pads (torso guide)
- Reinforced bracket (for thorax pelotte pads)
- Thigh guide
- Seat pad with anatomical leg guide
- Incontinence coating (in the seat area)
- Adjustable pelvic guide
- Knee abduction wedge
- Therapy table
- Weight (max. 4 weights possible)
- 4 castors – 100 mm (all with locking device)
- Wheel base extension
- Foot bench pad
- Table support pad
- Harness mounting set for the seat area
- Harness mounting set for the back area
- Positioning aids

2.7 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.



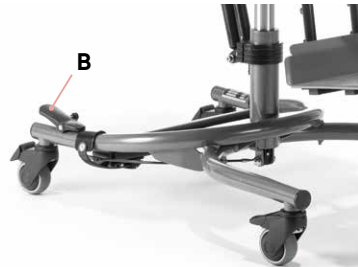
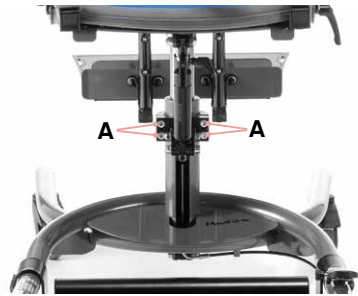
3. Settings.

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. To adjust the seat height, at first loosen the cylinder head screws (A) of the additional stabiliser at the central column.

Operate the foot pedal (B) on the base frame. 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 unintentional operation with the spring pin (C). 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.



After each adjustment, please retighten all screw connections!



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. Settings.

3.2 Seat angle

The release lever (A) for the seat angle adjustment is mounted directly at the gas pressure spring and equipped with a child lock. To adjust the angle of the seat unit, first release the clamping lever (B). Then push the release lever (A) horizontally until it engages. The seat unit can now be adjusted in an active or passive position. For additional security, tighten again the clamping lever (B).



Optionally the release lever can also be mounted on the push handle.

3.3 Seat depth

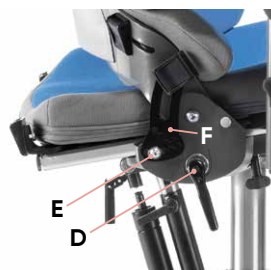
To adjust the seat depth, loosen the two wing screws (C) under the seat unit. Then the seat surface can be moved continuously forwards or backwards.



After each adjustment, please retighten all screw connections!

3.4 Back inclination

The clamping lever (D) for the back angle adjustment can be found on the right side of the seat. To adjust the back angle, first loosen the hexagon socket screw (E) on the additional stabilisation of the seat angle (F) and remove the screw (E). Now release the clamping lever (D) and bring the back into the desired position. Subsequently tighten again the clamping lever and bring the additional stabilisation of the seat angle (F) in position with the hole pattern so that you can mount again the hexagon socket screw (E) and tighten it.



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.



After each adjustment, please retighten all screw connections!

3. Settings.

3.5 Back height

Loosen the cylinder head screw (A) with an Allen key (M8) at the rear and bring the back into the desired height.



Tighten the screw connection again after each adjustment!

3.6 Armrests

The armrests can be adjusted in height and width. The height can be adjusted after loosening the star handle (B). The width can be adjusted after loosening the two grub screws (C) that can be found on both sides.



After each adjustment, please retighten all screw connections!



In connection with a therapy table, after adjusting the width of the armrests also the brackets below the table need to be adjusted (see Point 4.5)!



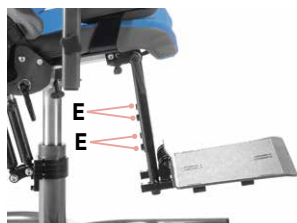
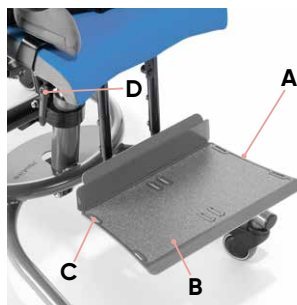
3. Settings.

3.7 Foot support

The angle and height of the foot support (A) can be adjusted. It has a non-slip surface (B) and has 8 slits (C) to attach straps such as foot cuffs or foot positioning aids.

In order to adjust the knee angle, please loosen the clamping lever (D) under the seat surface, bring the foot support into the required position and retighten the clamping lever (D).

In order to continuously adjust the height, please loosen the four grub screws (E), bring the foot support into the required position and retighten the grub screws (E).



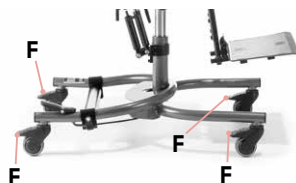
After each adjustment, please retighten the clamping lever and the grub screws!

3.8 Castors

In general, the therapy chair should be locked by braking the castors to avoid unintentional rolling away. To do this, press the brakes (F) down with the tip of your foot.



The brakes are only used for the purpose to prevent unintentional rolling away on level surfaces.



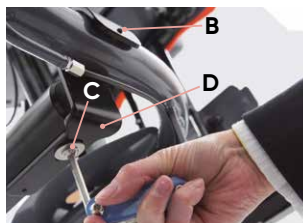
3. Settings.

3.9 Weight

The **madita hd.** in its basic model is already equipped with a weight **(A)** of about 8 kg. This is used for additional stabilisation of the therapy chair. In total, up to four weights can be placed, distributed at the front and back on the sub-frame.

To remove the weight or to change the position, undo the grub screw **(B)**.

To change the width or the angle of the brackets **(D)**, loosen the hexagon socket screws **(C)**.



A total of four weights can be attached to the sub-frame.



After each adjustment, please retighten all screw connections!

4. Accessories.

4.1 Headrest

The headrest can be adjusted in height, depth and angle. To this end, loosen the three cylinder head screws **(E)** with an Allen key and bring the headrest into the desired position.



After each adjustment, please retighten all screw connections!

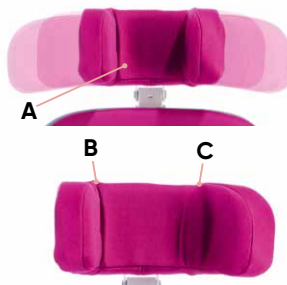
4. Accessories.

4.1.1 Headrests with angle-adjustable lateral guide

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

In addition, the angle of the lateral guide can be adjusted individually.

To adjust the lateral guide, loosen the hexagon socket screw (**B+C**) and bring the respective lateral guide into the desired position.



Tighten the twist grip / clamping lever again after each adjustment!



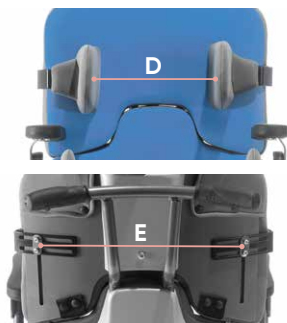
Support the head of the user with one hand when you make an adjustment to the headrest during use!

4.2 Thorax pelotte pads

The thorax pelotte pads (**D**) can be individually adjusted in height and width. To do this, loosen the pan head screws from the rear with an Allen key (**E**) and bring the thorax pelotte pads into the desired position.



After each adjustment, please retighten all screw connections!

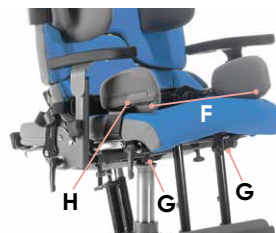


4.3 Thigh guide

The thigh guide pads (**F**) can be individually adjusted in width and depth.

In order to adjust the width, loosen the two wing screws (**G**) under the seat area and bring the thigh guide pad into the required position.

To adjust the depth, please open the hook and loop closures (**H**), loosen the 3 pan head screws (**I**) using an Allen key and bring the pad into the desired position.



After each adjustment, please retighten all screw connections!

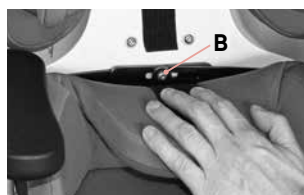
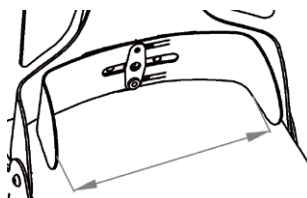
4. Accessories.

4.4 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.



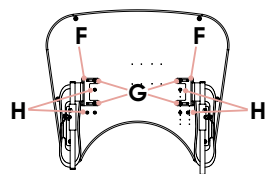
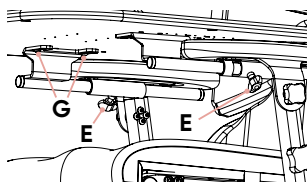
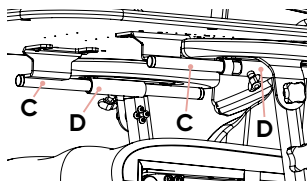
After each adjustment, please retighten all screw connections!

4.5 Therapy table

The therapy table can be adjusted in height and depth. For the installation, the tubes (C) are pushed into the receiver tubes (D) below the armrests.

Height adjustment takes place via adjustment of the armrests (see **Point 3.6**).

To change the depth, please loosen the two wing screws (E) and bring the table into the desired position. Additionally also the brackets (F) of the table can also be moved. To this end, loosen the hexagon socket screws (G), remove them and fix the brackets at the position provided (H). As soon as the armrests (see **Point 3.6**) are adjusted in width, also the brackets of the table must be adjusted. To this end loosen the hexagon socket screws (G) at the respective bracket and bring it in the necessary position.



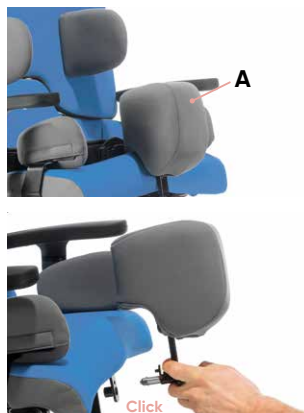
After each adjustment, please retighten all screw connections!



4. Accessories.

4.6 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 part can easily be removed or inserted. When inserting the abduction wedge, you should be able to hear it engage with an audible "click".



4.7 Wheel base extension

The wheel base extension (10 cm) can only be mounted at the rear of the sub-frame and cannot be adjusted! It is only used for stability, especially when the seat angle is tilted backwards.

4.8 Foot support pad

The foot support pad (B) is fixed below the foot support using hook and loop. Use the available slots on the foot support (see **Point 3.7**)



4.9 Table support pad

The table support pad (C) is simply placed on the table.



5. Cleaning and servicing.

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 **A + B**) 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 8.5**).

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 8.5**). The maintenance work carried out must be documented in the maintenance plan (see **Point 5.3.2**).

5. Cleaning and maintaining.

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**)
- 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 (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. Cleaning and servicing.

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 8.5**) 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.

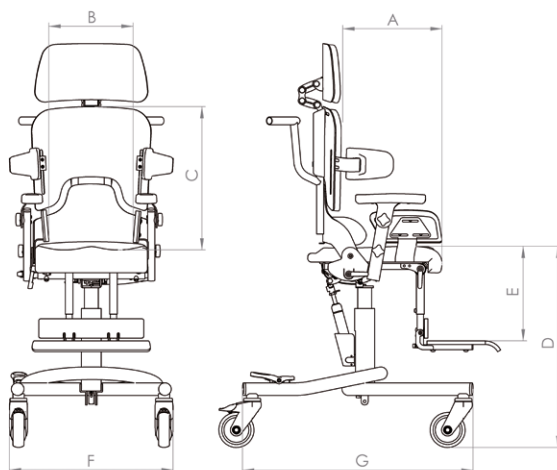
The product is suited for re-use. Prior to forwarding, please follow the cleaning and disinfection instructions stated in **Point 5.1**. Accompanying documents such as these Instructions for use are part of the product and must be passed on to the new user. No disassembly is required prior to re-use. 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



		madita hd.
A	Seat depth	30-42 cm
B	Seat width	28-38 cm
C	Back height with short back	42-52 cm
C	Backrest height with long back	53-63 cm
D	Seat height	46-58 cm
E	Lower leg length	30-48 cm
F	Total width	53 cm
G	Length of base frame	77 cm
	Seat angle	(-)5° - 20°
	Back angle	(-)5° - 25°
	max. load	65 kg
	Weight	29 kg

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 EU Declaration of Conformity



EU Konformitätserklärung

EU Declaration of Conformity



Firma / Company Schuchmann GmbH & Co. KG
Rudolf-Runge-Str. 3 · 49143 Bissendorf · Deutschland / Germany
Tel. +49 (0) 5402 / 40 71 00 · Fax +49 (0) 5402 / 40 71 109

erklärt in alleiniger Verantwortung, dass das nachfolgend genannte Produkt der Risikoklasse 1
declares under our sole responsibility that the following product(s) of Class 1 Medical Devices

„madita hd.“ Therapiestuhl / *therapy chair*

Art.-Nr. / Item-No.: 30 02 100

Basis UDI-DI / Basic UDI-DI: 4251040200004000300XXX8D

den einschlägigen Bestimmungen der im folgenden aufgeführten Richtlinien und Standards entspricht:
is / are in conformity with the requirements of the below listed directives and standards:

Verordnung (EU) 2017/745 über Medizinprodukte vom 05. April 2017
Regulation (EU) 2017/745 on medical devices of 5 April 2017

DIN EN 12182:2012 Technische Hilfen für behinderte Menschen
Technical aids for disabled persons

DIN EN ISO 14971:2013 Medizinprodukte – Anwendung des Risikomanagements auf Medizinprodukte
Medical devices – Application of risk management to medical devices

Diese Konformitätserklärung gilt nur für Produkte mit den oben genannten Artikelnummern und
ist gültig bis zum 31.12.2023.

*This declaration of conformity applies only for products with above-named Item-numbers
and is valid until 31.12.2023.*

Datum / Date: 01.04.2020

Unterschrift / Sign:

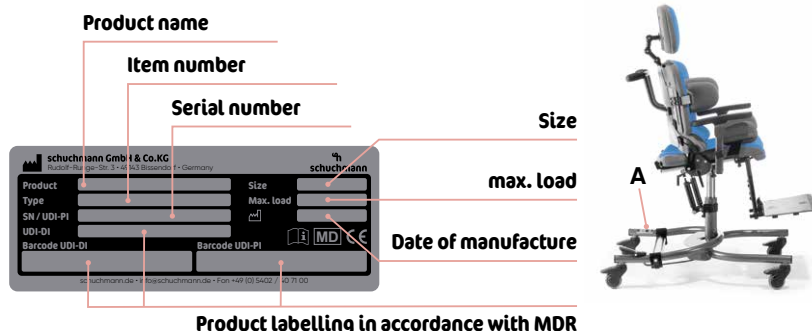
Name / Name: Torsten Schuchmann

Funktion / Function: Sicherheitsbeauftragter für Medizinprodukte / *Safety officer for medical devices*

8. Identification.

8.2 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).



8.3 Product version

The **madita hd.** therapy chair is available in one size and can be supplemented through a diverse range of accessories (see **Point 4**).

8.4 Issue of the document

Instructions for use **madita hd.** – change status D; issue 03.2021

8.5 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 09
info@schuchmann.de · www.schuchmann.de

This product has been delivered by the following specialist dealer:





schuchmann.de