

medifa 5000

Mobile Operating Tables



User manual

for the models 503220, 503225



Version: 2.0

we care.

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1. Important Information

1.1 Revision history

Version	Date	Reason for change to the publication
1.0	09/2014	First edition
2.0	09/2018	Layout, Content

1.2 CE marking

This product is a Class 1 medical device as defined by European Directive 93/42/EEC concerning medical devices. It complies with the version of this directive in force at the time that this product is placed on the market.

1.3 Conformity

The manufacturer declares that this product complies with the main requirements according to MDD Appendix 1.

The manufacturer also declares that a conformity assessment procedure, according to MDD Appendix 7, (and required for Class-1 products) was carried out and documented by a CE marking.

1.4 Manufacturer and distributor

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1.5 Copyright notice

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We are constantly working on the further development and design of our products. Please understand that we reserve the right to change the scope of delivery in terms of form, configuration and technology at any time.

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medifa is only responsible for the safety characteristics within the scope of the statutory regulations if all maintenance, servicing and changes to this device have been carried out by the user or a representative as instructed.

2. Foreword

The company medifa thanks you for purchasing the medifa 5000. The medifa 5000 is a product that combines design, functionality and comfort with the highest quality associated with German manufacturing.

The medifa products are manufactured to have a long and trouble-free lifespan. The development, design and production at medifa have been certified to comply with DIN EN ISO 9001 and DIN EN ISO 13485. These products comply with the requirements of the Medical Devices Act and bear the CE mark.

The demanding requirements of the OP(surgical) sector can only be met by high-quality long-life materials, comprehensive functionality and ease of use.

We at medifa offer a wide selection of permanently installed and versatile accessories to meet all your requirements. The periodic maintenance carried out by our trained service technicians ensures that your table is always in perfect working order during routine operations.

We are always available to help if you have any questions.

3. Understanding these operating instructions

NOTICE

Please read and observe these operating instructions.

These operating instructions must be read and fully understood by the operating personnel before the initial commissioning of the medifa 5000. This applies in particular to the Safety instructions and user obligations, in chapter 5. If necessary, in-house training for technical qualifications may be carried out by a qualified person. The operating instructions must be closely followed and available at the place of use.

NOTICE

This operating table is safe to use!

Any remaining residual hazards are indicated at the affected locations in the operating instructions.
Follow these instructions!

3.1 List of abbreviations

Abbreviation	Description
CE	European Community (derived from the French „Communauté Européenne“)
DIN	German industrial standard
EN	European Standard
EEC	European Economic Community
HF	High frequency
IEC	International Electrotechnical Commission
IP	Ingress protection
ISO	International Organization for Standardization
OP	Operations (surgery)

4. Symbols in use

These operating instructions use various warning, notice and safety symbols to highlight information of particular relevance.

Safety instructions



DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Notice about a harmful situation; possible consequences: the device itself or surrounding objects could be damaged.

5. Safety instructions and user obligations

Keep these operating instructions close to the product so that the information can be accessed later!

These operating instructions are an integral part of the product and must be transferred when the location or personnel changes.

These operating instructions must also be easily accessible to all users of the product at all times.

5.1 General safety instructions



WARNING

Danger for the patient!

Do not change this medical product! The manufacturer assumes no liability resulting from changes made to the OP table.

- All work with or on the medifa 5000 (installation, commissioning, operation, maintenance, decommissioning, transport or disposal) may only be carried out by trained medical or nursing staff.
- The medifa 5000 may only be used with the specified products for the purposes specified in the **intended usage**, section. The values specified in **Technical specifications**, must be complied with whenever the medifa 5000 is being used.
- In order to use additional equipment properly and safely, the operating instructions for such equipment must be observed.

5.2 Steps to take before each use in the OP

All mechanical functions as well as all parts of the medifa 5000 (including accessories) must be checked for proper functionality and integrity before each use! Do not use defective or damaged products!

5.3 Infection control

- Follow all regulations for cleaning and disinfection!
- Follow the cleaning and disinfection procedures described in these operating instructions! Use only the specified cleaning agents!
- Only cleaned and disinfected devices and equipment may be transferred to a service technician or the manufacturer for maintenance and repair work!
- Replace any cushioning that no longer complies with the relevant hygiene and infection requirements!

5.4 High frequency (HF) surgery equipment and defibrillators

The medifa 5000 may be used with HF surgical devices, defibrillators and defibrillator monitors. Observe the operating instructions and safety instructions from the manufacturers of these devices!



DANGER

Danger of patients being burned

The use of HF surgery equipment, defibrillators, and defibrillator monitors may pose a risk of the patient being burned if no safety precautions are taken. Take the following security precautions:

- Position the patient on the medifa 5000 so that they are isolated from (not touching) the metal parts (medifa 5000 or accessories), conductive cushions or hoses.
- Do not touch the patient with moistened wipes or other moist materials. Use only dry materials!

5.5 Maintenance and repair

To avoid malfunctions and to ensure operational safety, annual maintenance must be carried out to ensure that all functionality is fully retained. We recommend that a medifa-certified service technician carry out this service work.

Repairs

Repairs may only be carried out by the medifa technical support or by personnel who have been authorized, trained and certified by medifa.

The company medifa is not liable for any damages due to neglected inspections, inadequate repair, improper maintenance or changes made to the product!

For servicing work, please contact the medifa technical support department.

Telephone number of the medifa service hotline: +49 2721 7177 410

5.6 Product lifespan

The medifa 5000 has a lifespan of 10 years if the specified inspections are carried out by medifa service technicians. This does not apply to all wearing parts and cushions.

6. Proper and intended usage

The products described here are intended only for human medical purposes!

The medifa 5000 operating table, together with the other accessories from medifa, is intended only for the following uses:

- For supporting patients from the initiation of anaesthesia, during the operation, and until the end of anaesthesia.
- For transporting patients on the medifa 5000 from a transfer facility to the operating room or from the operating room to the transfer facility (depending on the patient transport conditions).
- For supporting patients during X-rays

Patients should be supported and positioned on the medifa 5000 according to general practice and training standards. The medifa 5000 should be covered with sterile covering material before usage.

Transporting objects, equipment or materials on the medifa 5000 is prohibited. The operating table may only be used and operated responsibly and in a controlled manner by trained medical and nursing staff.

The manufacturer or other persons authorized by the manufacturer shall carry out the training for the operating and care personnel.

These operating instructions must be followed in order to ensure proper and intended usage of the medifa 5000! Any other usage of the medifa 5000 is considered improper and unintended! The supplier/ manufacturer is not liable for personal injury or property damage as a result of improper operations or usage.

Only accessories from the [accessories list](#) chapter are intended for use with the operating table. All accessories that are not listed must not be used for safety reasons.




7. Warning stickers on the medifa 5000

Observe the warning symbols (stickers) on the medifa 5000; they indicate the danger points and hazards.
All warning symbols on the product must be complete and legible. They must not be altered, removed or covered by other objects. Damaged or detached warning symbols must be replaced according to the specifications.





Figure 1: Warning stickers on the medifa 5000

7.1 Warning sticker on medifa 5000

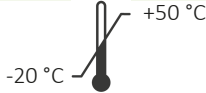

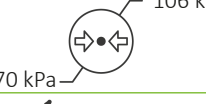









Symbol	Description
	Danger of being crushed!
	Do not sit!
	There is a risk of injury if the medifa 5000 is tilted The medifa 5000 may only be used on surfaces that have no more than a 5 degree tilt.

7.2 Symbols on the medifa 5000

Symbol	Description
	Connection for the equipotential bonding
	Follow the instructions!

7.3 Symbols on the transport packaging

There are several handling symbols on the transport packaging.

Symbol	Description
	Temperature range for storage and transport: -20 °C to 50 °C.
	Relative humidity for storage and transport: 10% to 95%.
	Air pressure for storage and transport: 70 kPa to 106 kPa.
	Protect the transport packaging against moisture.
	This side of the transport packaging must always be on top.
	Caution! Contents are fragile; handle with care.
	Observe the safety instructions found in the accompanying documents!
	Read the operating instructions.
	Protect from sunlight.
	Date of manufacture
	Follow the instructions for disposal.
	QR-Code

8. Ratings plate

The ratings plate is located at the bottom of the lifting column of the medifa 5000.

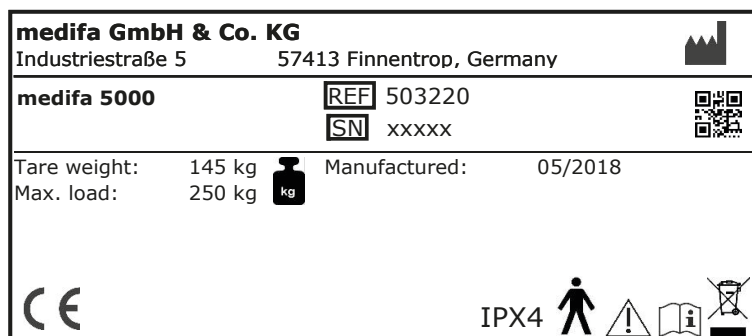









Figure 2: Ratings plate (example)

Element / symbol	Description
	Manufacturer specifications and contact information
REF	Product name / type
SN	Serial number
	QR-Code
Manufactured	Date of manufacture
	Specifications on empty weight and maximum load
Tare weight	Empty weight
Max. Load	Maximum weight, including the accessories and the patient
IPX4	Protection degree against ingress of water
	Observe the safety instructions found in the accompanying documents.
	Read the operating instructions.
	Follow the instructions for disposal
	This device is declared to be compliant with Directive 93/42/EEC.

9. Cushion

NOTICE

Use is forbidden if the surface of the cushion is damaged.

Using the medifa 5000 with non-approved cushions is forbidden and this results in loss of CE compliance.

For ease of cleaning and disinfection, the cushions can be removed (except for models with an adjustable table panel). Adjustment of the cushion is by placing the holders on the underside of the cushion onto the studs on the top part of the table. The cushion prevents the patient from getting pressure necrosis. Medically trained staff must remove all residual risk via active decubitus prophylaxis when positioning the patient. The cushion is anti-static and corresponds to normative requirements when properly attached.

NOTICE

Safety information

- Only use the original cushion from medifa!
- Do not position the patient on the medifa 5000 without the cushion.
- When attached as per the instructions, the edges of the cushions on the medifa 5000 align with all table components.
- Do not push any sharp-edged objects into the cushion or store such objects on it.
- Do not attach any adhesive films.

9.1 PUR cushion

The cushions consist of a special integral foam mixture, which is foamed up on a plastic carrier. It is produced with special paint and provides comfort for even the most demanding patients.

Ergonomic shapes and rounded edges are part of the design and enhance its function. The cushions are x-ray transparent, electrically conductive, and correspond to DIN 53596.

9.2 SFC cushion (optional)

The cushion consists of 80 mm thick, visco-elastic foam with a 3-ply sandwich structure and an electrically conductive cover which cannot be removed.

The cushion can be washed and disinfected, and is x-ray transparent. Furthermore, the cushion is latex-free, breathable, and anti-static. Ultrasonically welded seams, in contrast to stitched seams or the use of zips prevent liquids and pathogens from entering. As a result, the cushion is easy to clean.

10. Standard-compliant rails

The standard rails on the right and left of the tabletop are used for attaching accessories.



WARNING

Danger: risk of personal injury when the medifa 5000 is tilted!

Regardless of the permissible load on the individual rails, a total torque of 70 Nm on the lengthwise axis and 100 Nm on the transverse axis of the medifa 5000 must not be exceeded during normal use!

If these load limits are exceeded, the table can tip over or the rail can break. The part of the patient's body that is resting on an accessory could then slip down, which could result in needles being pulled out.

10.1 Maximum permissible torques

The maximum permissible torque on a standard rail of the medifa 5000 is 70 Nm on the lengthwise axis and 100 Nm on the transverse axis.

The torque is acting on the rail as soon as an accessory is connected to a rail.

The own (dead) weight for a particular accessory being used can be found in the appendix of these operating instructions.

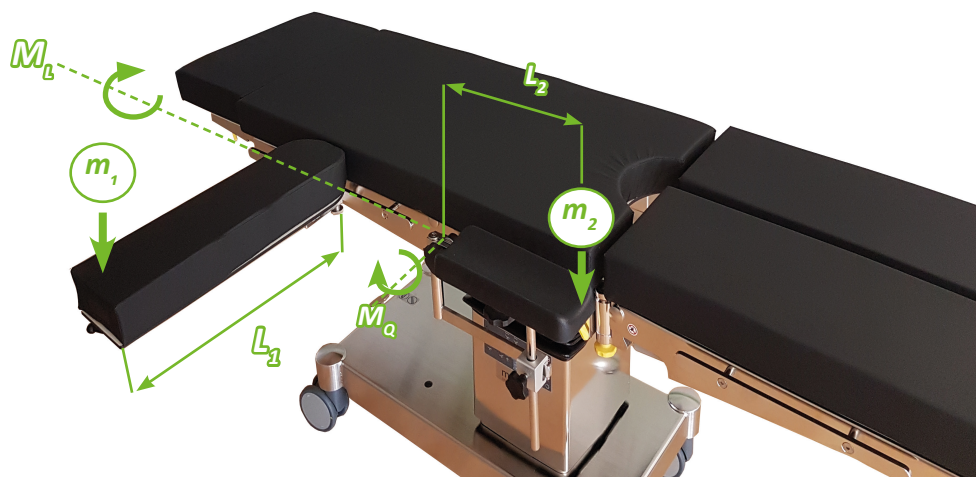


Figure 3: Torque on standard rails

$[L_1]$ = length 1

$[m_2]$ = mass 2

$[L_2]$ = length 2

$[M_L]$ = longitudinal torque

$[m_1]$ = mass 1

$[M_Q]$ = transverse torque

The torque acting on the standard rails can be approximately calculated using the following rule of thumb.

$$M (L \text{ or } Q) = m \times L \times 10$$

$$\text{Torque [Nm]} = \text{mass [kg]} \times \text{length [m]} \times 10[\text{m/s}^2]$$

The weight of the patient's body part that will be resting on the accessory should be specified for mass (M).

11. Features and functions

11.1 Model 503220



Figure 4: Model 503220

No.	Identification
1	4 double swivel castors, lockable
2	Selector lever for setting the desired adjustment function
3	Locking lever
4	“Upward” foot pump pedal
5	“Downward” foot pump pedal
6	Cushion
7	Side guide rails (standard rail)
8	Pedestal
9	Column

11.2 Features

- Height adjustment with hydraulic foot pump from 750 to 1000 mm
- Trendelenburg positioning with hydraulic foot pump from -30° to +30°
- Lateral setting with hydraulic foot pump, adjustable on both sides up to 20°
- Back rest positioning with hydraulic foot pump from -40° to +70°
- Option for setting the flex/reflex position
- Continuous X-ray cassette tunnel
- Lateral rails for holding accessories (25 x 10 mm)
- PUR cushion, electrically conductive, removable
- Driven via four swivel casters, 125 mm in diameter, with central locking system
- Footprint (L x W) 920 mm x 520 mm

12. Initial operation

12.1 Connection of the potential compensation cable

We recommend that a potential compensation cable is connected every time the surgical table is in use. Connect the potential compensation pin [1] to the potential compensator in the operating room with the potential compensation cable. (In line with VDE-0107 or corresponding national regulations).

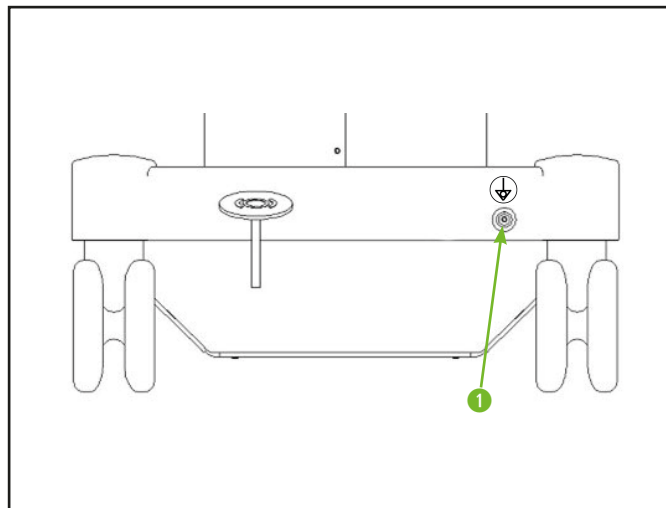


Figure 5: Potential compensator pin

12.2 Attach and adjust the head panel

To attach the head panel, push both slide-in modules right up to the stop in the holders located on the backrest struts. Afterwards, tighten the two locking screws [1] denoted in yellow.

Check that the fit is secure by pulling the head panel.

Actuate the trigger lever [2] upwards, which is denoted in yellow, to adjust the angle of the head panel. The head panel is locked into position after the trigger lever [2] is released.



Figure 6: Head panel



CAUTION

Risk of injury!

Both hands should be used for safety reasons, as regardless of the patient's weight, the operator also has to apply their own strength to carry out adjustments!

12.3 Attach and adjust the leg panels

To attach the leg panel(s), set up both levers [1], denoted in yellow, which are to the left and right of the pelvis bar vertically upwards. The slide-in modules on the leg panel(s) can now be pushed in as far as the holders located at the front on the pelvis bar. Afterwards, both levers to the left and right of the pelvis bar, denoted in yellow, can be set vertically downwards. Check that the fit is secure by pulling the leg panel(s).

If the leg panels should be separated, then loosen the star grip screw [2]. This releases the connection. The leg panel can now be moved to the preferred position, then locked into position by tightening the star grip screw [2].

Actuate the trigger lever [3] upwards, which is denoted in yellow, to adjust the angle of the leg panel(s). The leg panel(s) is locked into position after the trigger lever [3] is released.



Figure 7: Leg panels



CAUTION

Risk of injury!

Both hands should be used for safety reasons, as regardless of the patient's weight, the operator also has to apply their own strength to carry out adjustments!

13. Patient positioning



CAUTION

Risk of injury

Risk of crushing in the case of moving parts. Be aware of how everything works before use. Risk of injury due to protruding parts.



CAUTION

Danger to patient - monitor the patient's position!

To avoid injuries, the patient's position on the medifa 5000 must be constantly monitored.

13.1 Prepare the medifa 5000 for patient positioning

1. Apply brake(s) on the medifa 5000 if not applied already.
2. Cover the medifa 5000 with sterile cloths.
3. Prepare the medifa 5000 by attaching the appropriate accessories for patient positioning.



WARNING

Danger to patient through improper attachment!

- Ensure that accessories are securely attached to the medifa 5000 before use! Loose elements may move of their own accord or slip out.
- Ensure that fastening elements are secure!

13.2 Position the patient



CAUTION

Danger to patient - monitor the patient's position!

- To avoid injuries, the patient's position on the medifa 5000 must be constantly monitored.
- Incorrect loading may result in panel segments breaking off the medifa 5000 or it may tip over. Mounting or alighting must only take place near the column hub above the seat panel!
- Do not mount or dismount the medifa 5000 via the back panels or coupled panel segments.

Sequence for setting the desired patient position:

1. To start with, determine the desired working height first.
2. Then select the desired patient position.
3. Lift the patient on the medifa 5000 into the desired position, and do not pull over the cushions. Lift the relevant body parts of the patient with every change of position. Any creases that occur must be removed.
4. Secure patients before adjusting and actively support them during adjustment.

13.3 Height setting

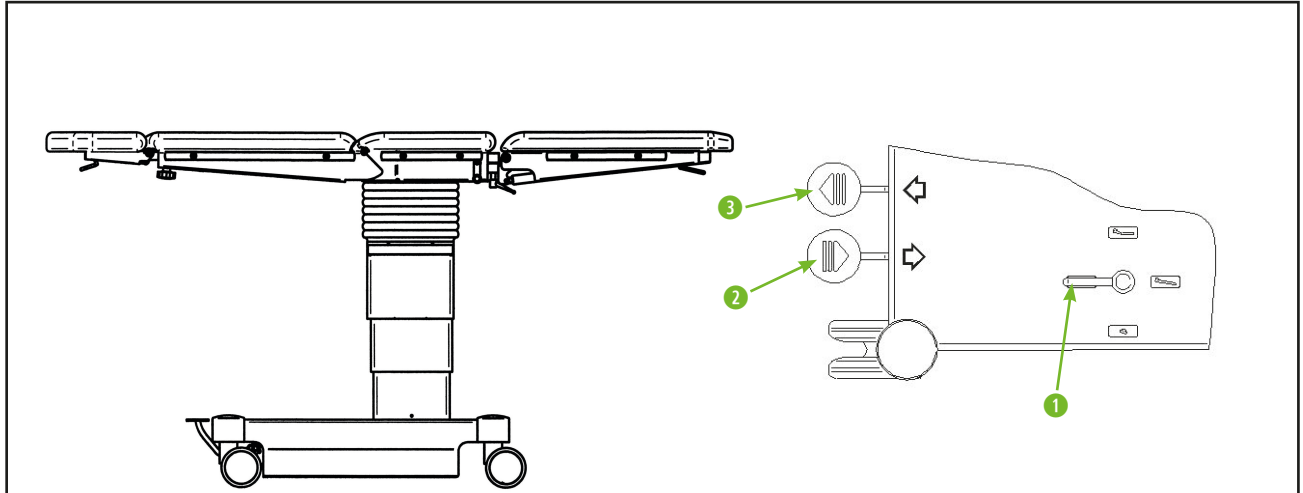


Figure 8: Height setting

The whole table panel is moved upwards or downwards with the height adjustment option.

Height adjustment is carried out by a hydraulic foot-pump system and a selector lever which is set beforehand.

To carry out height adjustments, proceed as follows:

1. Set the selector lever [1] to the "height adjustment" position.
2. Actuate the foot pump "upwards" [2] or "downwards" [3] (simply retain pressure when releasing the pump pedal, NOT pump).

The medifa 5000 is moved to the lowest position for every mount and dismount, and when a patient mounts the medifa 5000 it is then moved to working height with the patient positioned on it.

Adjustment range: 750 mm to 1000 mm



CAUTION

Danger to patient!

- Mounting or alighting must only take place near the column hub above the seat panel!
- Do not mount or dismount the medifa 5000 via the panel segments!



CAUTION

Danger to patient!

When lowering the table plate, it may collide with the chassis, the floor, or other objects located beneath the table plate and that may be covered by cloths or documents. Pay particular attention to the panel segments that are adjusted downwards! Clear the area beneath the table panel or adjust the corresponding panel segments (leg/back panel joints) upwards. Then move the table panel downwards.

13.4 Trendelenburg/ anti-Trendelenburg

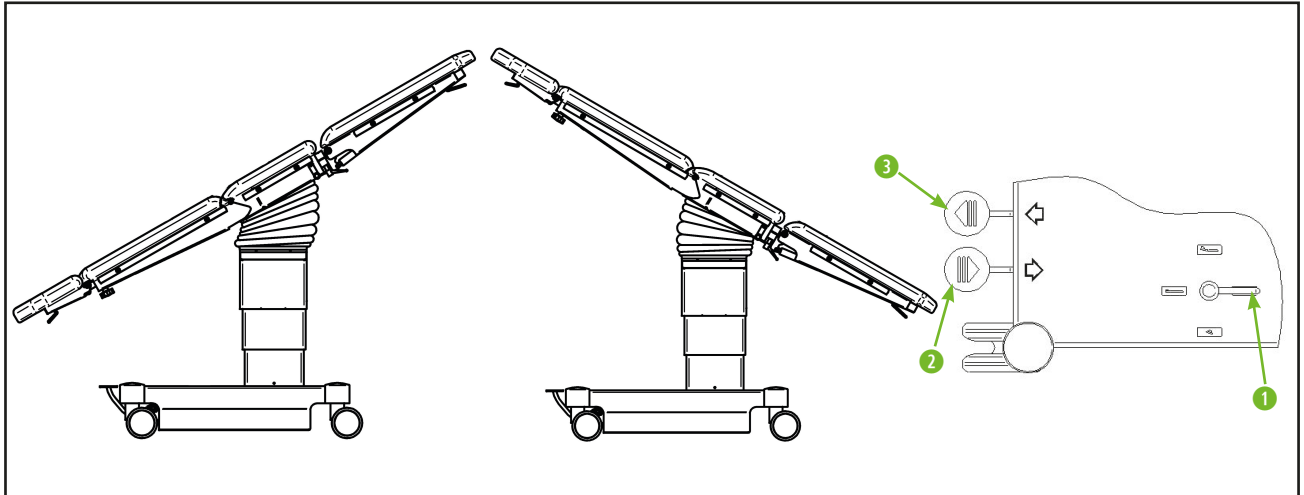


Figure 9: Trendelenburg-/anti-Trendelenburg position

In this position, the table panel is tilted $\pm 30^\circ$ from the transverse axis.

The Trendelenburg and anti-Trendelenburg position is adjusted by a hydraulic foot-pump system, initiated by pumping motions and a selector lever which is set beforehand.

In order to set up a Trendelenburg or anti-Trendelenburg position, proceed as follows:

1. Set the selector lever [1] to the “Trendelenburg adjustment” position.
2. Actuate the foot pump lever “upwards (Trendelenburg)” or “downwards (anti-Trendelenburg)”.

Adjustment range: -30° to $+30^\circ$



CAUTION

Danger to patient through risk of collisions!

When tilting the table plate (Trendelenburg/ anti-Trendelenburg position), it may collide with the chassis, the floor, or other objects located beneath the table plate and that may be covered by cloths or documents.

Constantly monitor all movements of the table plate to mitigate this risk. Clear the area beneath the table panel, move the table panel to a higher position, or adjust the corresponding panel segments (leg/back panel joints) upwards. Then approach the desired Trendelenburg/ anti-Trendelenburg position.

This function does have a risk of jamming and of injury if the Trendelenburg function is approached at the lowest table height. The bars on the plate segments on the upper part of the back collide with the medifa 5000 pedestal.

13.5 Lateral setting

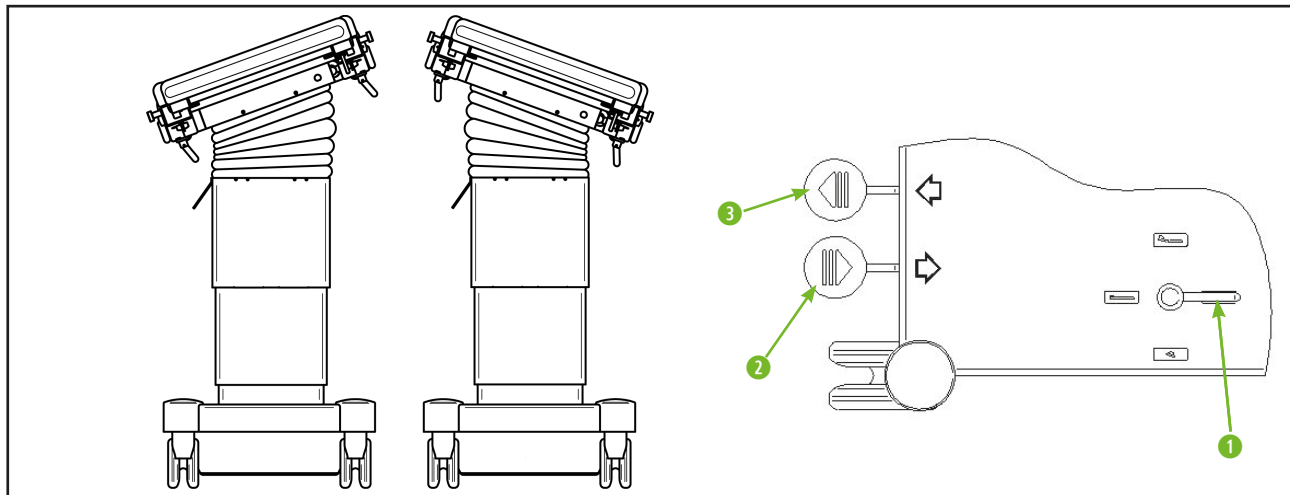


Figure 10: Lateral setting

With the lateral feature, the table panel is tilted to the left or right along its longitudinal axis.

Lateral adjustment is carried out by a hydraulic foot-pump system and a selector lever which is set beforehand.

To carry out lateral adjustments, proceed as follows:

1. Set the selector lever [1] to the “lateral adjustment” position.
2. Actuate the foot pump lever “upwards” [2] or “downwards” [3].

Adjustment range: - 20° to +20°



WARNING

Risk of personal injury by tipping the medifa 5000!

The medifa 5000 must only be operated on floors with a maximum gradient of 5°.

13.6 Back piece setting

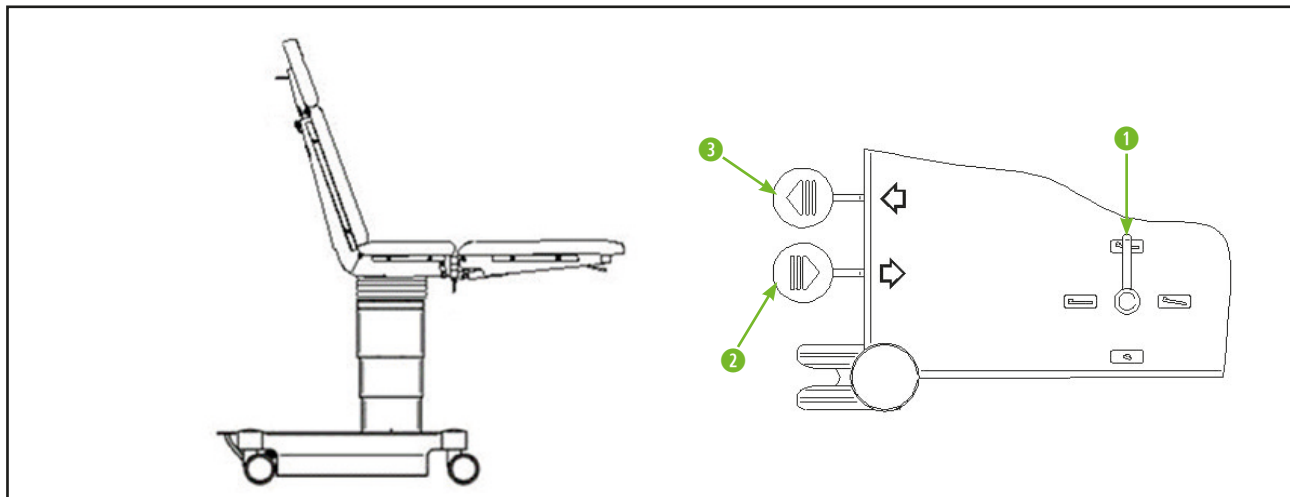


Figure 11: Back piece setting

When setting the back piece, the back piece is tilted with the head panel either facing upwards or downwards. Back piece adjustment is carried out by a hydraulic foot-pump system and a selector lever which is set beforehand. To carry out back piece adjustments, proceed as follows:

1. Set the selector lever [1] to the “back piece adjustment” position.
2. Actuate the foot pump lever “upwards” [2] or “downwards” [3].

Adjustment range: -40° to $+70^{\circ}$

13.7 Ensuring moveability

The movement situation is handled with the actuation lever [1]. If the lever is in the upper position, then the surgical table can be moved, and a 5th castor (optional) is available for enhanced manoeuvrability. When in the central position, the table can be moved in all directions. When in the lower position, the brakes are applied.

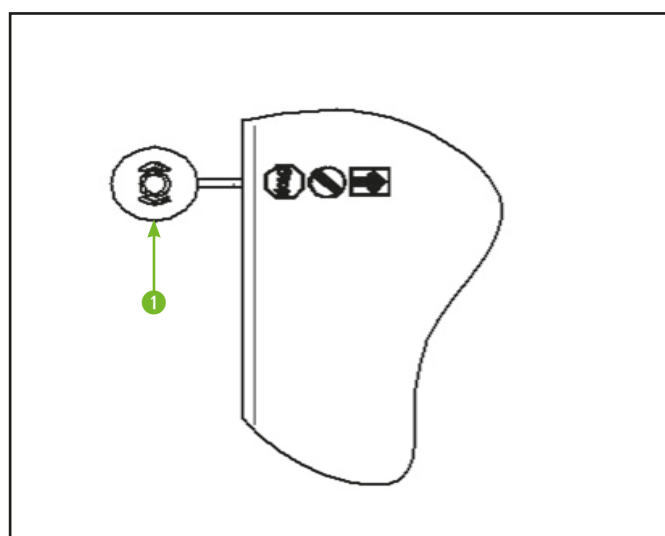


Figure 12: actuation lever

13.8 Model 503225



Figure 13: Model 503225 – Movability

The 503225 has the same features as the 503220 (see Fig. 4) as well as a longitudinally movable table panel.

The table panel can be manually moved by a total of 310 mm. It can be locked in 30 mm intervals.

Moving takes place after fully pushing down the release button. The table top can now be moved. Locking takes place when the release button is released. After release, the upper frame can be moved a very short distance if necessary until it locks into place. The table panel is then fixed and can no longer be moved. During movement, the neutral position is noted by a locking noise or slight resistance. The neutral position is the central position (original location) of the table panel.



CAUTION

Risk of injury!

- Moving the table panel in direction A must only take place if Trendelenburg is horizontal and that the leg panel(s) are not in the negative area. The location of the upper back panel does not have to be taken into account here.
- Moving the table panel in direction B must only take place if Trendelenburg is horizontal and that the back panel is not in the negative area. The location of the leg panel(s) do not have to be taken into account here.
- Accessories 61125 and 63000 must only be used if the surgical table has not been moved longitudinally.



WARNING

Risk of personal injury by tipping the medifa 5000!

If the panels are heavily tilted due to the Trendelenburg or anti-Trendelenburg setting, no longitudinal movement should take place otherwise there is a risk of the patient falling off. Please be aware of how the surgical table operates when a patient is on it before using it.

14. Transporting patients



CAUTION

Risk of personal injury by tipping the medifa 5000!

- When crossing thresholds, the surgical table may tip over.
- Moving the medifa 5000 must only be done at the lowest height and by two people.



CAUTION

Risk of personal injury through crushing!

- Do not jam feet into the cut-out in the chassis whilst turning or moving the medifa 5000.



CAUTION

Risk of collision!

Be especially careful when transporting the medifa 5000. Make sure that no collisions with nearby people or fittings occur!

- Be aware of its behaviour when driving before transporting patients for the first time.

14.1 Notes regarding patient transport

The following measures should be carried out before moving the medifa 5000:

1. Move the medifa 5000 in the neutral position.
2. Fold accessories to the medifa 5000, or remove it from the medifa 5000.
3. Always move the table panel in its lowest position.
4. Disconnect the potential equalisation cable.

NOTICE

Damage to the cable

Disconnect the potential equalisation cable from the medifa 5000 before moving it.

Do not roll over or crush the potential equalisation cable whilst moving the medifa 5000!

14.2 Transporting patients

1. Release locking lever.
2. Manually move the table. Avoid jerky movements of the table. Note the turning circle and surroundings when turning.
3. Keep hold of the table whilst moving it.
4. Stop the table manually.
5. Brake using the brake pedal.

14.3 braking the medifa 5000



CAUTION

Danger to patient!

- Applying the brake whilst the medifa 5000 is in motion is forbidden! Stop the medifa 5000.

1. Bring the medifa 5000 to a standstill.
2. Push locking lever downwards, and the medifa 5000 now has the brakes on.
3. Release brake: Move the locking lever up to the stop in the uppermost position. The brake is now released.

15. Care advice



CAUTION

Risk of personal injury!

- Only cleaned and disinfected equipment and devices should be handed over to service technicians for maintenance and repair work!
- Replace any cushioning that no longer complies with the relevant hygiene and infection requirements!

NOTICE

Danger: incorrect maintenance may damage property

The medifa 5000 is not suitable for an automated cleaning process!

Do not use a high-pressure cleaner! Due to the high pressure of the water jet, liquid could penetrate through gaps or joints and damage the device (through corrosion).

Improper cleaning products can damage the surface!

When cleaning the device, do not use scouring cleansers or detergents and disinfectants containing halide or peracetic acid.

For the plastic parts and cushions, do not use alcoholic or solvent-based (flammable) cleaning/ disinfecting agents!

The cleaning products for the cleaning and disinfection must comply with the applicable national regulations for the medical sector and/or be listed by the German Society for Hygiene and Microbiology / Association for Applied Hygiene.

Follow the hospital's hygiene regulations!

Clean contaminated products immediately! The cleaning/disinfection is limited to a regular wiping (not dipping!) using the appropriate substance.

15.1 Cleaning

For cleaning stainless steel and plastic parts, use a pH-neutral or slightly alkaline all-purpose cleaner with surfactants for cleaning-active components.

If parts are heavily contaminated, use concentrated cleaner and then wipe with clear water.

15.2 Disinfecting

For disinfecting, follow the instructions of the disinfectant manufacturer!

Surface disinfectants based on alcohol or aldehyde are suitable for disinfecting the stainless steel parts. For the plastic parts and cushions, only use aldehyde-based surface disinfectants. Alcohol- based agents can damage the surface.

15.3 Drying

After cleaning and disinfecting, remove any excess moisture using a dry cloth.

15.4 Disposal

Dispose of all cleaning and disinfectant residues in a proper and environmentally friendly manner!

16. Technical specifications

16.1 Dimensions, weights and load limit

Dimension of table top	Length (with leg and back plates): 2160 mm
	Width (with standard rails): 600 mm
Height without cushions	750 mm to 1000 mm
Height of cushions	60 mm
Mass	501130: 145 kg
	501135: 160 kg
Maximum table load	250 kg
Load on rails	Along lengthwise axis: 70 Nm each
	Along transverse axis: 100 Nm each

16.2 Adjustment ranges

Height	250 mm
Lengthwise adjustment	310 mm
Trendelenburg	-30° bis +30°
Laterally	-20° bis +20°
Adjusting the back section	-40° bis +70°
Headrest adjustment	-50° bis +40°
Leg plate joints	-90° bis +30°

16.3 Classification

Medical Device Class	I
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16.4 Environmental conditions for the operation, storage and transport

Temperature	- 20°C bis + 50°C (storage / transport)
	+ 10°C bis + 40°C (operation)
Relative humidity	10 % bis 95 % (storage/transport)
	20 % bis 80 % (operation)
Air pressure	70 kPa bis 106 kPa (storage / transport)
	80 kPa bis 106 kPa (operation)

17. Delivery, unpacking and setting up

17.1 Delivery

The medifa 5000 is delivered on a pallet in a box. The ordered plate segments and accessories are individually packed on the pallet or are already attached to the medifa 5000.

Dimensions of the packaging:

Length	1200 mm
Width	800 mm
Height	1050 mm

Mass

medifa 5000 without accessories	503220: 145 kg, 503225: 160 kg
Packaging	30 kg

Plus weight of additional equipment and accessories.

NOTICE

Danger of property damage!

The packaging is not weatherproof! Observe the instructions for storage.

17.2 Unpacking and setting up



CAUTION

Danger: risk of personal injury when the medifa 5000 is tilted!

- Do not move or push the medifa 5000 over the edge of the pallet!
- Use at least two people to carefully move the medifa 5000 from the pallet onto a flat place!

The following sequence must be observed for unpacking and setting up:

1. Unpack medifa 5000 in a room with a level floor and sufficient free space for unrolling from the pallet.
2. Park the pallet in such a way that an area of approx. 1.5 x 4 m is available.
3. Open the top of the box.
4. Loosen the cardboard fastening at the bottom of the pallet.
5. Pull the carton upwards.
6. Remove the scope of delivery.
7. Remove the tensioning straps and securing members.
8. Release the central brake of the medifa 5000 via the brake pedal.
9. Remove the medifa 5000 from the transport pallet.
10. Brake the operating table
11. Dispose of pallet and packaging material in an environmentally friendly manner!

18. Accessories

Product name	Article number	Weight (kg)	Permissible load (kg)
Head plate	61144	4,2	16
Head plate	61146	5,2	16
Small head plate	61143	3,2	16
Body bridge	61655	-	-
Three-piece back plate	61385	10,6	80
Extension for pelvic section	61125	10	80
One-piece leg plate	61625	16	80
Split leg plates	61615	20	je 40
Double-separated leg plate	61660	20	je 40
Carbon holding plate	61690	8	50
Transfer leg plate	61635	2,5	20
Pediatric surgery plate	61633	12	80
Spreading segments	61355	2,5	10
Fifth wheel	50645	-	-
Connecting strut	61670	-	-
Cassette slide	61640	3	-
Rinsing set	61120	0,3	-
Padded cushion	5000SF	0,3	-
Accessories trolley	341045	76	125

19. Disposal

Operating table, accessories and packaging must be recycled in an environmentally friendly manner. The disposal of individual parts must also be carried out in an environmentally friendly manner (i.e. according to the relevant legal regulations)!

For more information about the proper disposal of used devices, please contact medifa Technical Support, your local dealer or the appropriate national authority.

The company medifa will take back old devices, defective devices, or products no longer in use. Contact medifa Technical Support for more details.



we care.

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