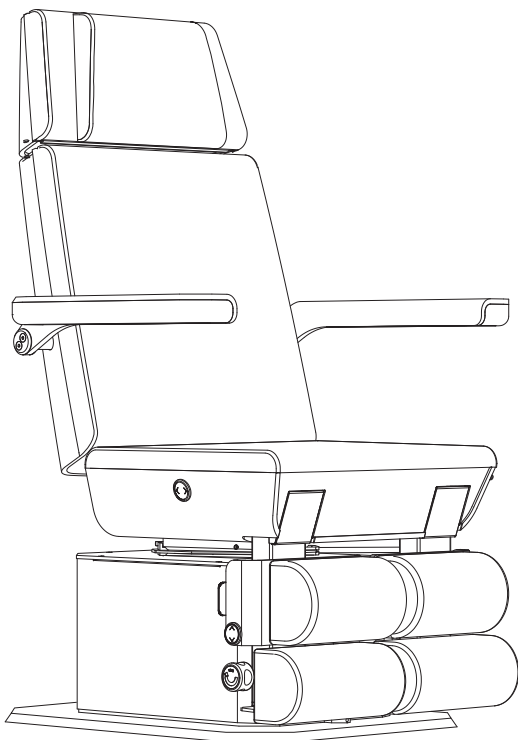




# Podiatry Couch MOON

Instructions for Use



**EN**

8000302 | Instructions for use RUCK Podiatry Couch MOON | REV 05  
Revision status 30/11/2023

**MD**

**UK  
CA**

**CE**



## RUCK® Podiatry Couch MOON

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## Dear Customer,

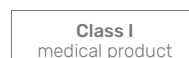
The podiatry couch MOON is the top-of-the-line model of the new couch series from RUCK. Tested and approved as a Class 1 medical product, the podiatry couch can bear loads of up to 250 kg. The MOON series thanks its unique character to the moulded wood elements, which can be selected in a walnut CPL, oak CPL or white CPL finish. It is the perfect combination of ergonomics for the operator and comfort for the patient. Other options are leg support adjustment via a magnetic extension without rotary knob, the electrical leg height adjustment, a back inclination adjustment with patient switch and a special soft cushion. Both variants of the foot control have four memory functions and can be individually configured for up to three operators.

These instructions for use provide a basic introduction to the functions and use of the podiatry couches. At the same time they are a fixed component of the medical product and thus must be kept on hand in the immediate vicinity for all operators. Please read these instructions for use carefully all the way through before commissioning the device.

This podiatry couch has been manufactured with the greatest care for you in the RUCK factory in Neuenbürg Germany and is subject to ongoing quality control. Nevertheless, if you are not satisfied or if you have questions, please contact our service department.

We sincerely thank you for the trust you have placed in our company and extend our best wishes for satisfaction in your daily work with your new podiatry couch.

Kind regards, HELLMUT RUCK GmbH



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# 1 About these instructions

## 1.1 Symbols used



Danger to persons. Observe the note marked with this symbol to avoid personal injury.



Endangering the condition or functionality of the product or endangering the environment.



Device with protection class II (protective insulation)



Medical product



Observe the disposal notice!



Application part, Type B



Manufacturing date



CE conformity marking



UKCA conformity marking



Refer to the instructions for use



Manufacturer

## **1.2 Meaning of signal words**

The following signal words are used in these instructions:



### **DANGER**

Notice indicating a very probable or imminent hazard. If this hazard is not avoided, it can result in death or serious injury.



### **WARNING**

Notice indicating a probable hazard. If this hazard is not avoided, it can result in death or serious injury.



### **CAUTION**

Notice indicating a possible hazard. If this hazard is not avoided, it could result in minor or moderate injury.

## **1.3 Target group for these instructions**

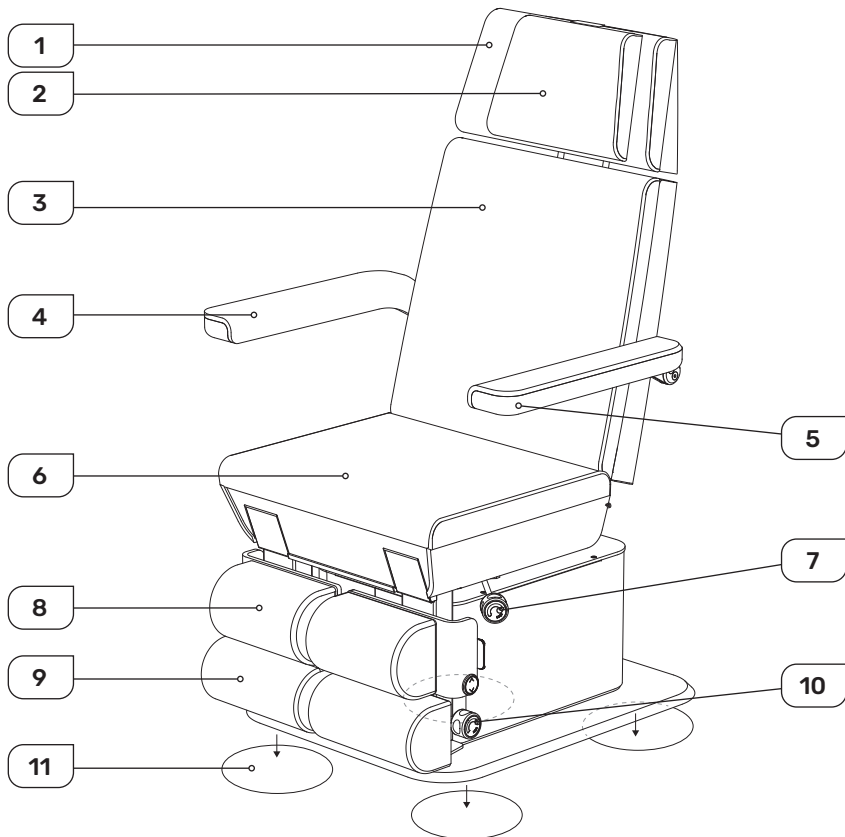
These instructions are intended for buyers, owners and operators of the podiatry couch. These instructions are not intended for the persons to be treated.

A specification of the intended operators is given in the section "Prerequisites and qualifications of operators" on page 14.

According to the German Medical Device Operator Ordinance (MPBetrV), the owner of the podiatry couch must instruct the operators, make the instructions for use accessible and demonstrate that they have been read and understood. Please make sure to observe the applicable national regulations and laws in the country or region of use.

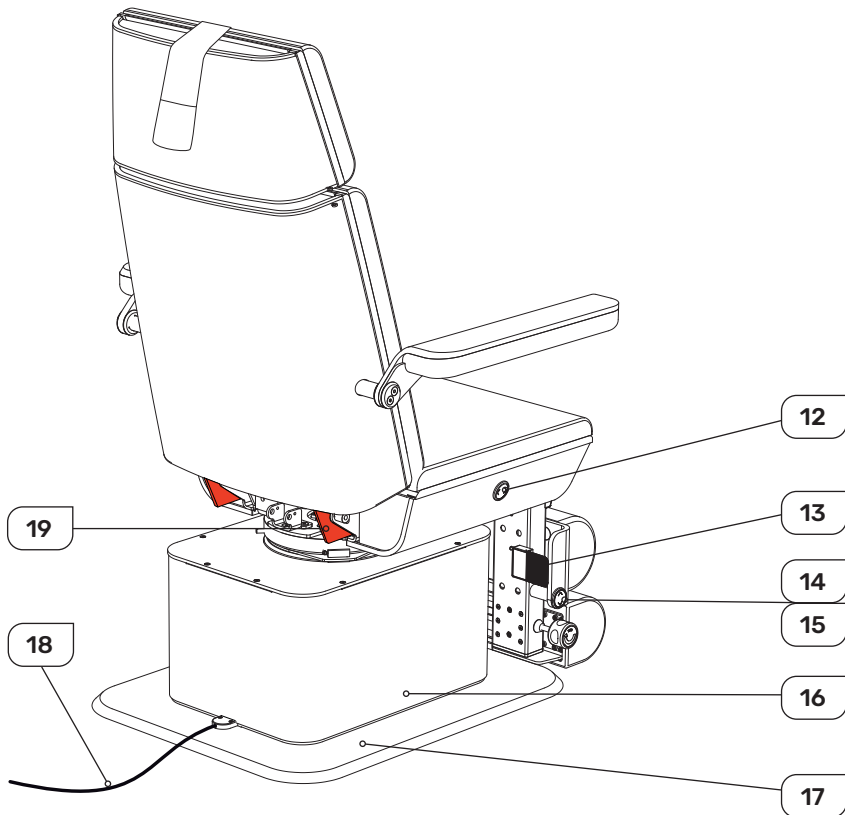
## 2 Product description

### 2.1 Main components



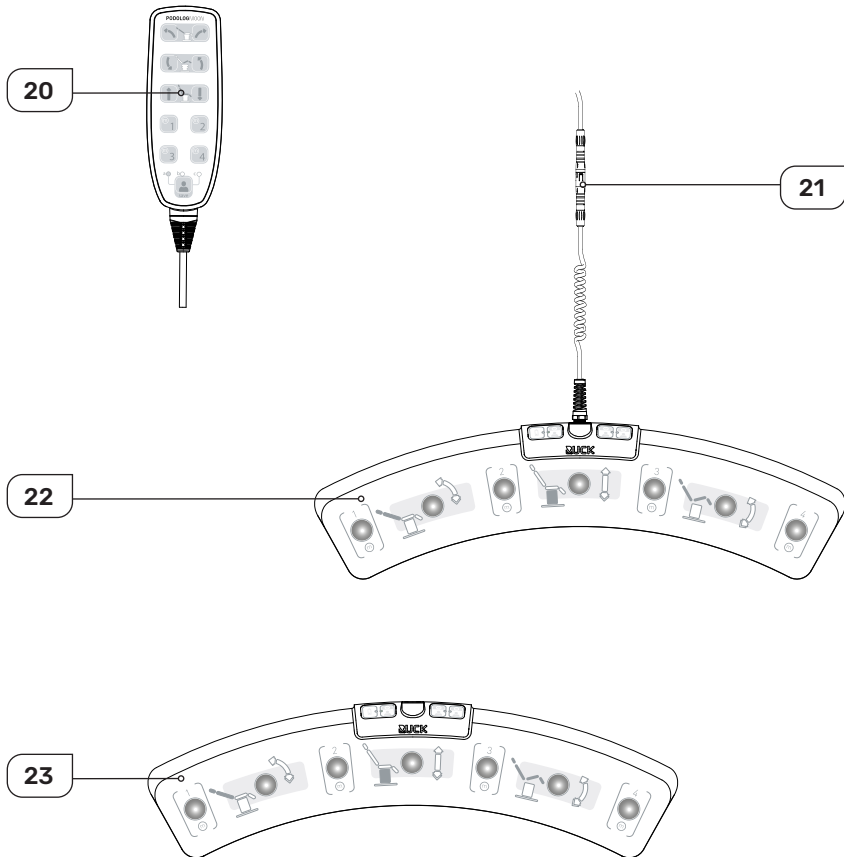
- 1 Head cushion
- 2 Neck cushion
- 3 Back cushion
- 4 Armrests
- 5 Armrest cushion
- 6 Seat cushion

- 7 Hand wheel for rotation
- 8 Calf support
- 9 Footrest
- 10 Clamp lever – footrest (optional)
- 11 Levelling pad



- 12** Patient-operated switch for backrest tilt (optional)
- 13** Release mechanism for gas-pressurised spring (optional)
- 14** Electrical height adjustment for footrest (optional)

- 15** Magnetic switch for footrest extension (optional)
- 16** Lifting system
- 17** Base plate
- 18** Mains cable
- 19** Transport lock



- 20** Manual control (optional)
- 21** Foot control plug connector (optional)
- 22** Foot control, wired (optional)
- 23** Wireless foot control (optional)



## **2.2 Functionality**

The podiatry couch is equipped with up to five electric motors. The motors can be activated individually or via the memory buttons. A separate motor is used for adjustment of the seat section and backrest, as well as the height adjustment. The podiatry couch can be continuously adjusted by motor from a sitting position to a flat position.

The podiatry couch can be rotated manually and the leg supports can be adjusted via gas pressure springs, or optionally they can be adjusted via electric drives. The foot supports can be fixed in place via clamp levers or optionally via magnetic switches.

## **2.3 Intended usage**

The podiatry couch is used for supporting persons in a sitting or reclining position for the duration of treatment under supervision (maximum 6–7 hours).

The podiatry couch is intended for use in practices for podiatry, foot care and/or orthopaedics, in diabetic outpatient foot clinics, and in medical practices and medical clinics.

Maximum weight of the person being treated: 250 kg / 550 lbs.

Only 1 person is allowed on the couch at a time. Minors and persons with mental, sensory or motor impairments must be constantly supervised by the operator.

Any other use is non-intended use.

Intended use also includes compliance with all instructions, safety instructions and regulations specified in these instructions for use.

Conversions, modifications, attachment of supplemental equipment that is not provided by the manufacturer are not permitted. Exceptions can only be approved by the manufacturer in writing.

If the device is not used as intended, all liability is excluded and the warranty is rendered null and void.

## 2.4 Prerequisites and qualifications of operators

Age range of operators:

- › Minimum age: 18-years
- › Maximum age: Time of retirement from professional life

Typical occupations of operators:

- › Pedicurists
- › Podiatrists
- › Alternative practitioners
- › Medical practitioners

Necessary qualifications of the operator:

The person must have appropriate expertise and be authorised to treat patients.

Typical tasks performed by operators at the podiatry couch:

- › Making positional changes during treatment
- › Cleaning the podiatry couch

## 2.5 Suitable operating conditions

Room temperature

Air humidity 30 – 75%

Air pressure: 700 – 1060 hPa.



### **IMPORTANT**

Make sure that the relative humidity does not fall below 30%. If the floor is made of synthetic material and the humidity is too low, electrostatic discharges could affect the functioning of the unit.

### 3 Basic safety instructions

The following notices are provided for the safety for all persons who own, operate or are treated on the podiatry couch.

**Observe and adhere to the notices to avoid personal injury. If you ignore the safety instructions and warning notices, you bear the responsibility. Liability of the manufacturer is excluded.**

#### 3.1 Hazards due to an unsuitable installation site



##### **WARNING**

Make sure that the podiatry couch is positioned so that all parts of the couch are a sufficient distance from walls and other furnishings. If the backrest comes up against the wall and the drive continues to run, the couch will be pushed away from the wall. The backrest can suddenly drop down all the way. This can startle or even injure the patient. It can also destroy the motor.

Move the couch into all positions before a person sits on it for the first time.

Make sure that the couch is level and stable. Rocking motions of the couch or a leaning couch can lead to undesired and dangerous changes in the position of the person being treated.

Use the supplied levelling pads to ensure the couch is in a stable and secure position.



##### **DANGER**

Do not operate the podiatry couch in rooms containing flammable or explosive substances. Danger of fire or explosion!

### 3.2 Hazards due to overloading or improper operation



#### **WARNING**

Make sure that no more than 1 person is on the couch at the same time and that the permissible weight of 250 kg / 550 lbs is not exceeded. Risk of injury due to breaking the couch or falling off the couch.

Only operate drives when you have ensured that the patient is not endangered by the change in position.

Make sure that no limbs are located in moving parts of the mechanism. Danger of crushing and shearing.

Make sure that no one sits or leans on the armrests, footrests or head end of the couch. Components can break if placed under too much load. Maximum permissible load on these components: 20 kg / 44 lbs each.

Breaking components can cause injury to people.

Do not leave minors or persons with mental, sensory or motor impairments unattended on the couch. Risk of injury due to incorrect operation or falling from the couch.

Take appropriate measures to ensure that the couch can only be used by persons who are authorised to do so.

Do this by disconnecting the mains plug, switching off the power socket or locking the treatment room whenever you are not carrying out a treatment.

### 3.3 Electromagnetic disturbances – Requirements and tests

The emitted interference and interference immunity ratings of the podiatry couch meet the requirements imposed on devices that are not intended for life-support in the typical clinical environment. Medical electrical equipment is subject to particular precautionary measures relative to electromagnetic compatibility (EMC). These devices must be installed and operated in accordance with the EMC instructions in the accompanying documents. Detailed information on emitted interference and interference immunity is provided on the pages starting at 61.

In particular, observe the following notices in order to avoid unwanted and potentially dangerous effects.



#### **WARNING**

Ensure a minimum distance of 30 cm / 12 in between the podiatry couch and mobile high-frequency communication devices.

Such devices include cordless phones, mobile phones, laptops with Wi-Fi or Bluetooth capability and accessories such as antenna cables and external antennas.

These devices can affect medical electrical equipment.

Ensure a minimum distance of 30 cm / 12 in between the podiatry couch and other electrical equipment.

If it must be operated in the vicinity of other devices, you should observe the podiatry couch to verify that it can be safely operated as intended when in this arrangement.



#### **IMPORTANT**

The emission properties of the podiatry couch are suitable for use in industrial areas and hospitals. If the couch is used in a residential environment, it is possible that it will not provide adequate protection for high frequency communication services. The operator may need to take remedial action, such as relocating or repositioning the couch.

### 3.4 Hazards due to modifications to the device

**WARNING**

Do not carry out any conversions, modifications, repairs or maintenance on the podiatry couch that are not described in these instructions for use and have not been authorised by the manufacturer.

Do not use any accessories, converters or cables that have not been approved or provided by the manufacturer.

Unauthorised modifications or unsuitable accessories can lead to the following hazards:

- › Risk of injury due to sharp-edged, breakable or overloaded components
- › Risk of injury due to malfunctions
- › Increased electromagnetic interference emission
- › Reduced interference immunity

**WARNING**

Before every treatment, make sure that all accessible components of the podiatry couch are present and undamaged. This applies especially to safety devices, coverings and the mains cable. Check all functions of the couch before each treatment.

Missing or damaged components can endanger operators and patients.

Contact RUCK Service immediately to have any identified defects remedied as quickly as possible.

Only operate the podiatry couch again after all defects have been eliminated or after consultation with the manufacturer.

### 3.5 Hazards due to the use of several podiatry couches operated with wireless foot controls



#### **WARNING**

If you operate several podiatry couches with wireless foot controls, it is important that you do not mix up the wireless foot controls. If you initiate a movement on a podiatry couch other than the one desired, persons on the couch or third parties may be injured.

Ensure that the assignment of the wireless foot control to the respective couch is clear and correct. To do this, label the wireless foot controls and the corresponding couches.

Test the assignment before you treat a person.

### 3.6 Hazards due to inadequate disinfection



#### **WARNING**

Disinfect the podiatry couch after each treatment. Insufficient disinfection can lead to transmission of disease. Observe the requirements of the responsible national body for hygiene and disinfection.

## **4 Transport and start-up**

### **4.1 Scope of delivery**

Verify that the delivery is complete.

1. Podiatry couch
2. Neck cushion
3. Head cushion
4. Foot control / Manual control
5. Armrests
6. 10 Levelling pads
7. Instructions for use
8. Transport lock

### **4.2 Delivery and temporary storage**

The podiatry couch should be delivered and temporarily stored in the transport box.

### **4.3 Storage conditions**

Ambient temperature -15 °C to +40 °C

Air humidity 30 – 75%

Permissible air pressure: 700 – 1060 hPa.

### **4.4 Delivery**

If delivered at a cold time of the year (outdoor temperature <5 °C), a conditioning period of at least 48 h should be observed.

Prior to commissioning, check whether the mains voltage agrees with the rated voltage and frequency specified on the rating plate (on the rear of the sheet metal cladding). Connect the podiatry couch with the provided mains cable (rolled cable length: 180 cm / 5.9 ft) to a power socket with a protective earth contact.



### 4.5 Unloading and setting upright

#### 4.5.1 Transport locks

The two red transport locks are mounted on the sides of the backrest and protect the podiatry couch from being damaged during transport.

Only remove the transport locks once the couch is installed in its final place and has been aligned and levelled.

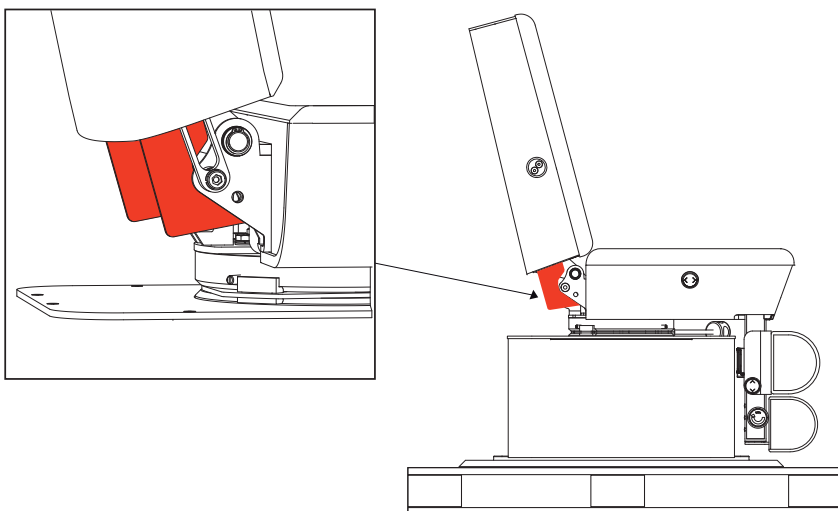
Keep the transport locks for subsequent moves. You can use them to secure the couch again should you wish to change its position at the installation site. We are happy to advise you on transporting your podiatry couch as part of a move.



#### IMPORTANT

If you change the position or lean of the podiatry couch without transport lock, parts of the couch can be deformed or broken.

We do not assume any liability or warranty for this.



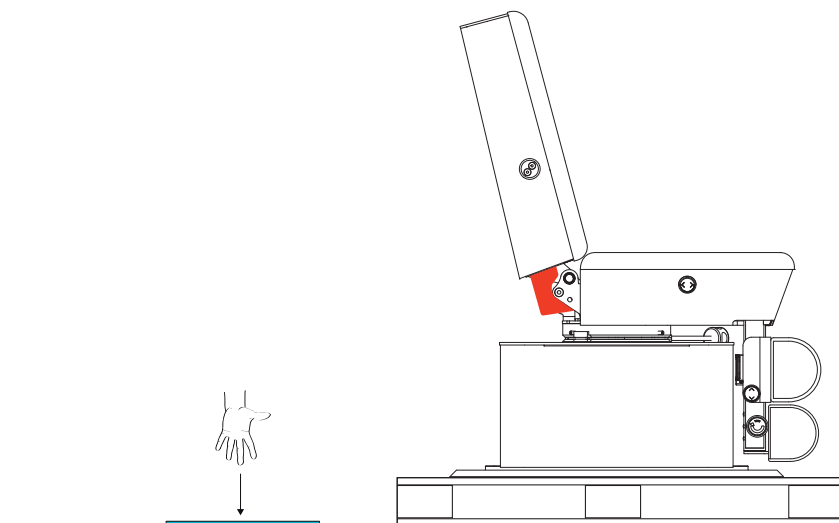
### 4.5.2 Setting upright

Setting the podiatry couch upright is a task for 2 people.

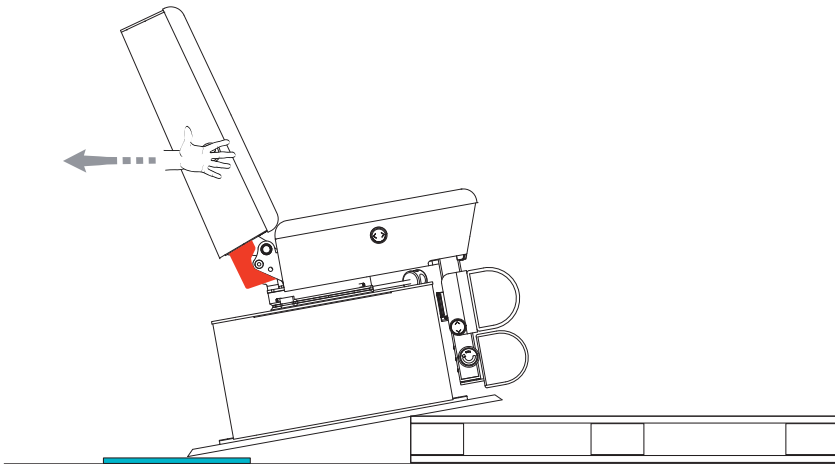


#### CAUTION

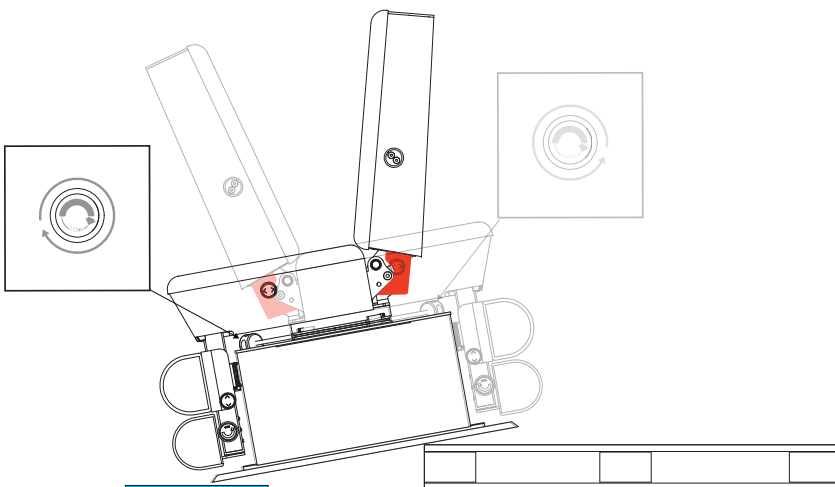
The podiatry couch weighs approx. 200 kg / 440 lbs.  
Do not try to lift or move the couch on your own.  
You risk harming your health.



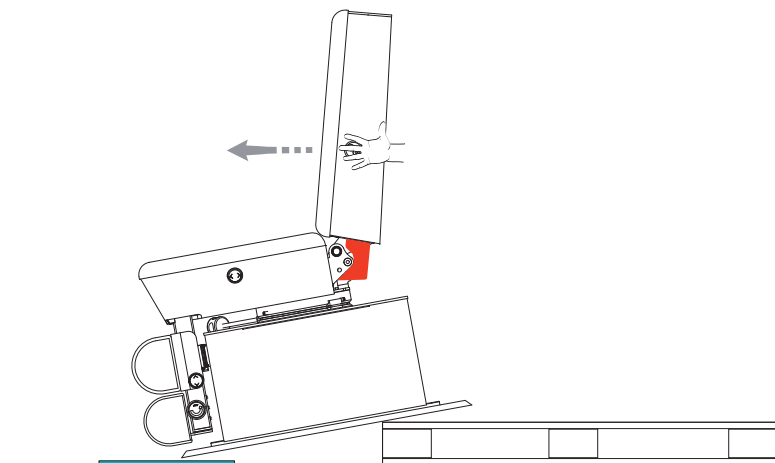
1. To protect the base plate, place a protective mat (e.g. foot mat) in front of the pallet to which the couch is attached.



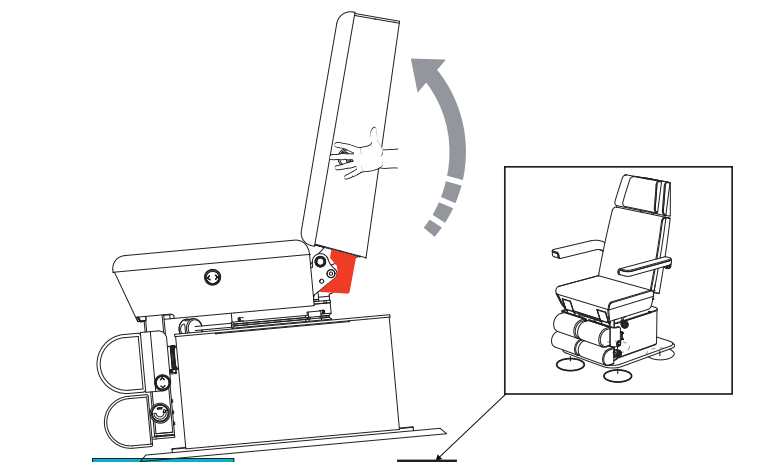
2. Grip the two armrest mountings on the right/left of the backrest as shown. Pull the podiatry couch off the pallet in the direction indicated by the arrow until the floor plate is sitting on the protective mat.



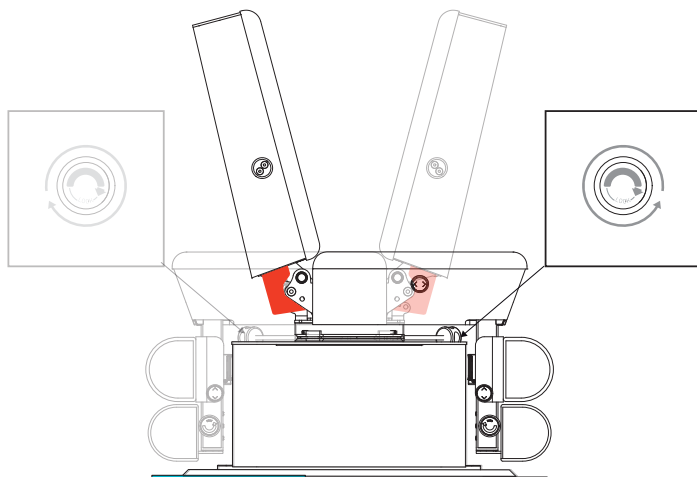
3. Turn the podiatry couch 180° so that the foot supports do not come into contact with the pallet when lowering. To do this, open the hand wheel for rotation.



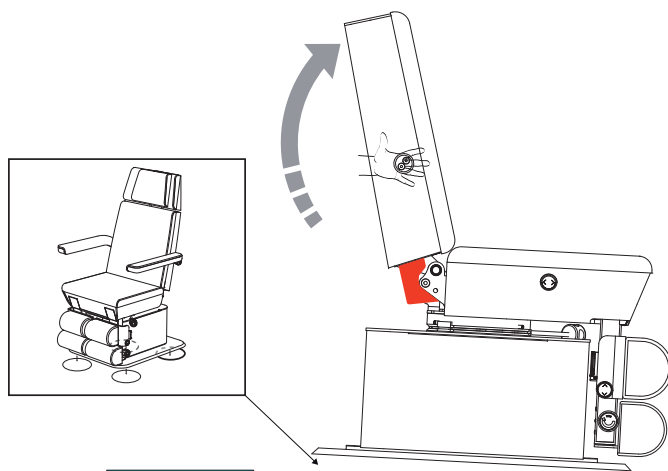
4. Grip the two armrest mountings on the right/left of the backrest as shown. Lift the podiatry couch and have a second person pull out the pallet from underneath.



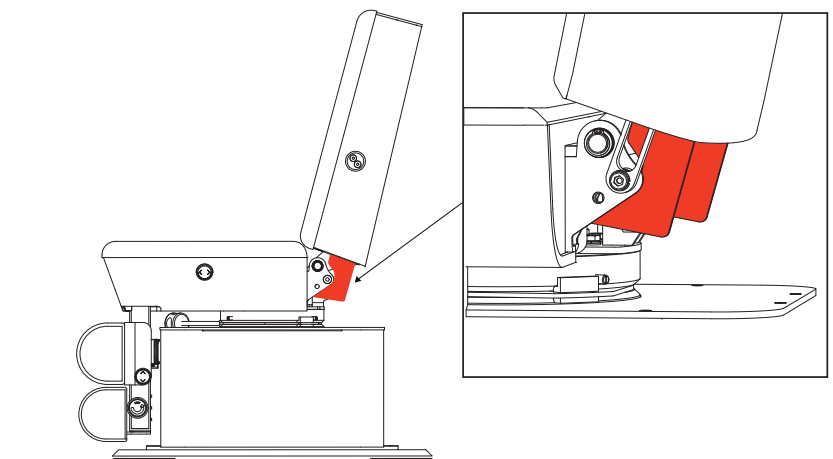
5. Grip the two armrest mountings on the right/left of the backrest as shown. Lift the podiatry couch and have a second person place two levelling pads under the floor plate.



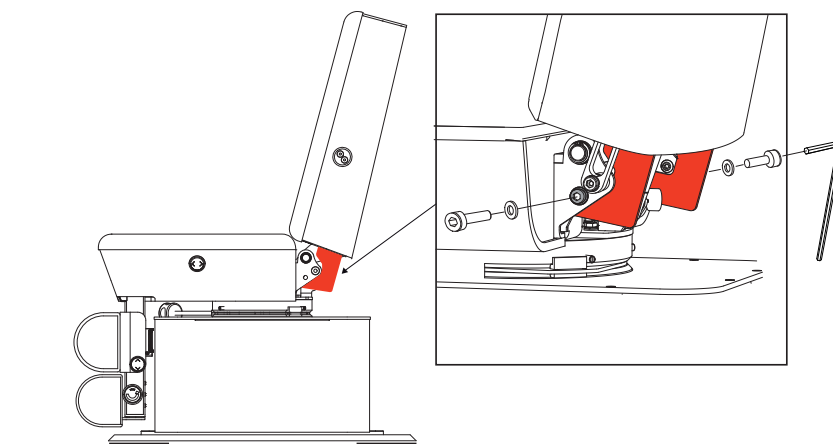
6. Turn the podiatry couch by 180°.



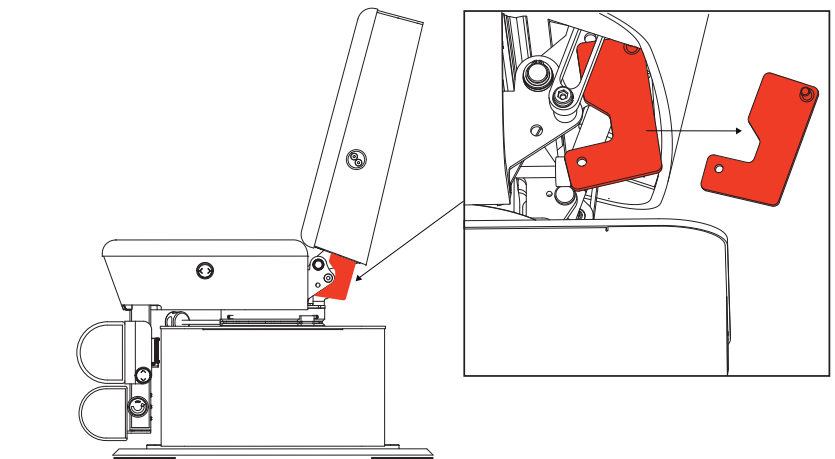
7. Grip the two armrest mountings on the right/left of the backrest as shown. Lift the podiatry couch and have a second person place two levelling pads under the floor plate.



8. The two red transport locks must be removed before commissioning the podiatry couch. Failure to do so may mean that the backrest cannot be tilted, the drive and/or seat and backrest may thereby be damaged.



9. Before starting to remove the transport lock, protect the wood cover of the lift cladding and the floor plate of the podiatry couch. Use an Allen key to loosen the hexagon socket screw on the right/left and remove with the corresponding washer.



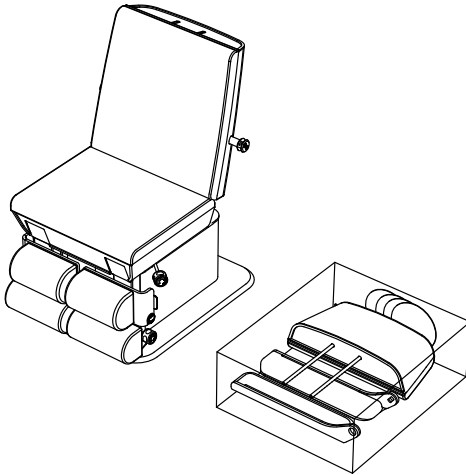
10. Remove the transport locks downwards.



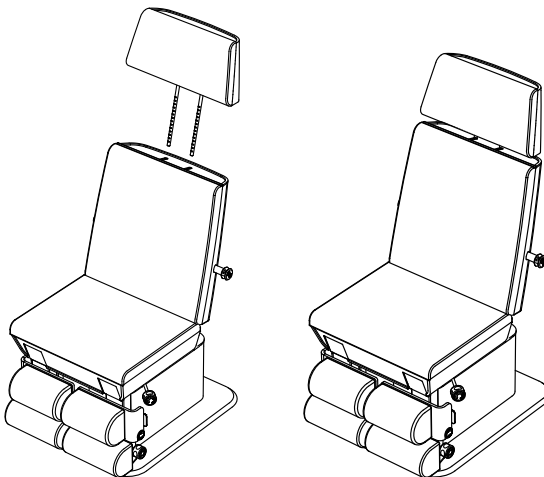
Keep the transport locks for subsequent moves. You can use them to secure the couch again should you wish to change its position at the installation site. In order to do so, follow points 8 - 10 in the reverse order.

Changing the position of the couch without using the transport locks can damage the couch.

#### 4.6 Mounting the headrest



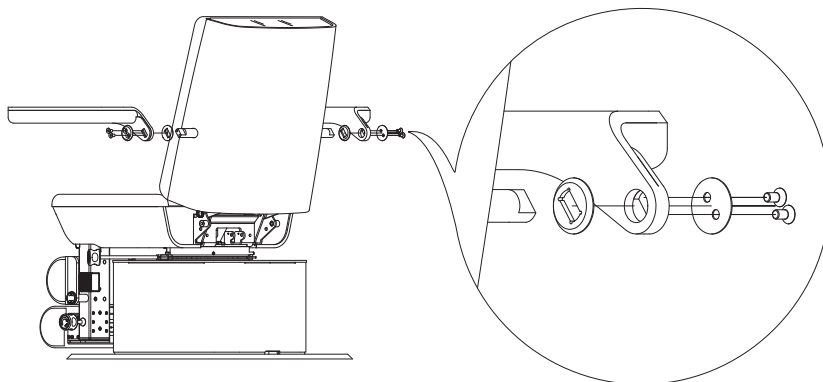
Appearance after unpacking



Podiatry couch with mounted headrest



### 4.7 Mounting the armrests



Mount the armrests using the supplied mounting materials.

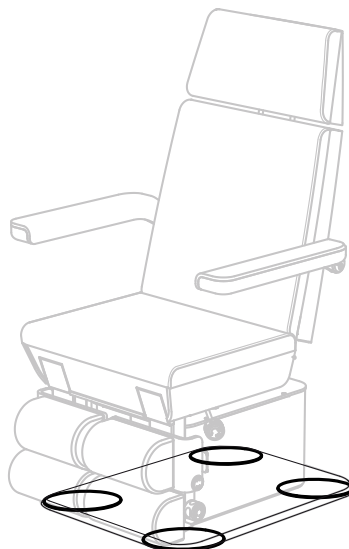
### 4.8 Stabilising the couch with the levelling pads

Place the podiatry couch onto the supplied levelling pads. Place 1 levelling pad under each corner of the base plate. If the floor is uneven, multiple pads can be placed one above the other.



#### **WARNING**

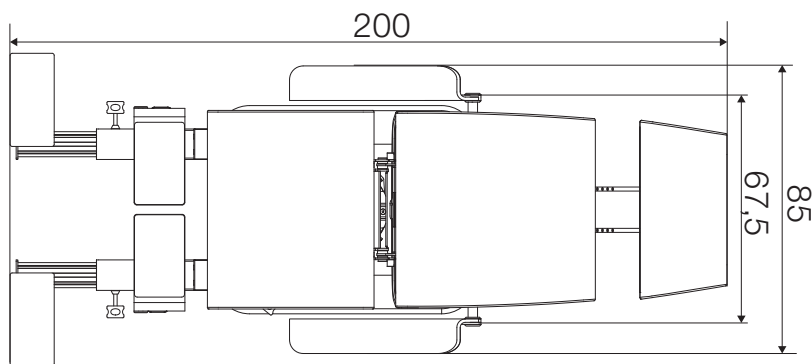
The couch only achieves its maximum stability and steadiness when levelling pads are placed underneath. Without levelling, unwanted shifting of the couch could present a danger to people.



## 4.9 Preparing for start-up

Make sure there is sufficient space around the couch to extend it fully. The couch must be able to be brought into all of its maximum positions without coming up against walls or other objects.

Please note that turning the couch will require additional space.



Dimensions of the podiatry couch (in cm)



### IMPORTANT

Before switching on for the first time: Make sure the **transport locks have been removed**. Otherwise, the backrest cannot move. Drive motors can become damaged.

### 4.10 Connect to the mains power supply

Prior to start-up, check whether the mains voltage matches the rated voltage and frequency specified on the rating plate (on the rear of the sheet metal cladding). Connect the podiatry couch with the provided mains cable (rolled cable length: 180 cm) to a power socket with a protective earth contact.

The mains plug and socket must be easily accessible so that the podiatry couch can be quickly and easily disconnected from the mains supply. Alternatively, you can connect the couch to a socket that can be disconnected from the mains by a switch.

If delivered at a cold time of the year (outdoor temperature  $< 5^{\circ}\text{C}$ ), a conditioning period of at least 48 h should be observed before the podiatry couch may be turned on.

#### 4.10.1 Laying of cables



##### **WARNING**

Lay the mains cable and the foot control cable\* such that the cables cannot get in the way of moving parts of the couch. Crushed cables can make the couch electrically live or cause a short circuit. Risk of fatal injury from electric shock!

Lay all cables such that no cable can create a tripping hazard. Risk of injury!

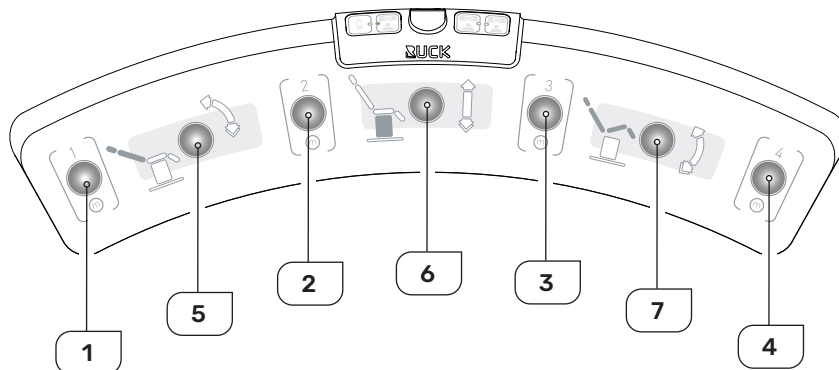
Make sure the couch can be quickly disconnected from the mains power in an emergency. Make sure the mains plug is easily accessible or use a socket that can be switched off.

\* If present.

## 5 Operation and use

### 5.1 Control elements on the foot control

#### 5.1.1 Basic functions of the foot control

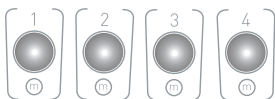


The 7 dark grey buttons are intended to be operated with the feet. However, they can also be operated by hand. This requires a certain amount of strength.



#### IMPORTANT

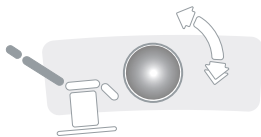
Never put your whole body weight on the buttons. Too much weight can damage the buttons.



#### 1, 2, 3, 4 - Memory buttons

You can use the memory buttons to move to saved positions. These positions can be individually programmed for each of the 3 selectable operators, see page 37.

Press a memory button and hold the button down to bring the podiatry couch to a saved position. The drives will only run as long as the button is held down.



### 5 - Button for adjusting the backrest tilt

Press the button to tilt the backrest backwards. Tap the button 2 times in quick succession and then hold the button down to tilt the backrest forwards.



### 6 - Button for height adjustment

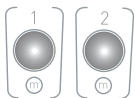
Press the button to raise the seat upwards. Tap the button 2 times in quick succession and then hold the button down to lower the seat downwards.



### 7 - Button for adjusting seat inclination

Press the button to tilt the seat and backrest backwards at the same time. Tap the button 2 times in quick succession and then hold the button down to tilt the two elements forwards.

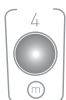
### 5.1.2 Additional functions of memory buttons 1 and 2: Button lock



Press memory buttons **1** and **2** at the same time and hold the buttons down until you hear 2 beeps. All LEDs light up: The button lock is now active.

Deactivate the button lock by pressing and holding both buttons again until you hear 2 beeps. The button lock is now deactivated again.

### 5.1.3 Additional functions of memory buttons 1 and 4: Initialisation



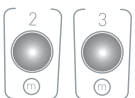
After maintenance tasks or replacement of components, the drives need to be reinitialised.

Press memory buttons **1** and **4** at the same time and hold the buttons down. The couch will be initialised. Several short beeps sound during initialisation. Release the buttons again when no sound is heard for at least 3 seconds.

Move all drives into their respective maximum and minimum positions using the buttons **5**, **6** and **7**.

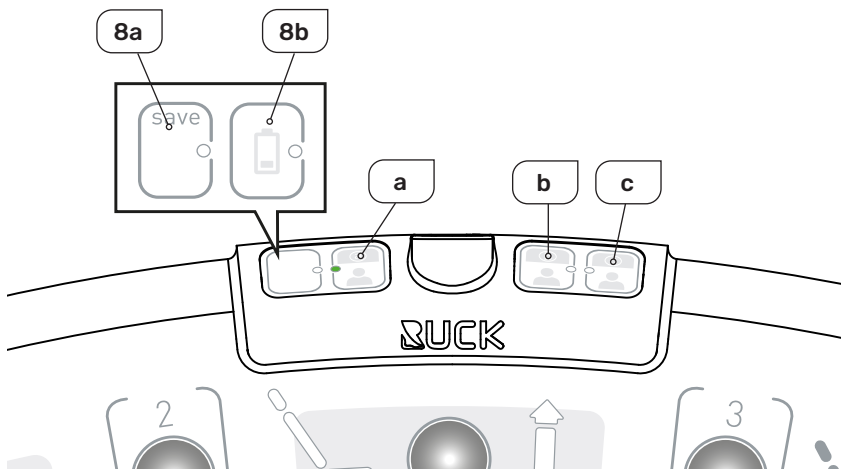
After this, the podiatry couch is again ready for operation.

### 5.1.4 Additional functions of memory buttons 2 and 3: Resetting the memory positions



Press memory buttons **2** and **3** at the same time and hold the buttons for at least 10 seconds in order to reset all memory positions to the factory default settings.

## 5.1.5 Short-stroke keys



The short-stroke keys are intended to be operated with the fingers. They respond to gentle pressure.

**8a** Memory key – only with wired foot control

**8b** Battery indicator – only for wireless foot control.

Lights up for 3 seconds each time a key is pressed when the battery is low. A beep sounds at the same time.

Battery change: see page 57.

**a** Profile key – Operator a

**b** Profile key – Operator b

**c** Profile key – Operator c

### **Personalising with the profile keys**

The profile keys can be used to personalise the predefined positions of the podiatry couch. It is possible to define positions for 3 operators.

Press a profile key to activate that operator. When a profile key is pressed, the corresponding LED lights up for 2 seconds.

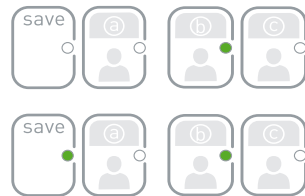
The respective positions can be moved to using the memory buttons.



### 5.2 Saving memory positions

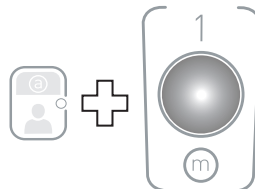
#### 5.2.1 Wired foot control: Saving a memory position

1. Move the drives to any position using buttons **5**, **6** and **7**.
2. Select the desired profile: **a**, **b** or **c**.  
The selection is visually indicated by the corresponding LED lighting up.
3. Press **save**. The LED lights up.  
You now have 10 seconds to save one of the 4 memory positions.
4. Press one of the 4 memory buttons and hold the button down for 3 seconds.  
When the beep sounds, the memory position has been saved.



#### 5.2.2 Wireless foot control: Saving a memory position

1. Move the drives to any position using buttons **5**, **6** and **7**.
2. Press the key for the desired profile **a**, **b** or **c** simultaneously with the desired memory button.  
When 2 beeps sound, the memory position has been saved.



## 5.3 Wireless foot control: Pairing with the control unit

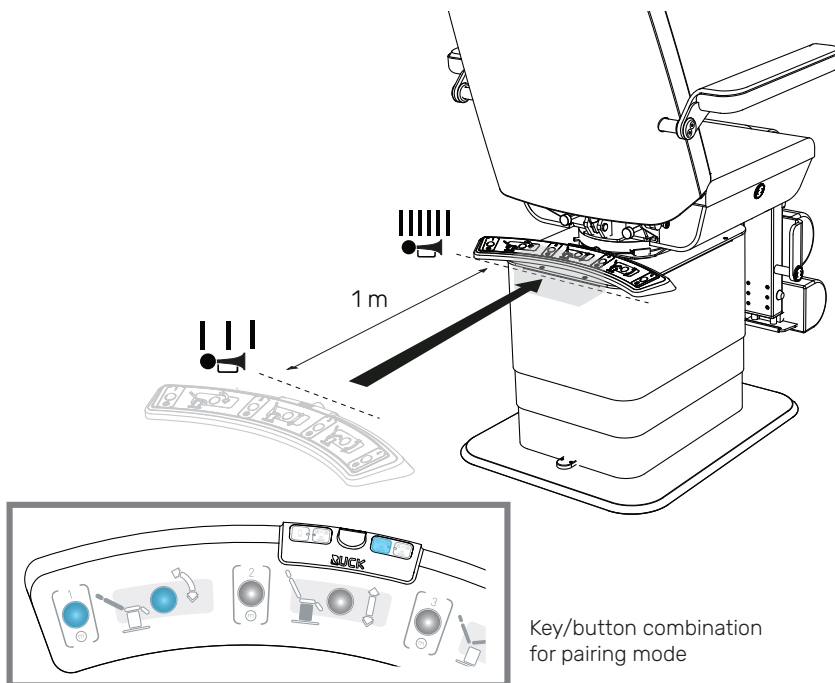
After replacing the foot control, the wireless connection between the foot control and the control unit must be re-established. This process is called "pairing". To do this, pairing mode must be activated on the foot control. The foot control must be approx. 1 metre (3.3 ft) away from the couch.

You must then guide the foot control from behind to the lifting system and place it on the plate of the lifting system. The control unit is located under this plate.



### IMPORTANT

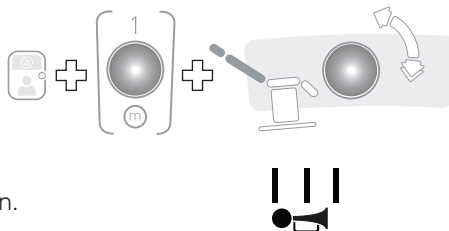
If you are operating several podiatry couches with wireless foot controls, make sure that all other couches are disconnected from the mains supply before pairing. This prevents the foot control from being accidentally paired with the wrong couch.



### Implementation

1. Press the key **b** and the buttons **1** and **5** of the foot control simultaneously.

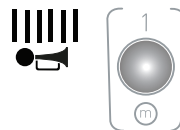
The foot control is now in pairing mode.  
Beeps sound in slow succession.



2. Release the buttons and the key.
3. Move the foot control from behind towards the couch and place it on the plate of the lifting system.

The beeps now sound in quick succession.

4. Press button **1** when the beeps sound in quick succession.



The pairing process is complete.

### Checking the functionality

Check all movement functions after pairing.

If you are operating several podiatry couches with wireless foot controls, check that the newly paired foot control only moves the desired couch.



#### WARNING

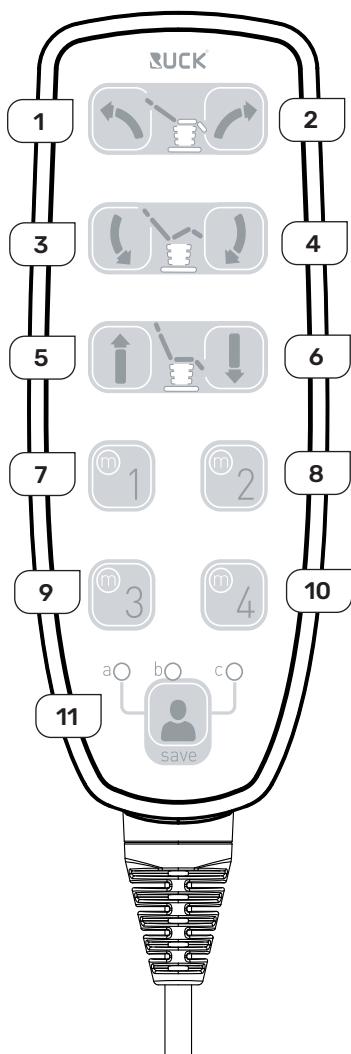
If you operate several podiatry couches with wireless foot controls, it is important that you do not mix up the wireless foot controls. If you initiate a movement on a podiatry couch other than the one desired, persons on the couch or third parties may be injured.

Ensure that the assignment of the wireless foot control to the respective couch is clear and correct. To do this, label the wireless foot controls and the corresponding couches.

Test the assignment before you treat a person.

## 5.4 Control elements on the manual control

### 5.4.1 Basic functions of the keys



1

2

#### Keys for adjusting the backrest tilt

Press key **1** to tilt the backrest backwards. Press key **2** to tilt the backrest forwards. This brings the backrest back into upright position.

3

4

#### Keys for adjusting seat inclination

Press key **3** to tilt the seat and backrest backwards at the same time. Press key **4** to tilt both elements forwards again at the same time. This brings the seat back into home position.

5

6

#### Height adjustment

Press key **5** to raise the seat upwards. Press key **6** to lower the seat downwards.

7

8

9

10

### Memory keys

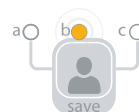
You can use the memory keys to move to saved positions. These positions can be individually programmed for each of the 3 selectable operators. You can select the operator using the **save** key (11).

Press a memory key and hold the key down to bring the podiatry couch to a saved position. The drives will only run as long as the key is held down.

11

### Saving memory positions with the save key

1. Move the drives to any position using function keys **1** to **6**.
2. Press the **save** key to select an operator. The selection is visually indicated by the corresponding LED lighting up.
3. Hold the **save** key down for 3 seconds, until the selected LED of the selected operator flashes. You now have 10 seconds to save one of the 4 memory positions.
4. Press the desired memory key and hold the button down for 3 seconds. When the beep sounds, the memory position has been saved.
5. The LED of the selected operator remains constantly lit again.



#### **5.4.2 Additional functions of memory keys 7 and 10: Initialisation**

After maintenance tasks or replacement of components, the drives need to be reinitialised.

Press memory keys **7** and **10** at the same time and hold the keys down. The couch will be initialised. Several short beeps sound during initialisation. Release the keys again when no sound is heard for at least 3 seconds.

Move all drives into their respective maximum and minimum positions using the function keys.

After this, the podiatry couch is again ready for operation.

#### **5.4.3 Additional functions of memory keys 8 and 9: Resetting the memory positions**

Press memory keys **8** and **9** at the same time and hold the buttons for at least 10 seconds in order to reset all memory positions to the factory default settings.

#### **5.4.4 Additional functions of memory keys 7 and 8: Key lock**

Press memory keys **7** and **8** at the same time and hold the keys down until you hear 2 beeps. All LEDs light up: The button lock is now active.

Deactivate the key lock by pressing and holding both keys again until you hear 2 beeps. The button lock is now deactivated again.

## 5.5 Plug connector for the manual control and the wired foot control

To replace the manual control or the wired foot control, the plug connector must be disconnected. Observe the following notices to avoid damage.

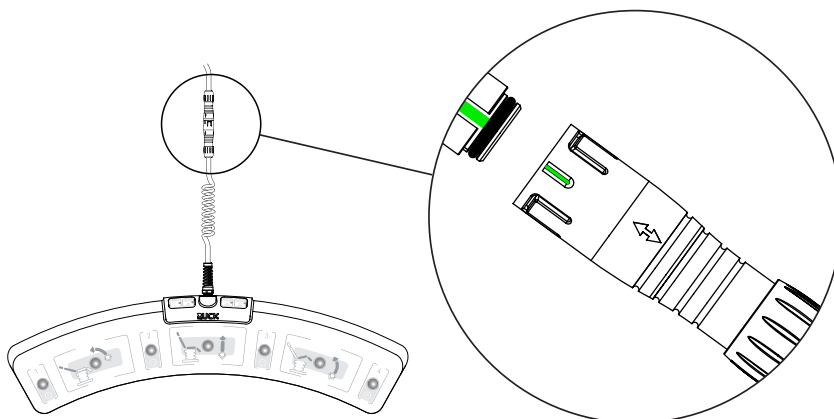


### IMPORTANT

Only disconnect the plug connector between the hand or foot control and the podiatry couch after consulting with RUCK Service. The podiatry couch must be **disconnected from the mains** to do this. Otherwise, the electronics could become damaged.

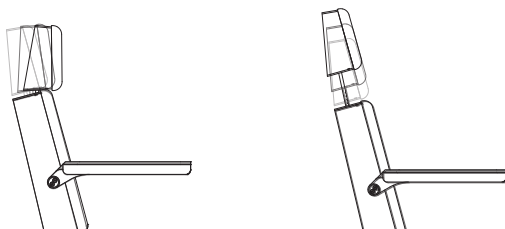
After disconnecting from the mains, wait at least 30 seconds to allow the system to fully discharge.

Check the correct alignment of the plug connector when connecting the switch: the green markings of both connectors must be lined up together; see the illustration.



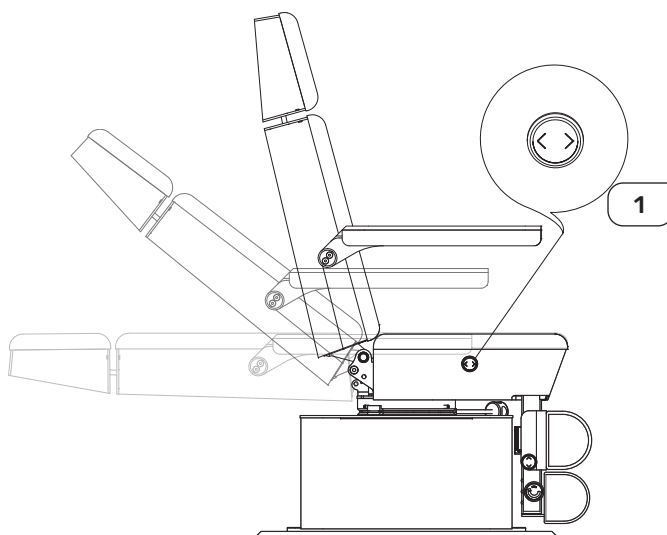
## 5.6 Adjustment options for the headrest

The headrest can be inclined by 15° and can be pulled out in stages. The headrest can also be completely removed from the backrest.



## 5.7 Adjusting the backrest using the patient switch

The patient can use the patient switch **1** to adjust the backrest to a personally comfortable position.



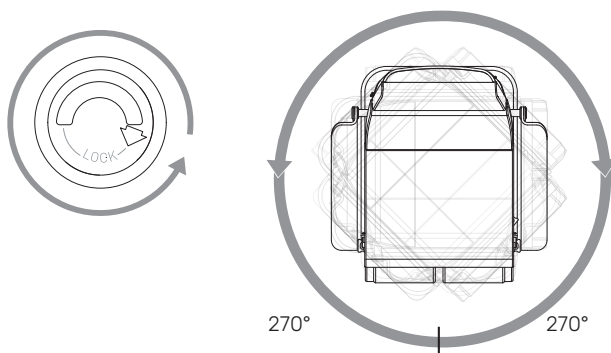


## 5.8 Turning the seat

The seat can be swivelled horizontally if the swivel lock is released. The swivel lock can be released and locked by a hand wheel.

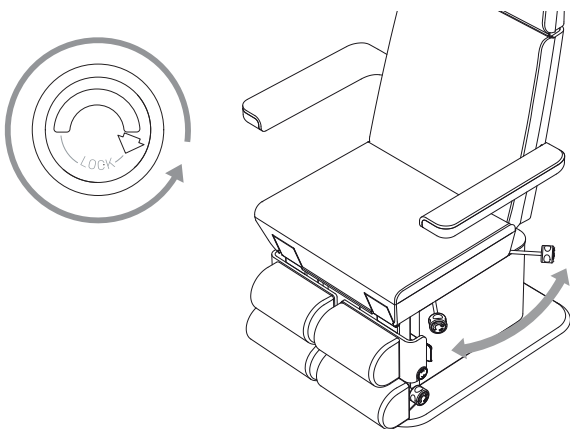
Clockwise rotation: 270°

Anticlockwise rotation: 270°



### 5.8.1 Changing the position of the hand wheel

When the hand wheel is released, the hand wheel itself can be moved to a different position.



### 5.8.2 Changing sides of the hand wheel

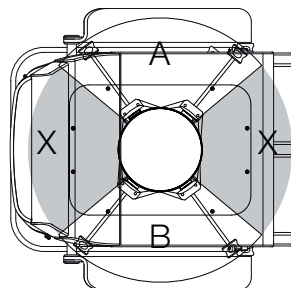
The hand wheel can be converted to position it on the other side of the podiatry couch. The hand wheel must not stick out to the front or back.



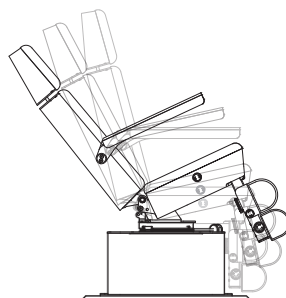
#### CAUTION

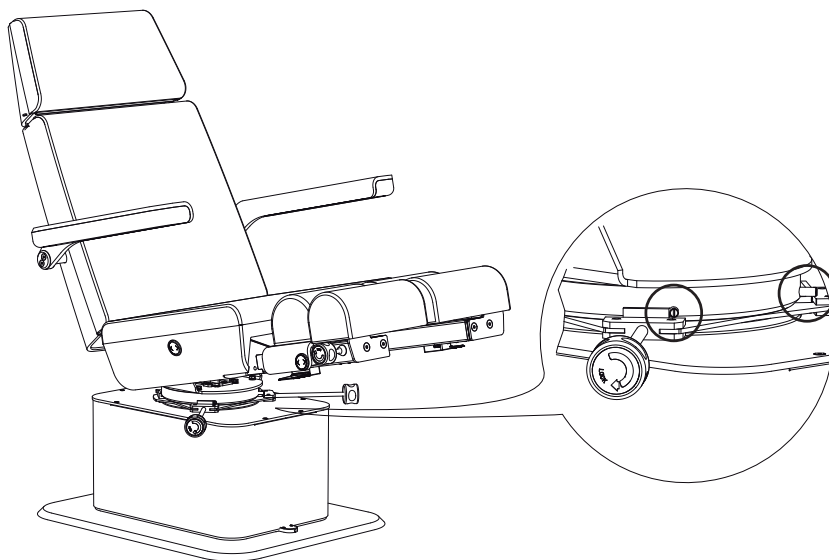
Only position the hand wheel on the sides (area A or B).

If positioned in the area marked X, it poses a risk of injury to the operator. Also, if wrongly positioned, the podiatry couch could become damaged.



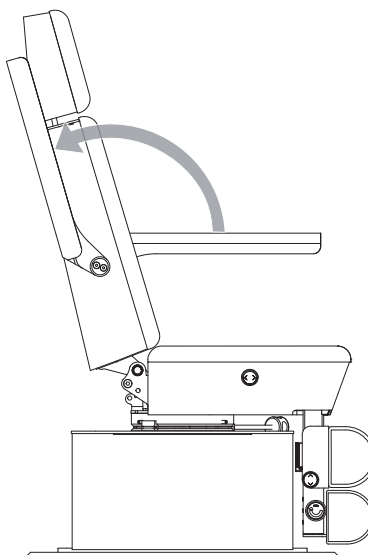
1. Tilt the seat backwards to gain access for fastening the hand wheel.
2. Use a screwdriver to unscrew the two marked slotted screws.
3. Position the hand wheel on the side in area A or B.
4. Tighten the two slotted screws again.





## 5.9 Armrests

Both armrests can be folded back: folded back position is for getting in and out of the couch. Folded down position is for resting the arms.



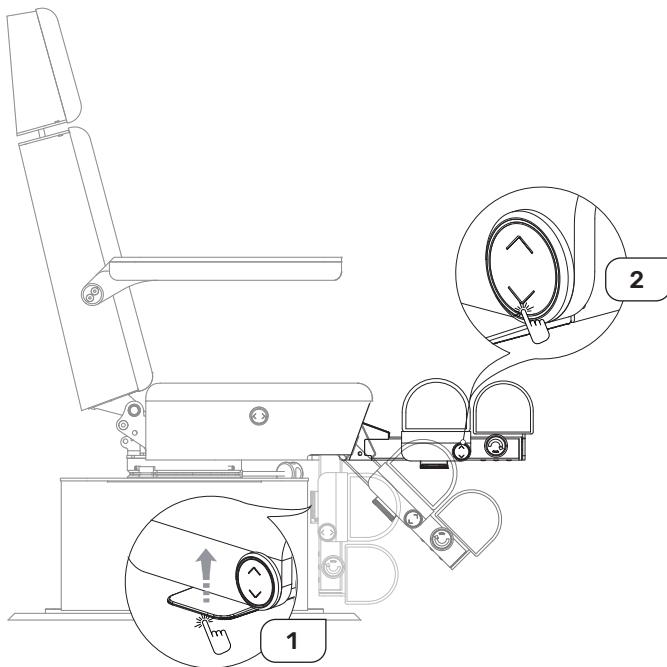
## 5.10 Calf support and footrest

### 5.10.1 Ergonomics

For optimal ergonomic treatment of the patient, it is recommended to have the patient's feet and legs in a suitable position. For this, the calf support and footrest offer versatile adjustment options.

### 5.10.2 Folding down the calf support and footrest

So that you do not need to lift the full weight of your patient's leg yourself, you have the assistance of powerful gas-pressurised springs. To adjust the calf support and footrest, activate the release mechanism **1** and select the desired position. This position will be reliably held by the gas pressure springs. Optionally the footrest of the podiatry couch can be tilted by motor **2**.



### 5.10.3 Extending the footrest

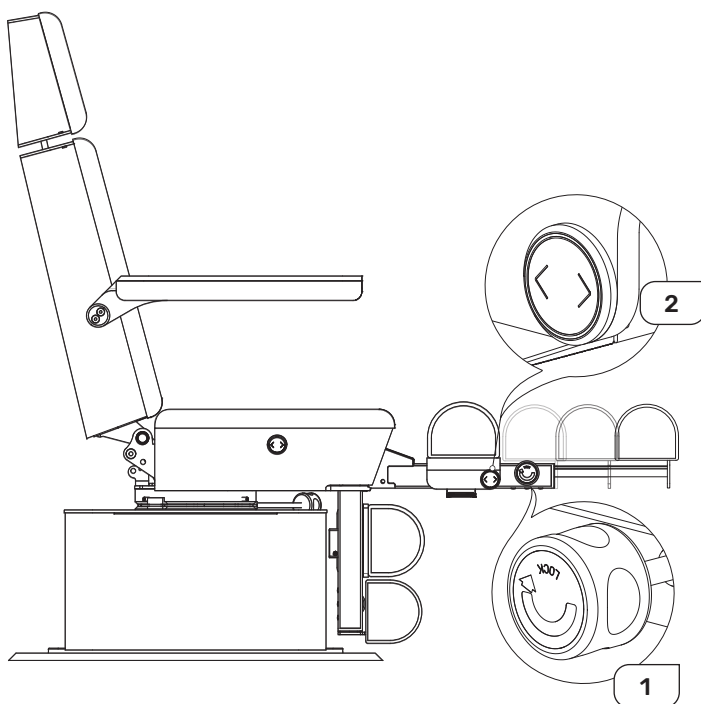
To extend the footrest to the desired length, release the hand wheel **1**. On the RUCK Podiatry Couch MOON, magnetic footrest, press the button **2**.



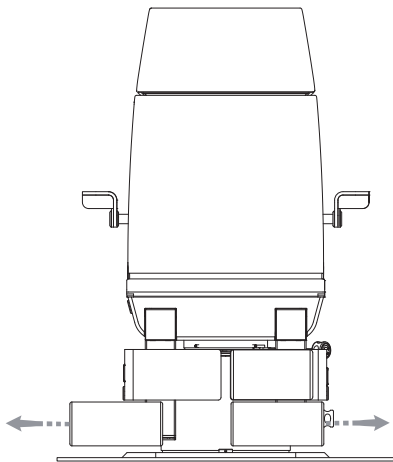
#### IMPORTANT

Hold the footrest firmly when loosening the lock.  
Otherwise, the footrest could drop down uncontrollably.

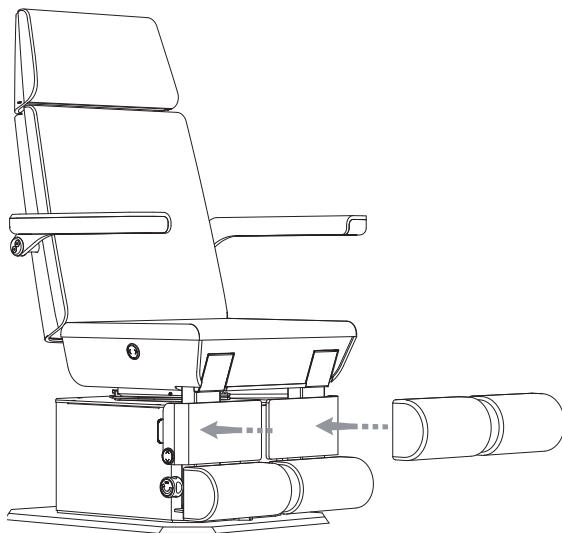
Make sure the footrests are always retracted before lowering the seat.  
Otherwise, they could be damaged by pushing against the base plate.



#### 5.10.4 Shifting the footrests horizontally



#### 5.10.5 Removing the magnetic calf supports



## 6 Maintenance and warranty

### 6.1 Maintenance every 24 months by RUCK Service

The podiatry couch is a medical device and therefore subject to special requirements. Safety and reliability of the product can only be permanently guaranteed if certain components are regularly checked or replaced by specialists. In such cases, worn parts will be replaced with original spare parts. We therefore recommend you have the device serviced by RUCK Service every 24 months.

This servicing includes an electrical safety inspection in accordance with DIN EN 62353.



#### **IMPORTANT**

Operating the podiatry couch without the necessary regular maintenance is entirely at your own risk.

Maintenance and repairs may only be carried out by authorised specialists. Only original spare parts may be used.

We do not assume any liability or warranty for lack of maintenance or improper performance of maintenance or repair.

#### **RUCK Service**

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75305 Neuenbürg, Germany

Phone +49 (0)7082 944 2 255

Fax +49 (0)7082 944 2 259

email [after-sales@hellmut-ruck.uk](mailto:after-sales@hellmut-ruck.uk)

web [www.hellmut-ruck.uk](http://www.hellmut-ruck.uk)



### 6.2 Maintenance by operator

Interval	Element	Task
Before each treatment	Entire podiatry couch	Visual check
Before each treatment	All electrically adjustable parts	Check functionality
After each treatment	All contact surfaces	Disinfect
Once a week	Cushions	Clean with damp cloth and care product

### 6.3 Cleaning and disinfection

The couch consists of different materials, some of which require specific cleaning agents and disinfectants. Use exclusively recommended and proven tools and products for cleaning and disinfecting.



#### **WARNING**

Disinfect the podiatry couch after each treatment. Insufficient disinfection can lead to transmission of disease. Observe the requirements of the responsible national body for hygiene and disinfection.



#### **WARNING**

Disconnect the couch from the power supply before cleaning or disinfecting. Do this by disconnecting the mains plug or switching off the power socket.

Danger of electric shock if liquid gets into the couch.



**IMPORTANT**

Unsuitable tools for cleaning and disinfecting can alter the colour, texture and other properties of the surfaces or damage components. Liquids and sprays can penetrate into the foot control or manual control and damage internal parts.

Never hold the foot control or the manual control under running water, and never immerse the switches in any liquid.

Do not use any concentrated disinfectants, solvents, cleaning agents or alcoholic liquids (>50% alcohol content) on leatherette or wooden surfaces. Do not use spray disinfection.

Remove residues of leaked fluids from the surface immediately with a soft cloth.

Take great care to ensure that the cleaning utensils used are clean. If mineral contaminants such as grains of sand or dust are embedded in the cleaning agents, this can destroy the surface.

Do not use any scouring agents, such as abrasive cleaners, cleaning sponges or similar items that may contain abrasive particles. Even cleaning cloths with plastic fibres can have an abrasive effect and consequently they can damage the surface. Over time, minor traces of use can appear on the surfaces.

These traces of use appear more or less obviously depending on colouring and lighting and are often not immediately visible. They do not constitute a lessening of utility. As is the case with all surfaces over the long term, due to the wear involved in the daily routine of the medical practice, they cannot be avoided.

We do not assume any warranty for surface discolourations that are attributable to the use of aggressive liquids (e.g. propolis, tea tree oil, chlorinated cleaners or similar products).

### 6.3.1 Disinfecting and cleaning contact surfaces

Recommended cleaning agent	Suitable for
RUCK surface disinfection wipes, alcohol-free, item no. 2967002	Leatherette, wood
RUCK surface disinfection wipes, with alcohol, item no. 2967102	Leatherette, wood
RUCK surface disinfection wipes, alcohol-free, item no. 2967202	Leatherette, wood
RUCK leatherette cleaner and care, item no. 2947001	Leatherette
RUCK microfibre cloth, gentle on surfaces, item no. 2961601	Wood
Soft cotton cloth	Wood

### 6.3.2 Disinfecting cushions and leatherette

Disinfect the leatherette surfaces after each treatment with RUCK surface disinfection wipes.

After disinfecting, wait for the exposure time for the disinfectant to work (see product label): 1 minute for bacteria or 5 minutes for fungi. You will find more instructions on the disinfectant.

Always allow the surface to air-dry. Do not try to wipe the surface dry.

### 6.3.3 Cleaning leatherette cushions

Clean the leatherette surfaces at least once a week with a damp cloth. Then use RUCK leatherette cleaner and care. This can also remove discolourations that have been left by clothes whose colours rub off (e.g. jeans).

Tip: Using disposable covers helps to avoid direct skin contact (body grease and sweat are sometimes quite aggressive) with the leatherette and thus to protect it.

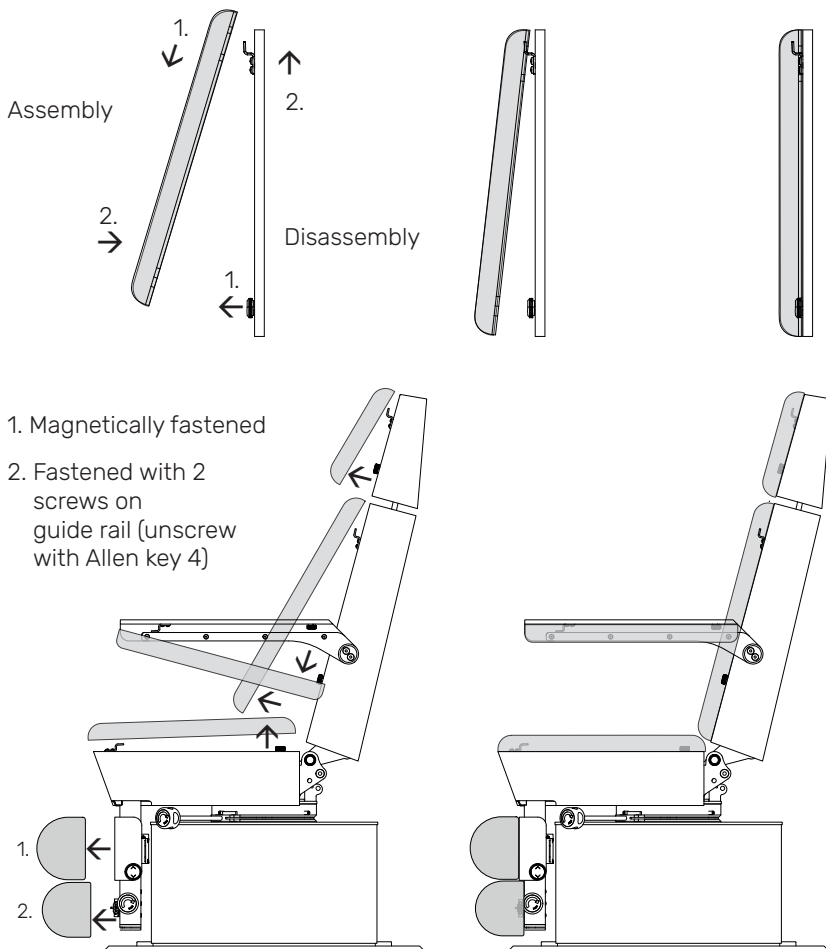
### 6.3.4 Cushion wear

Because the cushions of the podiatry couch are constantly subjected to significant stress, we recommend replacing them after approx. 3 years (with normal use). You can easily replace all cushions on your own (see the section Replacing cushions).

- Cushion complete set for RUCK Podiatry Couch MOON item no. 10492XX.

## 6.4 Replacing cushions

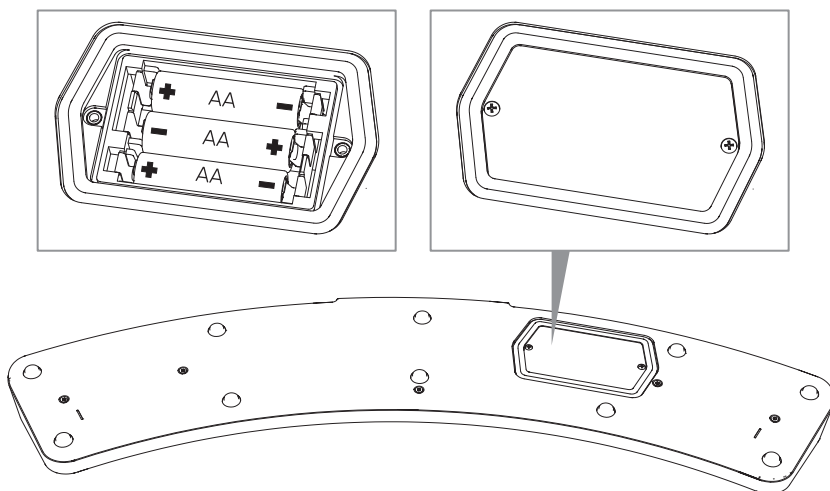
As shown in the illustrations below, the cushions of the podiatry couch can be replaced individually.



### 6.5 Wireless foot control: Battery change

If the battery is low or empty, the battery indicator LED lights up for 3 seconds each time a key is pressed. A beep sounds at the same time. Replace the 3 batteries in the foot control as soon as possible.

The battery compartment is located on the back of the foot control. You will need a small Phillips screwdriver to open and close the battery compartment. Ensure the correct polarity when inserting the batteries.



## **6.6 Warranty**

The product comes with a 2-year warranty. Normal wear and tear of surfaces, handles, clamping devices and/or moving components such as rollers, bearings, plug connections, suction hoses, and so on, are excluded from this warranty. Traces of use and signs of wear and tear which are based on normal use corresponding to the performance specifications and/or the nature of the product are in accordance with the contract and are not defects from a legal standpoint.

The warranty is valid from the date of purchase when the product was first bought. The date of purchase must be confirmed by the sales receipt. Within the scope of the warranty, HELLMUT RUCK GmbH will, at no charge, either repair or replace the defective products, at RUCK's discretion. This requires carriage-paid shipment of the defective product together with the purchase receipt. The local agent is responsible for claims made outside of Germany. In case of doubt, please check with RUCK before returning the device.

The warranty becomes null and void if we find that the problem was caused by improper or incorrect installation, assembly or usage, by non-observance of the instructions for use, by external intervention or as a result of an unauthorised repair or modification. The warranty is limited to repair or replacement of the product. Further liability (loss of revenue or earnings in particular) is excluded. However, if it is determined that it is a problem that is not covered by the terms of the warranty or that the period of the guarantee has elapsed, any costs for inspection and repair must be borne by the customer.

We reserve the right to make changes to and deviations from the technical design.

### 6.7 Spare parts



Please contact **RUCK Service** for spare parts.

Phone +49 (0)7082 944 22 55

Fax +49 (0)7082 944 22 59

E-mail [service@hellmut-ruck.de](mailto:service@hellmut-ruck.de)

### 6.8 Disposal

Dispose of the podiatry couch at the end of its service life through suitable return and collection systems.



Protect our environment by responsible disposal.



#### CAUTION

Improper work on gas-pressurised springs poses a risk of being crushed or struck.

Do not dismantle gas-pressurised springs yourself. Do not heat the gas-pressurised springs. Do not try to open gas-pressurised springs by force. Leave this kind of work to experts.

## **7 Technical specifications**

### **7.1 General data**

Mounting height	53 cm
Highest seat position	103 cm
Highest position – leg support	145 cm
Seat width	59 cm
Seat depth	49 cm
Total length – foot section and head section pulled out	200 cm
Total width incl. armrests	85 cm
Total weight	200 kg
Connection data	100 - 240 VAC   50/60 Hz -15% / + 10%
Power consumption	350 W
Frequency band	2402 MHz to 2480 Mhz
Protection class	IP 20
Duty cycle	10% (= 2 min. ON /18 min. OFF)
Noise level	< 70 dB(A)
Maximum load	250 kg
Warranty	2 years



### 7.2 Electromagnetic interference emission

Test	Limit	Electromagnetic environment – guidelines
<b>Line-conducted emissions</b>	CISPR 11, Group 1, Class B	The device uses RF energy for internal functions only. Accordingly, it only gives off very few RF emissions, which probably cause no interference with nearby electronic devices.
<b>Interference radiation emissions</b>	CISPR 11, Group 1, Class B	
<b>Voltage fluctuations / flicker</b>	IEC 61000-3-2, Class A	The device is suitable for use in environments that are directly connected to the public low-voltage power network.

### 7.3 Electromagnetic immunity

Test	Compliance level	Electromagnetic environment – guidelines
<b>Electrostatic discharge (IEC 61000-4-2)</b>	Contact discharge: $\pm 8$ kV Air discharge: $\pm 2$ kV, $\pm 4$ kV, $\pm 8$ kV, $\pm 15$ kV	The floor covering should be made of wood, concrete or ceramic tiles. If the floor covering is a synthetic material, the relative air humidity should be at least 30%.

Test	Compliance level	Electromagnetic environment – guidelines
<b>Radiated RF EM field (IEC 61000-4-3)</b>	80-6000 MHz; 1 kHz AM 80%; 3 V/m	<p>Portable and mobile radio devices shall not be used within a closer proximity to the (device or system), including the cables, than the recommended safety distance, calculated using the equation applicable for the transmission frequency.</p> <p>Recommended safety distance</p> $d = 1.2\sqrt{P}$ <p>for 150 kHz to 80 MHz</p> <p>Where "P" is the nominal power of the transmitter in watts (W) according to the information provided by the transmitter manufacturer, and "d" is the recommended safety distance in meters (m).</p>
<b>Proximity fields of RF wireless communication devices (IEC 61000-4-3)</b>	<p>385 MHz; pulse modulation: 18 Hz; 27 V/m</p> <p>450 MHz; pulse modulation: 18 Hz; 28 V/m</p> <p>710, 745, 780 MHz; Pulse modulation: 217 Hz; 9 V/m</p> <p>810, 870, 930 MHz; Pulse modulation: 18 Hz; 28 V/m</p> <p>1720, 1845, 1970 MHz; Pulse modulation: 217 Hz; 28 V/m</p> <p>2450 MHz; pulse modulation: 217 Hz; 28 V/m;</p> <p>5240, 5500, 5785 MHz; Pulse modulation: 217 Hz; 9 V/m</p>	<p>Portable and mobile RF communication devices should not be used within a distance of 30 cm to any part of the device, including the cable.</p>

Test	Compliance level	Electromagnetic environment – guidelines
<b>Interference immunity to rapid transient electrical interference variables/burst (IEC 61000-4-4)</b>	DC power supply line: $\pm 2$ kV; 100 kHz repetition frequency Signal line: $\pm 1$ kV; 100 kHz repetition frequency	
<b>Voltage spikes (surges) (IEC 61000-4-5)</b>	L-N: 1 kV at $0^\circ, 90^\circ, 180^\circ, 270^\circ$ L-PE, N-PE: 2 kV at $0^\circ, 90^\circ, 180^\circ, 270^\circ$	
<b>Line-conducted disturbance variables, induced by high-frequency fields (IEC 61000-4-6)</b>	0.15–80 MHz; 1 kHz AM 80%; 3 VRMS and 6 VRMS in ISM.	Portable and mobile radio devices shall not be used within a closer proximity to the (device or system), including the cables, than the recommended safety distance, calculated using the equation applicable for the transmission frequency.  Recommended safety distance $d = 1.2\sqrt{P}$ for 150 kHz to 80 MHz  Where "P" is the nominal power of the transmitter in watts (W) according to the information provided by the transmitter manufacturer, and "d" is the recommended safety distance in meters (m).
<b>Power-frequency magnetic fields (IEC 61000-4-8)</b>	30 A/m, 50 Hz	

Test	Compliance level	Electromagnetic environment – guidelines
<b>Voltage dips, brief interruptions and voltage fluctuations (IEC 61000-4-11)</b>	<p>0% <math>V_T</math> for 0.5 cycles at 0°, 45°, 90°, 135°, 180°, 225°, 270°, 315°</p> <p>0% UT for 1 cycle at 0°</p> <p>70% UT for 25/30 cycles at 0°</p> <p>0% UT for 250/300 cycles at 0°</p>	<p>The quality of the mains power supply should correspond to that of a typical environment. If the user of the device requires continued operation even when power supply interruptions occur, it is recommended that the device be powered by an uninterruptible power supply or battery.</p>

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