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User Manual

Patient Hoist

Arnold 150		Arnold 125
REF	320.00.10	310.00.10
	150 kg	125 kg

Figure similar

Read this User Manual before using the device for the first time and keep it at hand for the user as well as for future use and subsequent sales.

Table of contents

1. Product description

Figure shows:

A	Column
B	Arm
C	Base frame members
D	Pedal
E	Front castors
F	Rear castors
G	Four-point sling hanger
H	Bolt
I	Handles
J	Linear drive
K	Control unit
L	Manual switch
M	Rechargeable battery unit
N	Nameplate

1.1. Introduction

- The product described here is a medical device of risk class I according to **(EU) 2017/745 MDR**.
- In this user manual, you will find information on the safe and proper initial operation, use, maintenance and care of this product.
- Carefully read this user manual before using the device. Follow the safety instructions and act accordingly.

2. Features

2.1. Intended purpose

- The product is used for changing the position of patients with mobility impairments. It allows access to toilets, beds, bathtubs, bathing aids and wheelchairs. A knowledgeable caregiver must be present during application. The product must be exclusively operated by this caregiver. The product is not intended for prolonged moving and transfer.

Specification:

- Maximum user weight for Arnold 125: 125kg
- Maximum user weight for Arnold 150: 150kg
- Electric lifting mechanism
- 2 swivel castors, lockable
- Indoor use

Indication

- Significant to full impairment of changing body position and walking, usually with neuromuscular damage, amputation of lower limb(s), or neurological disease
- When other hoists or transfer aids can no longer be used
- To facilitate change of position and short-distance transport within the home by an assistant/caregiver

2.2. Conditions of use

- Temperature range: 5°C to +35°C; direct radiant heat on the product must be avoided.
- Relative humidity: 40%-75%. Outside of these conditions, the product must only be used for a short time.
- The product is not suitable for use in swimming pools or saunas, as surface discolouration and limitations of mechanical strength may occur.
- The product is foldable for transport or storage.
- There must be a flat surface of sufficient size for the hoist to be placed on.

2.3. Storage & transport

- Temperature range: 5 °C to 25 °C; direct radiant heat on the product must be avoided.
- Store the product in dry rooms with a humidity of up to 65%.

2.4. Equipment & functions

- Electrical and mechanical emergency lowering
- Foldable
- Pinch protection
- EMERGENCY OFF function
- Network-independent application
- Spreadable chassis for higher stability

2.5. Packaging

- We recommend you keep the packaging for a later transport.
- Dimensions : 1240mm x 350mm x 690mm

2.6. Disposal

- Disposal and recycling of used products and packaging must be carried out in accordance with currently valid regulations. Please contact a disposal company for further information.
- The Infection Protection Act must be observed.
- Please observe any labels and information on packaging material and act accordingly.

3. Symbols & nameplates

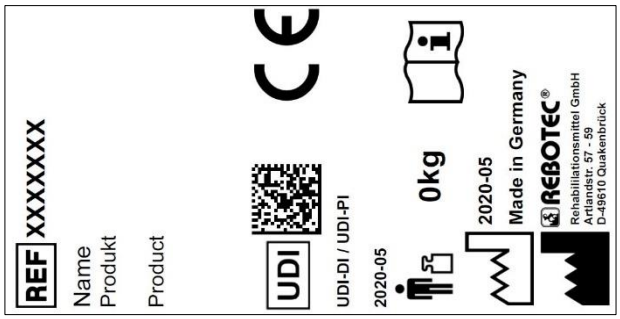


Figure similar.

The nameplate must not be removed!

For ordering spare parts and processing complaints, the device name, serial number and year of manufacture will be required.

Symbol	Meaning	Symbol	Meaning
	Read the manual!		Year of manufacture of Device
SN	Serial number		*Important information!*
REF	Article number		*Maximum user weight in kg*
	Care instructions		Maintenance instructions
	Applicable for indoor use only.		Manufacturer
	Visual signal	EN	Language
	Read the User Manual!		Do not dispose of as household waste.

Symbol	Meaning	Symbol	Meaning
IP	**Degrees of protection according to DIN EN 60529**		**Protection class II**
CE	Product complies with **(EU) 2017/745 MDR**		
	Caution! Observe the safety instructions		
UDI	Unique Device Identifier *(Data: GTIN / LOT (SN) / year of manufacture)*		
MD	Medical device label This product is a medical device.		

3.1. Degrees of protection

First digit:

No.	Meaning
X	Not specified
0	No protection
1	Protected against solid foreign bodies with a diameter ≥ 50 mm
2	Protected against solid foreign bodies with a diameter ≥ 12.5 mm
3	Protected against solid foreign bodies with a diameter ≥ 2.5 mm
4	Protected against solid foreign bodies with a diameter ≥ 1.0 mm
5	Protected against dust in harmful quantities
6	Dust-tight

Second digit:

No.	Meaning
X	Not specified
0	No protection
1	Protection against vertically falling drops of water
2	Protection against vertically falling drops of water when the enclosure is tilted up to 15°C
3	Protection against water falling as a spray at any angle up to 60° from the vertical
4	Protection against water splashed from any direction
5	Protection against water jets (nozzle) from any angle
6	Protection against powerful water jets
7	Protection against temporary immersion
8	Protection against continuous immersion
9	Protection against water from high-pressure/steam jet cleaning

Letters:

Letter	Meaning
A	Protected against access to hazardous active parts with the back of a hand.
B	Protected against access to hazardous active parts with a finger.
C	Protected against access to hazardous active parts with a tool.
D	Protected against access to hazardous active parts with a wire
H	High-voltage equipment.
M	Tested when moving parts are active.
S	Tested when moving parts are standing still.
W	Tested at defined weather conditions.

4. Safety instructions

Please observe the following safety instructions:

- Before using the device for the first time, the User Manual must be read completely in order to avoid hazards or damage caused by maloperation.
- Before each use, check the device for visible damage or deficiencies.
- The product must only be operated by persons who are familiar with the handling of the device. This requires the ability to use the device with patients.
- Patient hoists used in wet rooms may be exposed to chlorine, high humidity and heat, which can lead to oxidation that appears as white coating.
- In case of malfunctions or damage of any kind, the device must not be used.

Caution: Risk of injury!

- Be sure to check the following aspects before use:
  - Stability of the product (after complete assembly).
  - Battery charge status.
  - Function of the emergency lowering.
- The device must not be operated while it is connected to the mains in order to charge the rechargeable battery.
- The device is for indoor use and use on even and slip-resistant surfaces only. Using the device on slopes, grades or inclinations must be avoided due to the increased risk of accidents.
- Caution is required when travelling in confined spaces. Paths used by the product must be cleared before they are travelled on.
- Sudden movements and pushing as well as swinging the patient to be lifted must be avoided due to the increased risk of accidents.
- Never leave the patient unsupervised when using the device! An unforeseen action or movement of the patient may lead to a possible risk of injury.
- In the event of an emergency lowering of the patient, proceed with the utmost caution to avoid putting the patient at risk. In difficult situations, seek the assistance of another person if necessary.
- Check at regular intervals that the sling hanger is securely fastened.
- Do not carry the product together with the patient.
- Only use the product if completely assembled.
- During use, all wheels of the product must be in contact with the floor.
- There is a risk of injury with surface temperatures > 40°C. Therefore, do not expose the product to high temperatures (e.g. sunlight, radiators, hot water). Allow the product to cool down before use.

If the product is used by patients with insensitive skin (no temperature perception or skin damage), a heat check (e.g. touching with the back of the hand) must be carried out by the nursing staff.

Caution: Danger of breakage!

- The product is only suitable for lifting and repositioning of persons. Observe the permitted user weight (2.1).
- Do not expose the product to great temperature fluctuations (2.2 & 2.3).
- Whenever using a sling, make sure that it is properly mounted to the sling hanger. Do not use any sling that shows signs of damage.
- Do not place any objects between the column and the linear drive. Lateral forces must not be applied to the linear drive.
- Weight loads must not be hung onto the sling hanger for an extended period of time.

Caution: Danger of pinching or catching!

- Do not reach between the clamping elements during assembly
- The patient must not hold onto the linear drive.

Caution risk of malfunction!

- It must be assured that no moisture enters the electrical system. **(Observe the degrees of protection!)**
- Do not open the housings of the electronic components.

- If the linear drive does not work (drive must not start up while it is blocked), the device must not be put into operation.
- Do not charge the rechargeable battery in wet rooms (e.g.: bathrooms, toilets).
- Pay attention to electromagnetic interference(s) to other devices (such as mobile phones, medical devices)!

5. Incident reporting

- Serious incidents in connection with the product must be reported immediately to the manufacturer and BfArM.
  - BfArM: www.bfarm.de/DE
    - Use the reporting functions and provided forms.
  - Manufacturer: pms@rebotec.de

6. Warranty

- For this product the manufacturer grants a warranty of 12 months. Compliance with the general terms and conditions(www.rebotec.de/agbs), as well as the intended use, are a basic prerequisite. The statutory warranty provisions shall apply.
- Unauthorised modifications to this product will void the product's conformity and the warranty.

6.1. Complaint

- Please contact us before returning the product.
- To reduce transport damage, use the original packaging if possible.
- The Infection Protection Act must be complied with.
  - Please make sure that the product does not pose a risk of infection when returned.
  - Enclose the information sheet on safety with the product.
  - Costs may incur for returns that are not marked non-objectionable.

7. Reuse, lifetime

- The product is suitable for reuse. How often the product can be reused depends on the frequency and nature of use.
- Before reuse, the product must be reprocessed hygienically and the technical and functional safety and reliability of the product must be checked and restored if necessary. See 18.
  - For more detailed information, please see the reprocessing instructions (02.12.160) and the maintenance instructions (02.11.152).
  - The documents can be downloaded from the following link.
    - www.rebotec.de/downloads
- If the product is used as intended, its lifetime is 5 years. The effective lifetime may vary depending on the frequency and intensity of use and the general condition.

8. Scope of delivery

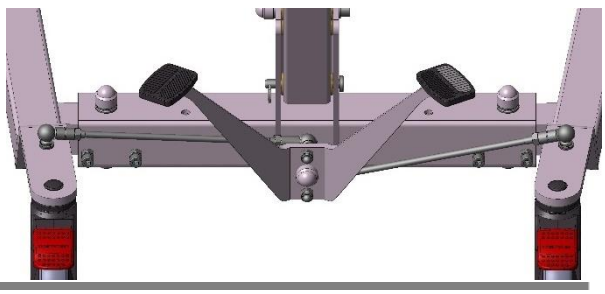
- 1x 320.00.10 / 310.00.10 Arnold patient hoist
  - 1x Patient hoist frame
  - 1x linear drive
  - 1x control unit
  - 1x rechargeable battery unit
  - 1x charging cable
  - 1x fuse set for charging cable
  - 1x manual switch
- 1x user manual (02.09.200)
- 1x maintenance instructions (02.11.152)
- 1x reprocessing instructions (02.12.160)
- The reprocessing and maintenance instructions can be ordered or viewed and downloaded at www.rebotec.de/downloads.

9. Setting up for use

- The product has been carefully inspected in the factory for freedom from defects and completeness. Please check the product for any possible damage which may have occurred during transport and for completeness of the scope of delivery upon receipt.

9.1. Unpacking

- Remove the device from its packaging and place it on a level floor.



Bring the pedal in the centre position and then actuate the brakes of the rear castors **(see section 11.)**.

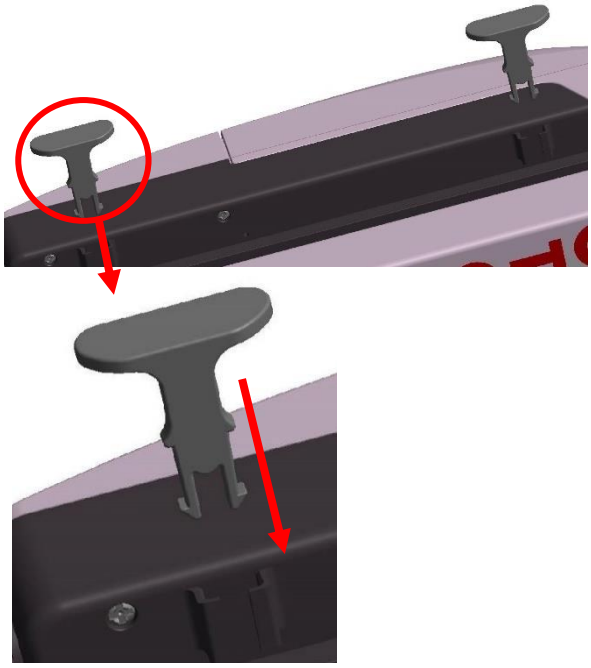
Attention!

- Before raising the column, bring the pedal first to the centre position in order to avoid any damage. See also notice on the column.

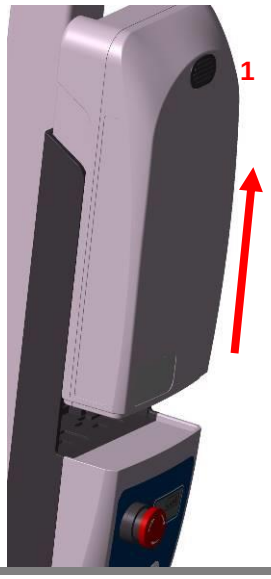
It is recommended to remove the packaging material at the column and arm only after the column has been set up.

9.2. Installing the control unit

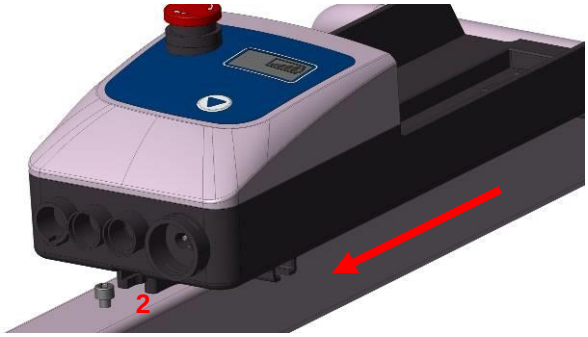
- Insert the two clamps of the cable holder into the support.



- Remove the rechargeable battery from the control unit by pressing the button in position 1 and then carefully remove rechargeable battery.



- Use the two M6x16 screws (1) (included in the delivery) and an Allen key (size 5) to screw the control unit to the column.
- The EMERGENCY OFF switch must face downwards to the pedal!
- Remove the M6x16 screw at the column on the handle side.
- Then slide the control unit with the lower guide (2) over the remaining screw.

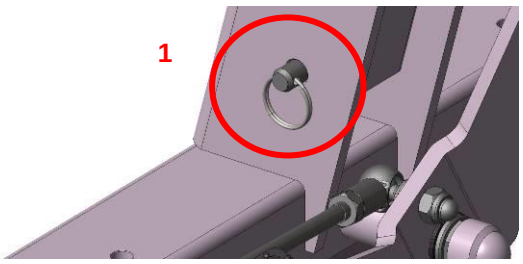


- Then screw the screw back in again in pos. 3. Tighten the screw hand-tight.

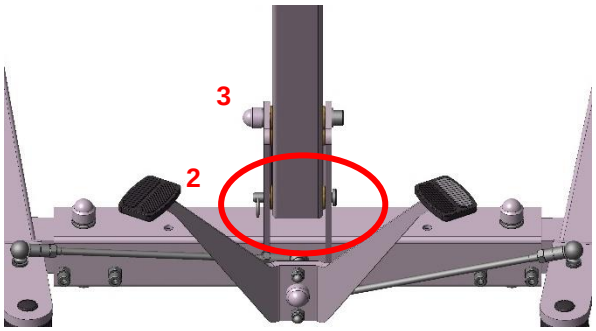
- Reinsert the rechargeable battery. Make sure that the rechargeable battery in pos. 4 clicks into position properly.

9.3. Installing the column

- Remove the key ring (1) from the bolt and then pull the bolt completely out of the hole.



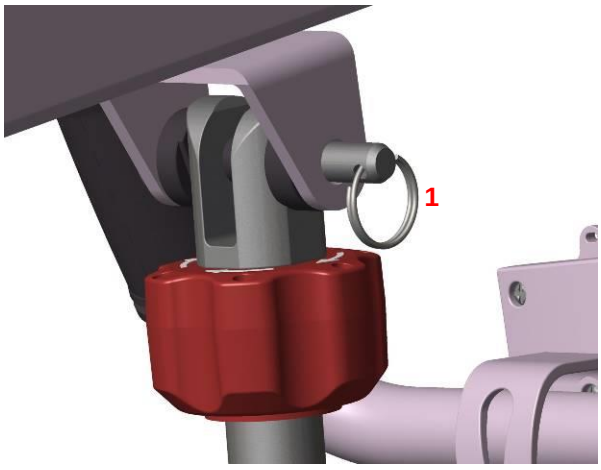
- Then raise the column.
- Reinsert the bolt in the hole to fix the column in the support.
- Then secure the connection again with the key ring (2). Then tighten the M10 (3) cap nut.



- Remove the packaging material afterwards.

9.4. Installing the linear drive

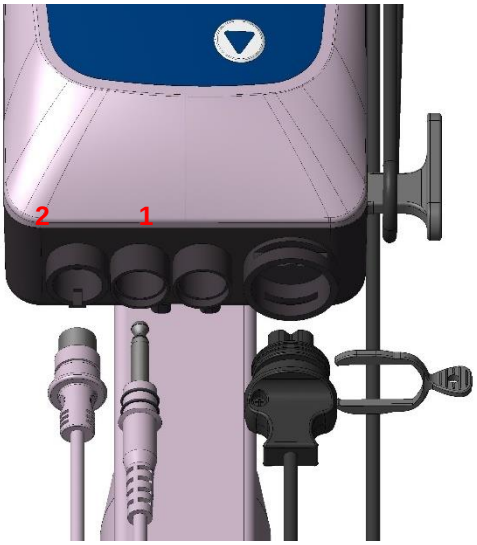
- In order to connect the linear drive to the arm, remove the key ring (1) and the bolt from the hole of the arm.
- Then lift the arm with the sling hanger and bring the hole of the linear drive (1) and the hole of the arm to the same height.
- By inserting the bolt and securing it with the key ring, the arm is securely connected to the linear drive.



Make sure that the key ring is completely closed!

9.5. Connecting the electrical system

- Insert the plug of the linear drive in the jack (1). Please pay attention to the positioning of the recess. Then insert the manual switch in the jack (2).



Before using the device for the first time, the EMERGENCY OFF switch must be deactivated. See 9.

10. Charging the rechargeable battery

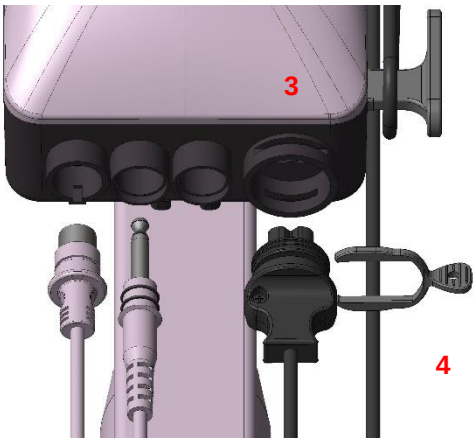
Recharge the discharged rechargeable battery as soon as possible! This increases the lifetime of the rechargeable battery. Rechargeable batteries which are not used for an extended period of time should be recharged every three months in order to avoid a deep discharge, as this has a negative impact on the charging capacity of the rechargeable battery.

The lifetime of the rechargeable battery depends on the intensity of use and the charge level.

10.1. Connecting & charging

Observe the safety instructions

- Check the cable or plug to be sure that they are not damaged.
- Do not use any damaged components!
- Pay attention to the power supply voltage (see 15.) and corresponding power supply fuse protection for the charging unit.
- Do not open the housings of the electronic components.
- **During the charging process, the medical device must not be operated! The electrical functions are then out of operation.**
- Insert the flat plug of the charging cable in the control unit (3) and then secure it using the cable clip (4).
- Please pay attention to the positioning of the recesses. Afterwards, insert the power plug into the wall socket.



- The charging process may take up to ten hours depending on the charge level of the rechargeable battery. During the charging process, the battery display of the control unit is flashing.
- If the battery bar display lights up continuously, the rechargeable battery is fully charged **(see 8.3)**. If the charging process takes longer than 14 hours, the rechargeable battery or control unit may be defective.
- After charging, pull out the power plug from the wall socket and wind the charging cable around the cable holder of the control unit.
- Use the seal plug included in the scope of delivery to close the connection after each charging process in order to prevent the ingress of moisture.

After the power plug has been removed, the function of the control unit will be blocked for a few seconds.

10.2. Charge level & control display

- The charge level of the rechargeable battery can be read from the control unit. To switch on the display, the manual switch must be pressed once. The EMERGENCY OFF switch must be released (see 9.).

10.3. Display symbols:

Symbols	Description
	Battery capacity 100%
	Battery capacity 75%
	Battery capacity 50%
	Battery capacity 25%; an acoustic signal will sound and the rechargeable battery must be charged.
	Standby mode
Low Batt	Minimum capacity reached
	Maintenance or replacement of the linear drive required. Linear drive has exceeded the operating time of 600.000 sec.
	System is overloaded.

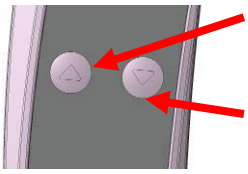
The rechargeable battery can be removed for the purposes of replacement or storage.

11. EMERGENCY OFF function

- By pressing the EMERGENCY OFF switch, it locks into position. The drive unit is interrupted and can no longer be operated with the manual switch. It is activated in emergency situations and if the proper operation of the device is impaired.
- By turning the EMERGENCY OFF switch in the direction of the arrow, it pops back out and is thus released. The drive unit can then be operated again using the manual switch.

12. Manual switch

- The manual switch is used to activate the drive unit (stepless adjustment) and activates the “lifting” and “lowering” of the arm.
- For the desired action, the respective button must be pressed and held. When releasing the button, the drive unit stops automatically.

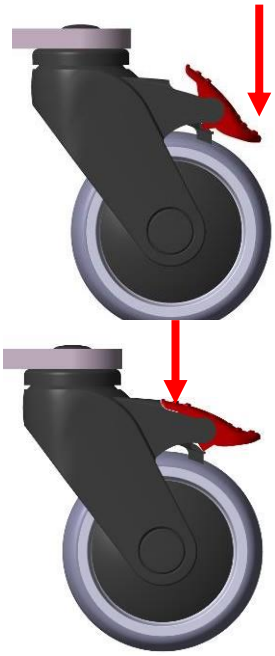


- As an alternative, the linear drive can also be extended (lifted) using the button (1) on the control unit and retracted (lowered) with the electrical emergency lowering (2). See 12.1.

13. Braking function of the rear castors

- The two rear castors are provided with an important safety feature for using the device. The rear castors are equipped with a locking brake and an anti-swivel protection.

Attention - risk of tipping over!
Always both rear castors must be locked.

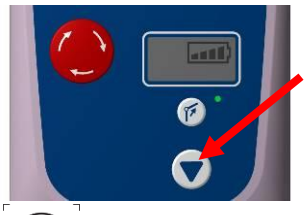


- Press down the lever in the front area with your foot. The castors are then braked and secured against swivelling.
- Make sure that the castors do preferably not point inwards.
- By actuating the lever in the rear area, the brakes are released again.

14. Emergency lowering

14.1. Electrical emergency lowering

- If the manual switch is out of order due to a defect, but the electrical system is still functioning (battery is sufficiently charged), the linear drive can be retracted using the **EMERGENCY lowering button**.



For lowering, keep and hold the button.

14.2. Mechanical emergency lowering

- If the patient becomes exposed to an emergency situation, an electrical defect occurs at the drive motor, the control unit fails or the rechargeable battery is completely discharged, it is necessary to use the mechanical emergency lowering.

Before using the emergency lowering, press the EMERGENCY OFF switch!

Attention - risk of injury!

When using the mechanical emergency lowering, do not stand under the arm.

Lowering

- Grab the red rotary grip with your hand. For lowering the drive axis, hold the red rotary grip and turn it in the direction of the arrow.

15. Stability & spreading the base

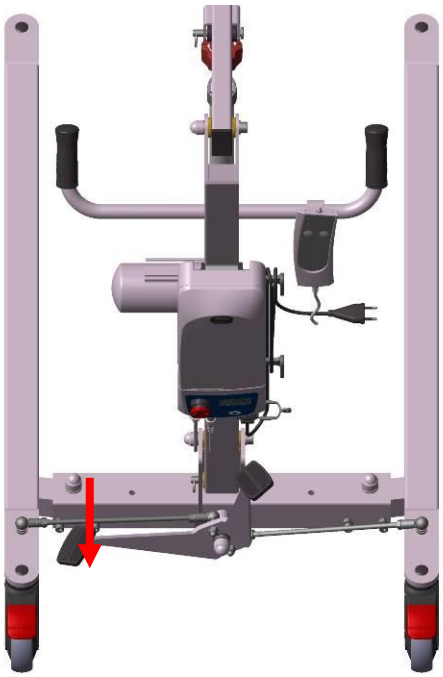
- The pedal allows spreading the base frame members apart and thus facilitates moving the device to the area of use. Press the foot pedal all the way down to the stop with your foot.

Attention - risk of tipping over!

Spread the base frame members apart only when the brakes are released.

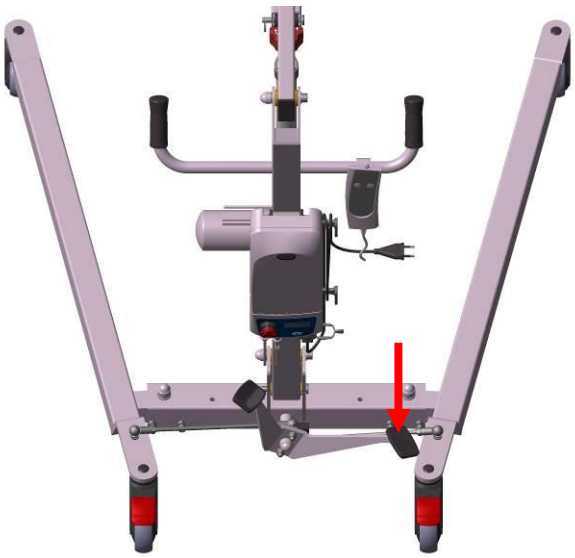
Not spread apart

- Press the left side of the pedal.



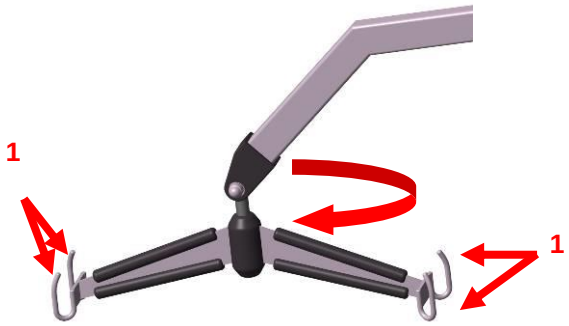
Spread apart

- Press the right side of the pedal.



16. Arm & sling hanger

- The sling hanger is intended for mounting slings in which the patient can be held, lifted and transferred. The sling hanger can be rotated.



- The sling **must** be mounted using all four mounting points (1) to ensure that the load is evenly distributed.

For the individual seat requirements and areas of application, different types of sling systems are available.

Please follow strictly the maintenance instructions for the sling hanger (see 18.).

17. Technical data

- We reserve the right to make technical developments and improvements with respect to the design shown in this User Manual.
- *See also 14.*

Parameters	Arnold 150	Arnold 125
Load	Max. 150 kg	Max. 125kg
*Device weight	42 kg	39 kg
*Space requirements	See 20.	

Parameters	Arnold 150	Arnold 125
Lifting cycles	Approx. 25 lifting cycles (depending on the intensity of use and battery charge)	
Lifting unit	Stepless and without jerking	
Protection class	II	
Noise level	≤55 dB	
Switch-on duration	2 min operation / 18 min break	
Drive speed	5.2 mm/s	
Control unit	IP55	100-240V AC / 50-60 Hz 24V DC / 216VA
Linear drive	IP54	24V DC / 180VA
Manual switch	IP54	5V DC
Rechargeable battery unit	IP65	24V DC / 5 Ah
Safety	Emergency lowering, pinch protection (freewheel), EMERGENCY STOP function	

**Without accessories*

- Depending on the application, there are several different types of sling systems offered by REBOTEC. To assist you in selecting the most suitable sling system, a Guide is available (**see 19.**).

18. Troubleshooting

Fault	Possible	Correction
Drive unit does not work	EMERGENCY OFF button is activated	Release EMERGENCY OFF button
	Bad, missing plug contact	Check plug contact
	Defective cable	Check and inspect the cable
	Battery capacity is too low	Charge rechargeable battery
	Lifting unit is jammed	Check for freedom of movement
	Rechargeable battery has no contact	Reinstall rechargeable battery, check position
	No rechargeable battery installed	Install rechargeable battery
Rechargeable battery does not charge	Display does not fully light up, battery symbol & LED	Check mains supply
		Check charging cable for contact and damage
		Rechargeable battery defective
		Display/LED defective
	Rechargeable battery not quite or not fully installed	Reinsert rechargeable battery, check position
Arm does not move all the way up/down	Battery capacity is too low	Charge rechargeable battery
	Arm is jammed	Loosen the screws at the column
Manual switch does not work	Button(s) have no function	Button(s) defective
		Check cable/plug contact
Greatly reduced speed, loud noise	Motor, gear unit defective	Put drive out of operation, carry out maintenance!

19. Cleaning and care

- The device can be cleaned using a mild conventional cleaning and disinfecting agent. After cleaning, wipe the device with clean water and a cloth and then wipe it dry with a clean cloth.

Maximum cleaning temperature of 35°C must be observed!

The device must not be cleaned in an automatic cleaning unit!

- Do not use scouring or cleaning agents (read and observe the product information!) that contain aggressive solvents (acids, benzene, thinners) or stiff cleaning tools (brushes).
- Otherwise, this may result in damage to the metal surface or deposits on the metal parts and other materials.

Emergency lowering

- The emergency lowering mechanism **must not** be treated with oil, grease or other lubricant. This will lead to malfunctions during the lowering process. In case of a malfunction of the emergency lowering, the device must be reset by a maintenance service.

20. Maintenance

- Accidents may be caused by the late detection of wear and/or improper use as well as irregular or no maintenance.
- Please note that, for safety reasons and for preventing accidents, the medical device must undergo complete professional maintenance at least
- **once a year**. (Refer to the German MDR [Medical Devices Act] and German MPBetreibV [Medical Devices Operator Ordinance])

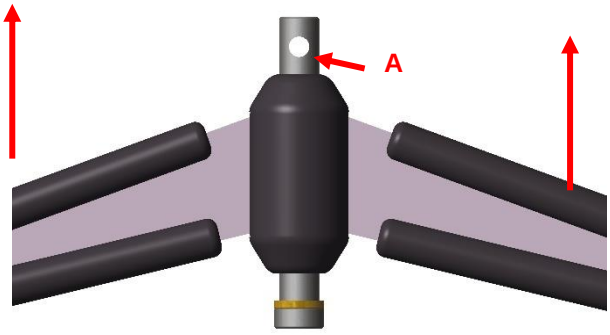
20.1. Scope of maintenance

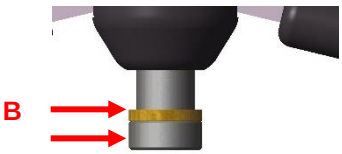
- Please check at regular intervals:
- The intervals depend on the frequency of use and the condition of the device.
- Devices for visible damage
  - (cracks, breakage, loose parts)
- All screw connections for tightness
  - (especially the castors and holder)

- Emergency lowering at least twice a year
  - o (Carry out maintenance focusing on malfunctions!)
- Rolling smoothness, functioning of the castors
  - o (replace any defective castors)
- Functioning of the drive unit, manual switch
  - o (replace any defective items)
- All cables, connections and plugs for damage
- Sealing edges of control and rechargeable battery unit
- EMERGENCY OFF function
- Inspect accessories for deficiencies

20.2. Maintenance of the sling hanger

- The bolt and the brass washer must be checked for abrasion during the annual maintenance. By pushing up the sling hanger, the bolt (A) with the brass washer is pushed through the opening of the rubber cap.
- In case of heavy abrasion of the brass washer (B) or bolt, then they must be replaced.





20.3. Repair

- If you have any questions concerning the maintenance and repair of the device, please contact an authorised dealer or a medical and healthcare supplies store.
- When performing repair work, please use only original REBOTEC spare parts. Observe all guarantee and warranty information.
- Never make any unauthorised modifications or conversions to the device. These will only adversely affect the safety and functioning of the device. **In such cases, REBOTEC will not assume any product liability**.
- Follow all the instructions for ordering spare parts, reuse and the lifetime of the device.
- After maintenance or repair work has been carried out, we recommend you to clean the device for hygienic reasons before using it again. Follow the cleaning and care instructions.

For documenting the maintenance and repair work, REBOTEC provides a Maintenance Report.

You can order the User Manual, Maintenance Report and Reprocessing Instructions or find them on our website at www.rebotec.de.

It is also possible to print the information and read it when needed.

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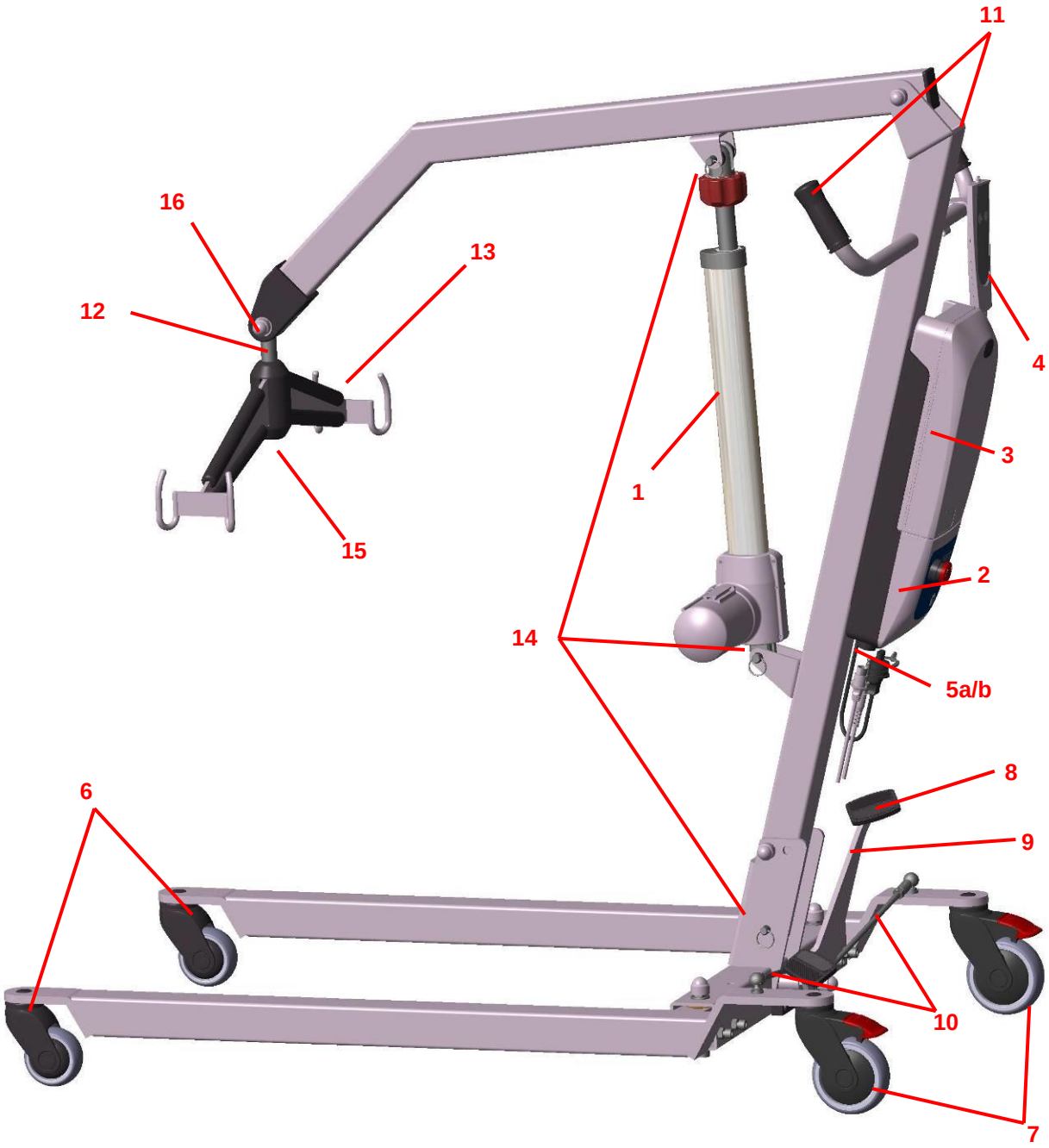
21. Spare parts & accessories

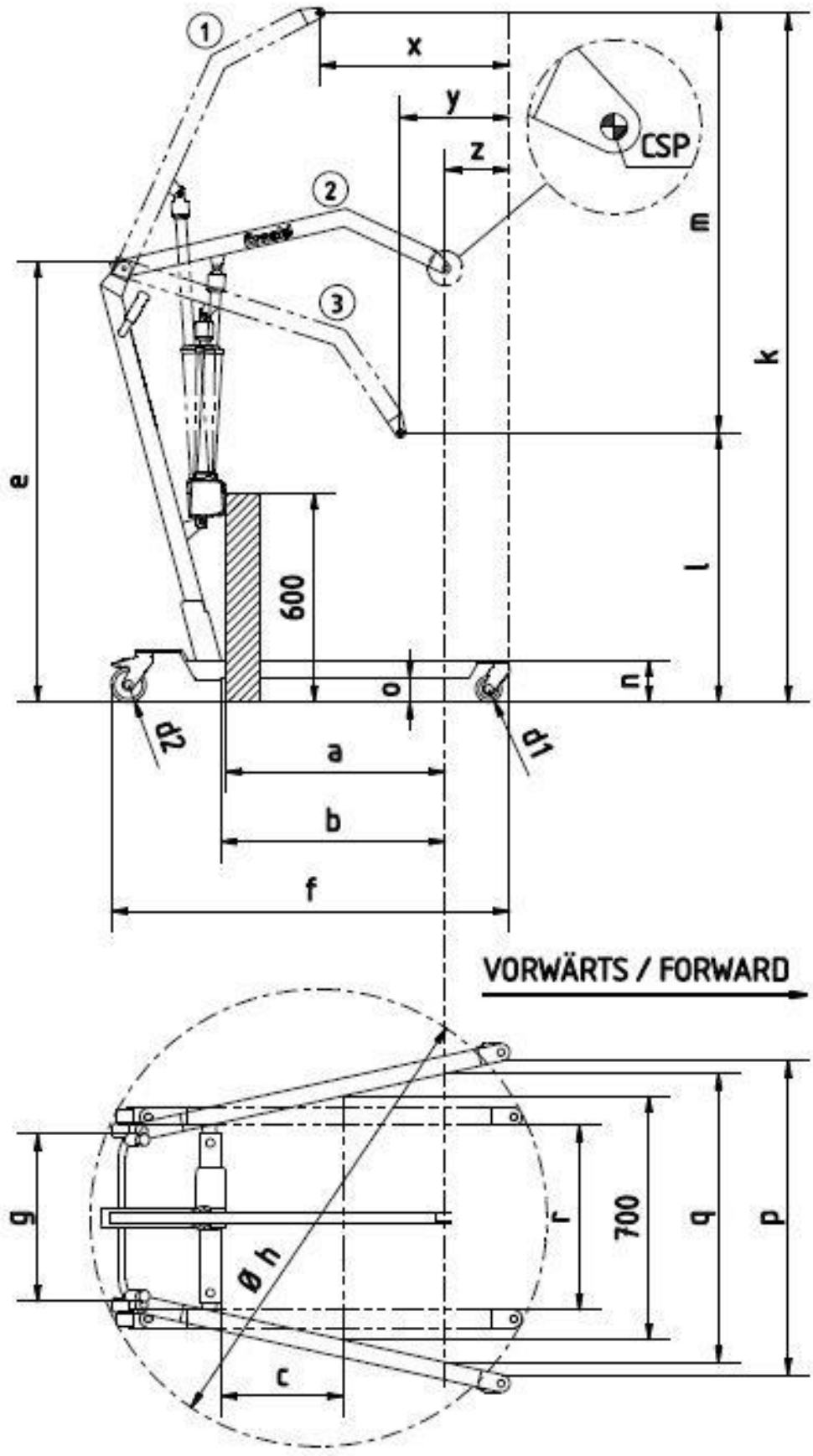


No.	Art. no.	Designation
-	02.09.200	User Manual for Arnold 150/125
-	02.10.141	Guide for Slings
-	02.11.152	Maintenance Instructions for Hoist
-	02.12.160	Reprocessing Instructions
1	425.19.71	Linear drive
2	425.19.72	Control unit
3	425.19.73	Rechargeable battery unit
4	425.19.75	Manual switch
5a	425.19.74	Charging cable, EU plug
-	425.19.76	Charging cable, US plug
-	425.19.78	Charging cable, KR plug
5b	425.19.77	Fuse set for charging cable
6	443.10.80	Front castor (Ø 75 mm)
7	443.10.85	Rear castor (Ø100 mm)
8	420.00.15	Rubber cap for pedal
9	420.00.12	Pedal
10	420.28.83	Angle joint rod (L=280 mm) (Arnold 150)
10	420.25.83	Angle joint rod (L=250 mm) (Arnold 125), RH
10	420.22.83	Angle joint rod (L=230 mm) (Arnold 125), LH
11	420.99.22	Handles for D22x90 mm column
-	420.95.22	Handles for D22x120 mm column
12	420.00.43	D25x155 bolt
13	420.00.42	Four-point sling hanger, standard
14	420.58.97	SL24/1.5 key ring
15	420.04.30	Brass washer for round steel bolt
16	420.00.13	Screwing set for sling hanger M10
-	420.10.42	Four-point sling hanger, wide
-	420.00.14	Screwing set for centre of rotation
-	420.06.00	Hoist scales for A150 with sling mounting bracket (*)

*Installation height of the sling mounting bracket + hoist scales = 204mm from CSP (See 21).

Use only REBOTEC spare parts and accessories to ensure the proper and safe functioning of the device.

22. Drawing & dimensions



Arnold 150

No.	Designation	Dimensions in mm
1	Highest point	
2	Highest point at highest reach	
3	Lowest point	
a	Highest reach at a height of 600 mm (reference height)	630
b	Highest reach from the base frame	645
c	Reach from the base frame when expanding the leg supports to 700 mm	350
d1	Front castor diameter	75
d2	Rear castor diameter	100
e	Total height (without arm)	1265
f	Length of the base frame	1170
g	Distance of the push handles	480
h	Turning diameter	1315
k	Maximum height of the CSP	1975
l	Minimum height of the CSP	775
m	Lifting range	1200
n	Height of the base frame	120
o	Clearance of the base frame	70
p	Maximum inner width	900
q	Inner width at highest reach	828
r	Minimum inner width	525
x	Minimum distance from the wall to the CSP at its greatest height (spread apart)	545
y	Minimum distance from the wall to the CSP at its lowest height (spread apart)	320
z	Minimum distance from the wall to the CSP at its highest reach (spread apart)	190

Arnold 125

No.	Designation	Dimensions in mm
1	Highest point	
2	Highest point at highest reach	
3	Lowest point	
a	Highest reach at a height of 600 mm (reference height)	335
b	Highest reach from the base frame	350
c	Reach from the base frame when expanding the leg supports to 700 mm	450
d1	Front castor diameter	75
d2	Rear castor diameter	100
e	Total height (without arm)	1265
f	Length of the base frame	970
g	Distance of the push handles	480
h	Turning diameter	1150
k	Maximum height of the CSP	1790
l	Minimum height of the CSP	830
m	Lifting range	960
n	Height of the base frame	120
o	Clearance of the base frame	70
p	Maximum inner width	735
q	Inner width at highest reach	660
r	Minimum inner width	450
x	Minimum distance from the wall to the CSP at its greatest height (spread apart)	470
y	Minimum distance from the wall to the CSP at its lowest height (spread apart)	350
z	Minimum distance from the wall to the CSP at its highest reach (spread apart)	220

Dimensions vary depending on the equipment. There might be minor deviations due to production tolerances. Subject to change without notice.

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Read this User Manual before using the device for the first time and keep it at hand for the user as well as for future use and subsequent sales.