

GK-Hektor



User manual
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■ Components

1. Pedicure equipment
2. Safety belt
3. Backrest small
4. Push bar
5. Console and battery pack
6. Scale
7. Steerable roller with brake
8. Steerable roller with tracking device

- Hand controller with Up/Down-function



- Emergency off button
- Emergency lowering button

- Battery pack



■ User Manual

Transfer from bed

By lowering the seat onto the upper edge of the mattress it is possible to roll the patient onto the lifter.

1. Attach the safety belt to the brackets provided
2. Lower the lifter to the upper edge of the mattress
3. Apply the locking device to the wheels
4. Roll the patient onto the seat
5. Place the patient on the seat
6. Close the swivel bow
7. Lift the seat
8. Release the locking device
9. Pull lifter and patient away from the bed and transfer to the bathroom

Note: It is recommended that the patient holds onto the surrounding rail and the safety strap is fitted during patient transport.

Transfer to bed

1. Lower the lifter onto the upper edge of the mattress
2. Apply the locking device to the wheels
3. Open the safety belt (Velcro fastener)
4. Turn the patient into bed
5. Lift the seat
6. Release the locking device from the wheels and pull the lifter away from bed

Bathing procedure

The patient remains on the seat during entire bathing procedure.

1. Raise the seat to a comfortable working height and traverse it into position above the bath-tub
2. Apply the locking device to the wheels
3. Raise the bath-tub to working height
4. Lower the lifter into the bath-tub
5. Open the safety belt
6. Carry out the bathing procedure
7. After the bath is finished, empty the bath-tub
8. Close the safety belt around the patient's body
9. Shower and dry the patient
10. Close the swivel bow
11. Lower the bath-tub completely
12. Release the locking device from the wheels and pull the lifter away from the tub

Note: When raising the lifter and the bath, care must be taken that the patient keeps its arms folded (danger of being pinched).

Cleaning

The lifter is cleaned above the bath-tub.

1. Position the lifter above the bath-tub
2. Remove the mattress from the stretcher (if available)
3. Shower the lifter, treating with cleaning material beforehand if this is necessary
4. Rinse off the cleaning material and wipe the lifter dry

Note: The lifter must be cleaned after every bathing procedure. The wall mounted charger must be cleaned only with a dry cloth. Protect the device from water splashes.

■ Description of the function

The energy your lifter needs for raising and lowering the patient is provided by a rechargeable battery. The yellow LED at the head end of the lifter enables you to monitor the state of charge of the battery. When the manual switch is operated for the upward and downward movement, the LED can light briefly; this is perfectly normal. If the LED lights permanently, the battery must be recharged as soon as possible.

To do this, grasp the battery box by the handle, remove it from the bracket on the lifter by tilting it slightly to the rear, and insert it in the bracket of the charger.

Make sure that the battery box engages properly in the socket and lay the safety strap across the battery. As soon as the mains power supply is connected, the green LED at the charger lights to indicate that power is being supplied to the charger. The red LED lights as long as charging current is flowing. If the charging current drops below 40mA during the charging process, the red LED is extinguished to indicate that the battery is fully charged. The charging period lasts at least 12 hours. The battery can be recharged at any time.

After charging, remove the plug from mains power supply.

The red emergency off mushroom button serves down the lifter drive.

Pressing the mushroom button brings the switch into the off position and fixes it there mechanically. Turning the button clockwise releases the locking mechanism and the switch turns the drive back on again. In order to avoid a panic situation with the patient in the raised position, the small black button can be pressed in order to lower the lifter. This function is only available while the emergency off button is in the operating position.

Note: The motor and gearing are lubricated for life and require no maintenance. The lifter column is lightly greased to allow friction-free operation.

The electrical lifter controller switches off if:

1. There is an overload of more than 1500N.
2. The battery state of charge is very low (yellow LED lights).
3. Resistance is felt while the lifter is being lowered.

■ **Safety instructions:**

Please make sure that...

...the lifter is always operated by trained personnel who follow the instruction given in the Operating Manual.

...the lifter is cleaned thoroughly after every use.

It is recommended that the lifter is examined for visible damage at regular intervals (regardless of how often it is used). We also recommend that you ask our service Department to carry out a safety and functional check at least once every year.

Note: *The safety rules and instructions in this operating manual must be observed in order to ensure safe and proper use of the equipment. Adjustments and repairs must be carried out by authorized and appropriately qualified persons. All claims under guarantee become void if these requirements are not met.*

■ Service

Lifter cannot be moved upwards or downwards:

- ? Emergency off button is engaged.
 - ▶ Unlock by turning the button in a clockwise direction.
- ? Battery discharged - yellow LED lights.
 - ▶ Charge the battery.
- ? Battery box not connected to plug.
 - ▶ Connect to plug.

Lifter cannot be moved downwards without applying force:

- ? Pinching protection has been triggered.
 - ▶ Gently push the Lifter downwards.

No movement is possible although the battery is fully charged:

- ? Defect fuse.
 - ▶ Unscrew the cap and check the fuse on the electronic. Also check the fuse in the battery box.

Note: These tasks must be performed only by trained and authorized personnel.

- ? malfunction cause
 - ▶ what to do

■ Technical data

For the Patient lifter – seat type "Hektor"

- Lifting Power 1500N
- Own weight 650N
- Lifting height 630mm
- Lifting speed 20mm/sec.
- Electrical power lead accumulator, gas-tight
12V, 7.2Ah
Battery fuse 20Atr
Overload protection at 14A
Loading time 12 hours
- „On“ period 1 Min. / Pause 10 Min.
- Tested in accordance with EN 60601-1 und Nr. 93/42 EWG
- Degree of protection IP 24
- Protection against electric shock Typ B
- Transport and storage - 20°C at + 40°C
- Operating temperature + 10°C at + 40°C
- Dimensions 116 x 68 x 95 (HxBxT) cm
- EMC tested in accordance with EN 60 601-1-2

- Charger Type DL 12/1
- Power supply voltage 230V, 50Hz
- Charging power 13.6V, 1A
- Protection class II
- Loading characteristic IU
- Protection against ingress of moisture IP 20
- Tested in accordance with EN 60 335 / 2-29

Disposal of the lifter at the end of its lifetime:

Metals	Iron galvanized coated, aluminium anodized, copper with PVC, high-grade steel
Plastic	Epoxy with glass-fibre, polyurethane
Battery	Lead with gel-type electrolyte (sulphuric acid)