



Wellell Group

User Guide

SLK Eazy-up Product Family



Basic UDI-DI 426064753AL0100001SY

SLK Eazy-up fix
SLK Eazy-up flex

Original User Guide



Table of Contents

Welcome	4
General Information	4
SLK Eazy-up Product Family	5
Intended Use and Reuse	5
Indication	5
Contraindication	6
Use in Wet Areas	6
Used Materials	6
Hoist Slings	7
Hoist Sling Accessories	7
Accessories	7
Safety Information	8
Overview	10
Type Label Information	11
Scope of Delivery	12
Assembly of the SLK Eazy-up	
Unpacking	12
Installation of the Mast	13
Installation of the Pusher Bar	13
Installation of the Shin Support	14
Installation of the Lifting Arm	14
Functions Test	15
Use	
Charge Battery Pack	16
Emergency-Stop Button	17
Emergency Lowering	17
Brakes	18
Handcontrol	18
Handcontrol Type I	19
Handcontrol Type II	19
Control Box	20
Control Box Type I	20
Control Box Type II	20

Lifting Arm	21
Operation by Handcontrol Type I	21
Operation by Handcontrol Type II	21
Control by Control Box Type I	21
Operation by Control Box Type II	21
Base Expansion SLK Eazy-up flex	22
Charging Status Symbol	22
Overload Symbol	23
Maintenance Display	23
Daily Use Checklist	24
Patient Transport	26
SLK Eazy-up fix without Base Expansion	26
SLK Eazy-up flex with Base Expansion	26
Lifting	27
Transfer	28
Lowering	28
Troubleshooting	29
Transport	30
Transport and Storage Conditions	30
Technical Data	31
Dimensions SLK Eazy-up fix	32
Dimensions SLK Eazy-up flex	33
Cleaning	34
Storage	34
Maintenance	35
Maintenance Plan	36
Conformity	38
Applied Standards	38
Electromagnetic Compatibility (EMC)	38
Warranty / Guarantee	38
Useful Life	39
Disposal	39
Article IDs of Spare Parts	40
Notes	42
Contact Details	44

Welcome

Thank you very much for deciding to purchase a product of the company **SLK**. It has been developed with care by experts, and tested and manufactured in accordance with the applicable guidelines and standards.

The company **SLK** uses **more than 80 percent green electricity generated on site exclusively from solar energy** for production, chemothermal conditioning, service and the remaining energy consumption. All workflows are optimized for **the maximum efficiency for the use of solar energy**. This is how the company makes a **significant contribution to the energy transition and climate protection** already today.

General Information

Before using the product, be sure to read the complete user guide. This is how you can prevent errors due to a lack of information.

Sections with headings highlighted in **bright blue** primarily address the **operator** (e.g. the medical supply store). Headings highlighted in **dark blue** address the **user** (e.g. the nurse). **Medium blue** means it is intended for **both addressees**.

Contents colored orange are particularly important to safety.

The models of the **SLK Eazy-up Product Family** are **mobile patient hoists** for children, adults or heavy patients. These hoists are suitable for use in **home care**, in **nursing institutions** or **clinics**. Combined with the corresponding **SLK hoist slings**, they can be used by a nurse to carefully change the patient's position while the patient is lying down or sitting up, and it also suitable **for use in wet areas**.

In the development of our products, we place particular value on **user friendliness**. This of course also applies to this user guide, which is subject to continuous development and improvement. Therefore, you should always consult the **current version** for your product, which you can find on our website at **slk-gmbh.de**.

SLK Eazy-up Product Family

This user guide applies to the following **patient hoists** of the **SLK Eazy-up Product Family**:

SLK Eazy-up fix (fixed base)	Article ID 8017
SLK Eazy-up flex (expandable base)	Article ID 8016

Where information is given in this User Guide that applies to both models, it is referred to **SLK Eazy-up** in general terms.

Intended Use and Reuse

The active hoists of the **SLK Eazy-up** product family are active medical devices of class 1 according to the Medical Devices Regulation (EU) 2017/745 (MDR).

The purpose of the **SLK Eazy-up Active Hoists** is to provide **support** for the patient when **getting up, sitting down** and being **transferred** while the hoist is being operated **by a nursing professional**.

The use requires an **SLK hoist sling**.

The **SLK Eazy-up hoists** are **reusable medical devices**. They can be used again for another patient after cleaning.

Indication

The **SLK Eazy-up Active Hoists** are used when the patient suffers from **lost** and **limited mobility** and is no longer able to sit up or change their position alone. **Sufficient body tension and residual mobility is required**.

The **recommended body height** for the **SLK Eazy-up Active Hoist** is **80 - 210 cm / 2 ft 7 in - 6 ft 1 in**.

Contraindication

The application of active hoists lets forces work on the body of the patients, which **cannot be tolerated by them in all clinical states** (e.g. spinal damages, advanced osteoporosis, unhealed bone fractures). Before every application of the **SLK Eazy-up**, please contemplate the patient and their clinical state very closely. **If you have any doubts, please ask the treating physician.** If the patient's body weight exceeds the indicated **safe working load**, the **SLK Eazy-up** must not be used.

The **SLK Eazy-up Active Hoist** is a transfer aid and **not a therapeutic device** for training the patient to stand up or walk on their own.

The SLK Eazy-up Active Hoist is not suitable for use by the patients on their own.

Use in the Wet Area

The **SLK Eazy-up Active Hoists** are **suitable for use in wet areas**, e.g. toilet and bathroom. The hoists are not suitable for use in the shower.

Used Materials

The structure is made of steel with a high-quality powder coating for corrosion protection.

The components of the electrical drive system are installed in protective cases made of ABS plastic. The safety of coming into contact with these components was proven pursuant to EN ISO 10993-5.

The metal parts of the actuator consist of chromed steel and anodized aluminum.

The stoppers are made of PE plastic.

Bolts and screws are made of common retail steels and are protected against corrosion by chrome VI-free zinc coating.

Hoist Slings

SLK hoist slings for SLK Eazy-up Active Hoists:

- **SLK Active Eco Sling (size M/L)**
- **SLK Active Sling (sizes S to XXL)**
- **SLK Active Sling (sizes S to L)**
- **SLK Special Active Sling with Seat Swing (sizes S to XXL)**

Hoist Sling Accessories

- **SLK Narrow Calf Band** **Article ID 8094**

Accessories

- **SLK Charger Type I** **Article ID 8633**
- **SLK Charger Type II** **Article ID 8450**
- **SLK Charging Station Type I** **Article ID 8634**
- **SLK Charging Station Type II** **Article ID 8454**
- **SLK Charging Station with Charger Type II** **Article ID 8390**
- **SLK Battery Pack 4.4 Ah Type I** **Article ID 8632**
- **SLK Battery Pack 5.0 Ah Type II** **Article ID 8442**
- **SLK Weight Test Trolley up to 220 kg** **Article ID 5470**

Safety Information

- **The SLK Eazy-up hoists may be used exclusively for the purposes stated as the intended use.** They are not approved for lifting objects and they are no toys. If this is disregarded, the hoist can be damaged and accidents may happen. Never leave children unattended near the hoist.
- **Do not exceed the permissible safe working load**, which you can find on the type labels of the hoist. If this is disregarded, the hoist can be damaged and accidents may happen.
- Before every application of the **SLK Eazy-up**, check its readiness for use by means of the **“Daily Use Checklist”**. *(Page 24)* **In case of any irregularities, do not use the hoist and immediately contact your specialized dealer.**
- **The SLK Eazy-up must not be modified in design and only be used with the SLK hoist slings intended for it.** *(Page 7)* For hoist slings of other manufacturers, a valid compatibility declaration must be available. Non-compatible slings and design modifications can result in damages on the hoist and accidents.
- The **SLK Eazy-up** may only be used indoors on even, smooth surfaces and on one and the same floor of the building. Do **not drive over** high connection strips, carpet edges, cables or similar **obstacles**. Remove all obstacles before use. If this is disregarded, the hoist might overturn.
- Please ensure that **no persons are near the hoist** (e.g. children) or pets during the use. They might be put in danger and be injured or themselves obstruct and imperil the transport process.
- Before lifting the patient, ensure that the **area of movement of the lifting arm is clear** and that it does not travel under book shelves or similar. The force of the lifting arm may damage furniture and therefore expose the patient and the nurse to a hazard.
- Ensure that the patient does not hold on to items of furniture or similar **during the lifting, lowering or transfer**. There are risks of injury from being crushed or from objects falling down.

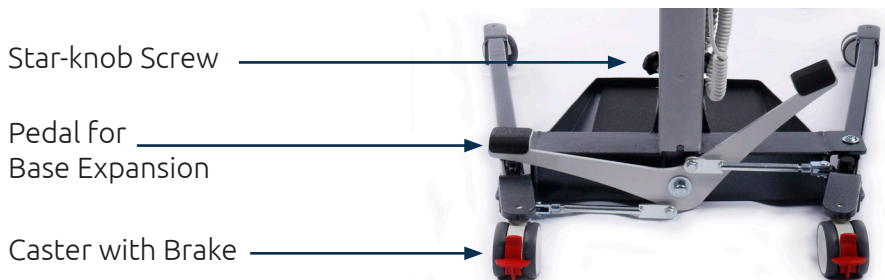
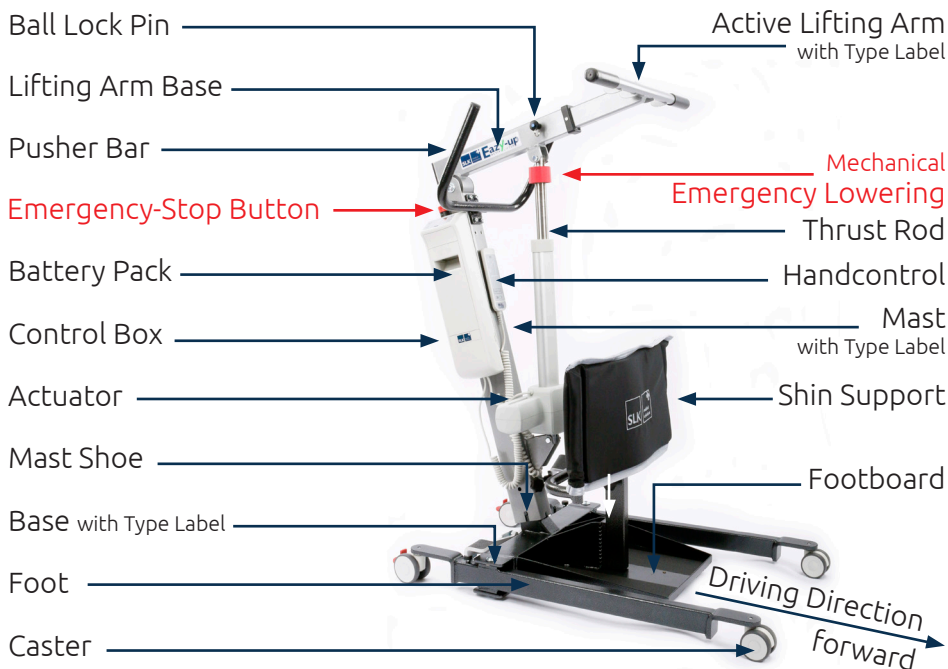
Safety Information

- Move the **SLK Eazy-up** slowly and evenly, at most at walking speed, and **avoid sudden changes of direction**. The hoist may overturn if you move it too fast.
- Do not touch parts of the actuator while **maneuvering** the hoist. Improper loads can damage the actuator.
- **Never leave the patient unattended** during the use. There is a risk of accident.
- The **SLK Eazy-up Active Hoists** are not suitable for use by the patient on their own. This also applies to the **charging of the battery pack** by means of the charger.
- During handling **while it is plugged into the charger, the user must never touch the patient at the same time**.
- **The charger must be unplugged from the socket for cleaning and disinfection!**
- The hoist must **not be used under running water**, e.g. in a shower. **Penetrating moisture** can damage the electronics.
- The **annual maintenance** of your **SLK Patient Active Hoist**, including functions test with safe working load, must be conducted and documented by **trained personnel** at regular intervals. A hoist not receiving regular maintenance services harbors a latent safety risk.
- The **packaging material** of our product must be kept away from children and be disposed off correctly. If applied improperly, it can be a hazard to the health of children and lead to death by suffocation.
- The hoist is **not EX-protected**. It may be operated only in normally composed atmospheric air.
- Please note the safety information on the **back side of the battery pack**.
- Keep a **minimum distance of 3.3 m** between the patient lift and electronic devices (e.g. mobile phones). Interactions cannot be ruled out entirely.

Overview

SLK Eazy-up

Depending on the model and development stage, your **SLK Eazy-up** may slightly differ in color and look from the one in the figure below.



Type Label Information



The **manufacturer** is **SLK Vertriebsgesellschaft mbH.**



Date of manufacture (e.g.: **06/2020**)



Serial number (e.g.: **8002U12345**)

4-digit article ID, letter, 5-digit unique number for identification and traceability.



Medical Device

with European Declaration of Conformity



Use only **indoors**.



Protection type: **double protective insulation**

IP 24

IP = Ingress Protection DIN EN 60539

ingress protection against **solid objects level 2**
($\geq \varnothing 12.5$ mm)

ingress protection against **liquids level 4**
(spray water from all sides.)

32 W

The **power consumption** from the grid during charging is **32 Watt**.

max. xxx kg

Safe Working Load (For weights in **st** or **lbs** look at **page 31**)



Observe the User Guide.

**2 min. ON,
18 min. OFF**

Intermittent Duty:

After 2 minutes operating time of the electrical system, a break of 18 minutes must follow to prevent damage on the electrical components.

Scope of Delivery

SLK Eazy-up



- **Mast with Lifting Arm Base, Drive System and Handcontrol**
- **Lifting Arm**
- **Battery Pack**
- **Base with Footboard**
- **Shin supports**
- **Pusher Bar, 4 Screws and Allen Key**
- **Charger**
- **User Guide**
- **Check Slip**

Assembly

Unpacking

The active hoists of the **SLK Eazy-up** product family can be fully assembled without additional tools needed.

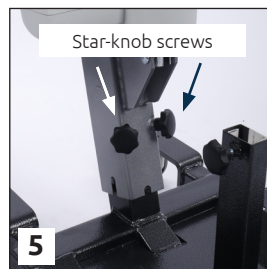
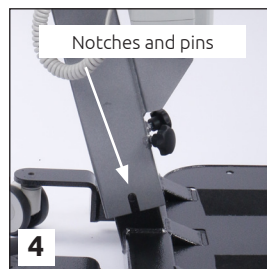
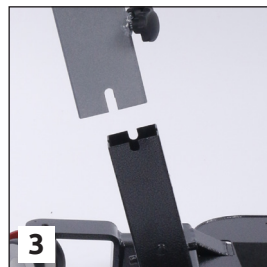
- **Open** the box and, if possible, hold on to it in case you want to put the product into storage.
- Undo the **cable ties**. To be safe, use a cutter or scissors **but not a knife!**
- **Extract** the unit comprising the lifting arm base and the mast and put them aside.
- **Take** the base out of the box. While you do so, have **a second person help you** or **use lifting gear**.
- **Engage both brakes** on the rear casters. (**Fig. 2**)



Assembly

Installation of the Mast

- Push the **mast** with its lower end onto the **mast shoe** of the base. The star-knob screws are pointed toward the footboard in the process. **(Fig. 3)**
- The **pins of the mast shoe** are to interlock with the **notches** at the lower end of the mast. **(Fig. 4)**
- When you have made this connection, **fasten both of the star screws** on the front side of the mast. **(Fig. 5)**
- The **connection** between the base and the mast should now be tight without **clearance**.



Assembly

Installation of the Pusher Bar

- **Unpack pusher bar** and **screw it firmly** onto the mast with the four screws, using the Allen key that is part of the delivery. **(Fig. 6)**



Assembly

Installation of the Shin Support



- Loosen the **star-knob screw** and push the **square tube** of the shin supports **into the recess**. (*Fig. 7*)
- **Fasten** them with the **star-knob screw**. The height of the shin support depends on the length of the patient's legs. (*Page 27*)

Assembly

Installation of the Lifting Arm



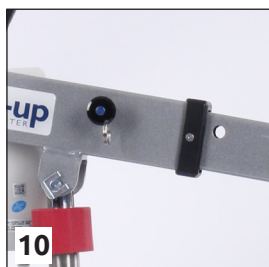
Your **SLK Eazy-up** is equipped with a **ball lock pin** to secure **the lifting arm**. (*Fig. 8*)

- To get the pin out of its fixation, **press the button in the middle**. While you are pulling out or inserting the pin, you must **hold down** the button. (*Fig. 9*)



- **Remove** the ball lock pin from the lifting arm base.

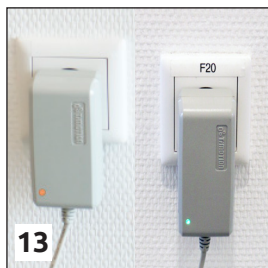
- Push the **SLK Eazy-up lifting arm** into the lifting arm base. Select the first hole for installation so the lifting arm will have its maximum length. **Secure** it with the **ball lock pin**. (*Fig. 10*)



- To **remove the lifting arm**, remove the ball lock pin and pull the lifting arm out of the lifting arm base.

- **Unlock** the **emergency-stop button** by turning it clockwise *(page 31)* to test the function of the **SLK Eazy-up**.
- By pressing and holding down **Button A** on the handcontrol, move up once to the **upper limit stop**, and move down to the **bottom limit switch** by pressing and holding down **Button B**. *(Page 18/19)*
- Charge the hoist **fully** for use. *(Page 16)*

Charge the battery pack fully before first use.



- To **charge** the battery pack, the **emergency-stop button must be released.** (Page 17)

When the emergency-stop button is pressed down, the charging operation will not work.

- Open the silicon stopper and **connect** the charger with the control box. (Fig. 11)
- The **collar of the plug** must be **flush with the housing.** (Fig. 12)
- Plug the **power plug** of the charger into a socket. **Please notice the safety information on pages 8 and 9.**
- During charging, the **LED** on the charger will be lit in **orange**. The display changes to **green** as soon as **at least 80%** of the charged condition is reached (Fig. 13). The **batteries should never be completely discharged** because this can cause damage to them. **The charging time is approx. 4 hours.** It is a good idea to charge the battery pack overnight. It is **protected against overcharging.**
- The actuators of the **SLK Eazy-up do not function during the charging operation.**
- To charge the battery pack, the **SLK charging station (Fig. 14)** also can be used.

See page 7 for accessories.

To extract the **battery pack**, proceed as follows:

- Put your hand into the **recessed grip** and press the **unlocking button** up. (Fig. 15)
- **Pull** the battery pack **towards you**.

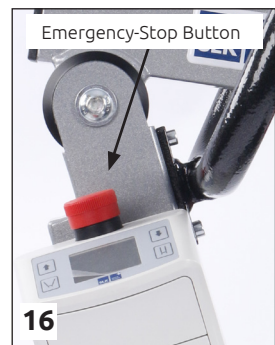


Use

Emergency-Stop Button

Using the **emergency-stop button**, the lifting or lowering movements of the **SLK Eazy-up Hoist** can be stopped instantly **if there is danger**.

- To do so, press the **red knob down**. When the danger is removed, release the emergency-stop button by **turning it clockwise**. (Fig. 16)
- If the hoist is to be **transported** or **put into storage always** press the **emergency-button downward**. This is how unintentional movements on accidental activation of the handcontrol are avoided.



Use

Emergency Lowering

If the handcontrol is defective, the **electrical emergency lowering function** can be triggered by means of the control box (**arrow down**). If the control box or the battery pack or the handcontrol are defective, the **SLK Eazy-up Patient Hoist** can also be **lowered manually**:

- Press the **red ring** on the upper end of the thrust rod **down and turn it clockwise**. This lowers the lifting arm. (Fig. 17)



Use

Brakes



The brakes of the **SLK Eazy-up Patient Hoist** are installed **on the rear casters**. Always use **both brakes** to brake the hoist.

- Step from the top onto the brake pedal until it **locks**. (*Fig. 18*)



- Release the brake by **lifting** the brake pedal again with the tip of your foot or by **tapping it horizontally** with the tip of your foot. (*Fig. 19*)

Use

Handcontrol

Depending on the model and drive type, your **SLK Eazy-up Patient Hoist** is equipped with either a **Handcontrol Type I** (*Fig. 20*) or a **Handcontrol Type II** (*Fig. 21*). (*Page 19*)

Handcontrol Type I is always combined with **Control Box Type I**.
Handcontrol Type II is always combined with **Control Box Type II**.

Compare the figures to your hoist to find the matching instruction.

The buttons of both handcontrols work **by tapping on them**. When the **button is pressed and held down**, the respective motor moves and when it is released, **the movement** of the lifting arm or base expansion stops.

The handcontrol can be fastened on the backside on all steel parts of the hoist by means of an **integrated magnet**. The handcontrol of the **SLK Eazy-up 185 Eco** is equipped with a **hook**.

Handcontrol

Type I

Overload Symbol: Safe working load exceeded

Button A: Lifting arm moves up

Button B: Lifting arm moves down

Button C: Base is expanded

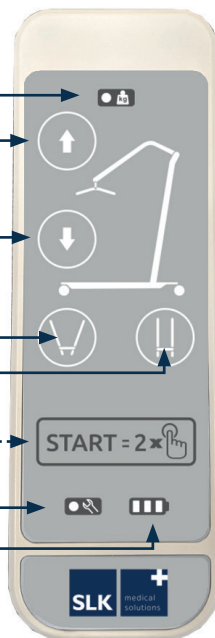
Button D: Base is narrowed

Wake-up Control Box: Press any optional button once. Function starts when you press the second time.

Maintenance Symbol

Charging Status Symbol

20



Handcontrol

Type II

Overload Symbol: Safe working load exceeded

Button A: Lifting arm moves up

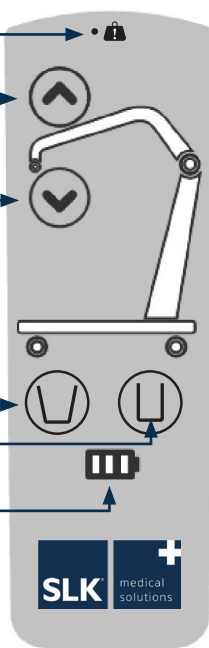
Button B: Lifting arm moves down

Button C: Base is expanded

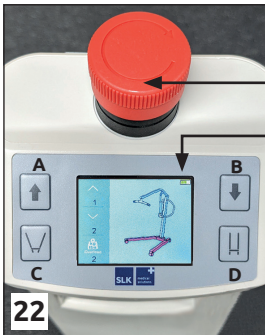
Button D: Base is narrowed

Charging Status Symbol

21



The **SLK Eazy-up Active Hoists** can also be operated by tapping on the control box. Your lift is equipped with a **control box type I (Fig. 22)** or **type II (Fig. 23)**. Compare the figures to your lift to find the matching instruction.



Control Box

Type I

Emergency-stop button

Charging status symbol (while display is active)

Button A: Move lifting arm up

Button B: Move lifting arm down

Button C: not assigned

Button D: not assigned



Control Box

Type II

By **pressing** one of the two **buttons A or B** quickly (<0.5 sec.), the **next menu item** is called up.

The display shows the symbol for the function that is currently active. (Fig. 24-25)



1. Lifting arm (Fig. 24)

Button A: Move lifting arm up

Button B: Move lifting arm down



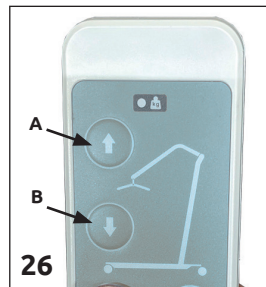
2. Charging status symbol (Fig. 25)

By **pressing and holding down** (>0.5 sec.) **Button A or B** in the menu item "Lifting arm" (Fig. 24), the **actuator is moved**.

To move the lifting arm on your **SLK Easy-up Active Hoist**, you can use either the handcontrol or the control box.

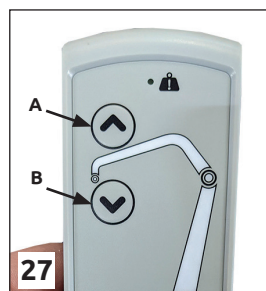
Operation by Handcontrol Type I

- **Press** any optional **button (A, B, C or D)** to wake up the **control box**. (*Page 19, at the top*)
- **Press and hold down button A** to move the lifting arm up. (*Fig. 26*)
- **Press and hold down button B** to move the lifting arm down. (*Fig. 26*)



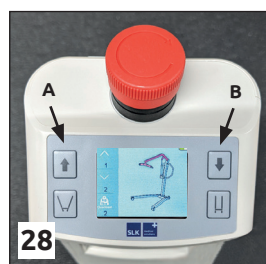
Operation by Handcontrol Type II

- **Press and hold down button A** to move the lifting arm up. (*Fig. 27*)
- **Press and hold down button B** to move the lifting arm down. (*Fig. 27*)



Control by Control Box Type I

- **Press and hold down button A** to move the lifting arm up. (*Fig. 28*)
- **Press and hold down button B** to move the lifting arm down. (*Fig. 28*)



Control by Control Box Type II

Select the desired function by **pressing Button A or B** quickly (<0.5 sec.) (*Fig. 24*)

- **Press and hold down button A** to move the lifting arm up. (*Fig. 29*)
- **Press and hold down button B** to move the lifting arm down. (*Fig. 29*)



Use

Eazy-up flex Base Expansion



To **improve stability** and simplify **access** to wheelchairs and other seats, the **SLK Eazy-up flex Active Hoists** are equipped with a manually expandable base.

- **Step** on the **left side of the pedal in driving direction** to expand the base. *(Fig. 30)*
- **Step** on the **right side of the pedal in driving direction** to retract the base again. *(Fig. 31)*



Use

Charging Status Symbol

The LEDs of the charging state symbols on the handcontrol or on the display of the control box show the **charging status during operation**.

1 bar = battery pack is charged

2 bar = battery pack has medium charge

3 bar = battery pack is fully charged

When the **display switches to red**, the started lifting process can still be completed, **but the battery pack must be charged afterwards**. *(Page 16)*

Use

Overload Symbol

If the **permissible safe working load (*type label*)** is exceeded, the **overload symbol** lights up. **Immediately discontinue** the lifting process and use a hoist with a higher safe working load.

Use

Maintenance Display

If the **maintenance display** on the control box or handcontrol type I lights up, contact your specialized dealer **immediately**.

A visual inspection should be done **before** each use. **To do so, work off the points** on the checklist **one by one**. If you practice this procedure routinely, your attention to discrepancies from the normal state will be sharpened. You can assure yourself of the safe condition of the **SLK Active Hoist** before each use in a minimum of time. This will improve your own safety as well as the safety of the patient.

1. Are **all casters** fastened firmly and do they turn easily?
2. Are **both feet** screwed on firmly on their pivot points? (Applies to **Eazy-up flex** only)
3. Do the **brakes work on the right and left**?
4. Is the **mast shoe** of the mast undamaged?
5. Are the **star-knob screws** firmly tightened on the mast shoe?
6. Are all **cables** undamaged and connected with the control box?
7. Is the **actuator** mounted correctly **at the top and bottom**?
8. Is the **battery pack** sufficiently charged?
9. Is the **emergency-stop button** unlocked and does the **hoist drive work**?
10. Is the **pivot point of the lifting arm** fastened in the same way as before?
11. Is the **lifting arm** mounted firmly and secured with the **ball lock pin**?
12. Is the **hoist sling** free from cracks and are the stitches undamaged?
13. Is the **shin support** installed correctly and the **star-knob screw** tightened firmly?

Use the Active Hoist only if all points are OK. In case of deviations or uncertainty, please contact your specialized dealer.

12 Hoist Sling



**11 Ball lock pin
lifting arm**

**10 Pivot point
lifting arm**

**9 Emergency-stop
button**

8 Battery pack

7 Actuator

6 Cable

**5 Star-knob screw
Mast**

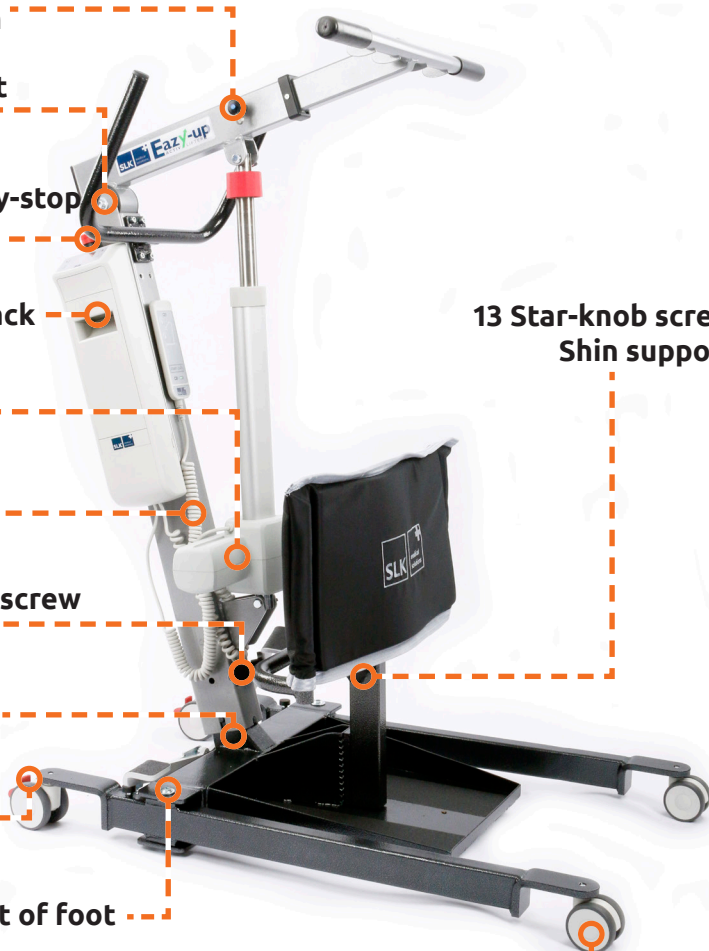
4 Mast shoe

3 Brake

2 Pivot point of foot

1 Caster

**13 Star-knob screw
Shin support**





- First, position the **Active Hoist sling** (here e.g. **SLK Active Hoist sling**) in the **middle behind the patient's back**. If possible, the patient can also assist the process by **bending slightly forward**. *(Fig. 32)*
- The **underarm pads** should sit in the arm-pits and the sling should sit around the lumbar spine *(Fig. 33)*
- **Close the Velcro fastener**. Please see the **user guide of the hoist sling that is used**.
- **Put the brakes** of the wheelchair/toilet chair on; keep the **brakes** of the **expanded SLK Eazy-up** released.

SLK Eazy-up fix without Base Expansion

Put the **SLK Eazy-up lifting arm** into the **lowest position** and move the hoist **as close as possible** to the patient. If the patient is in a **wheelchair**, the footrests may have to be **turned to the side or be removed**. *(Fig. 34)*

SLK Eazy-up flex with Base Expansion

Expand the base of the **SLK Eazy-up Active Hoist** and push the hoist **as close as possible** to the patient. Move the lifting arm into its lowest position. *(Fig. 35)*

- Place the patient's **feet onto the foot-board**. The **shins** should contact the **shin support directly**. *(Fig. 36)*

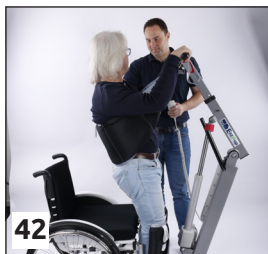
- **Adjust the shin support** so that the patient's **knees** and **upper shin** are **protected**. (Fig. 37)
- Hook the **loops** of the active sling **between the ends** of the handle bar on the lifting arm. The loops with **identical color** should be hooked in on both sides. (Fig. 38)
- Notice the **user guide of the hoist sling** that is used.
- The **right lifting armlength** for the patient should be determined by trying it out carefully.
- It depends not only on the patient's **physical height** but also on **their preferences** when holding on to the lifting arm. Some patients prefer having **as much contact as possible with the lifting arm**, which means a **setting to a longer length**. (Fig. 39)
- Other patients prefer to keep **more distance** when holding on to the grips of the lifting arm. In this case, the **lifting arm must be set to a shorter length**. (Fig. 40)



Lifting

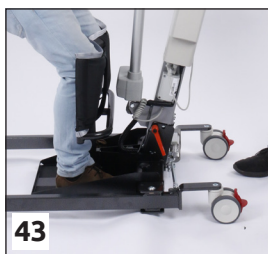
- The patient can now **hold on to the grips of the Active lifting arm** to assist as best as possible **in the raising process by means of their body tension**. (Fig. 41)
- Press the **"Up" button (A)** of the manual control. **Watch the raising process** and intervene if necessary.





- End the raising process when the patient has found **stable and comfortable footing**. (Fig. 42)

Transfer



- So you can also pass through doors or narrow halls during a transfer, **close the base of the Eazy-up flex again before the transfer**. (Fig. 43)
- The patient is to be preferably transferred **forward in driving direction** by means of the Active Hoist. Push the hoist on the pusher bar. (Fig. 44)



- *In doing so, observe the safety information on pages 8 and 9.*

Lowering





- Before lowering the patient, assure yourself that **the seat is clear and that its brakes are on** and that it is at a safe stop.
- Push the **SLK Eazy-up as close as possible to the seat**. When using an **Easy-up flex**, expand the base again if applicable. (Fig. 45)



- **Alert the patient** of the start of the lowering process and ask them **to assist as best as possible**.
- Now press the **"Down" button (B)** on the manual control and **watch the lowering process** to be able to intervene if necessary. (Fig. 46)

Troubleshooting

Fault description	Cause	Remedy
Hoist does not lift/lower	Emergency-stop button is activated	Turn emergency-stop button clockwise
Hoist does not lift/lower	Charger connected	Disconnect hoist from the charger
Hoist does not lift/lower	Battery pack not inserted correctly or empty	Lock in battery pack correctly, charge with charger if needed
Hoist does not lift/lower when activating the handcontrol, control box buttons respond	Handcontrol cable not plugged in correctly or handcontrol defective	Plug in handcontrol cable to the stop or replace handcontrol
Hoist does not lift/lower	Motor cable not plugged in correctly	Plug in motor cable to the stop
Hoist does not lift/lower	Actuator overloaded (overheating protection)	Let the actuator cool down
LED of handcontrol lights up orange-red	Low charging level	Charge battery pack
Actuator makes unusual noises	Defect of actuator	Take hoist out of operation, contact specialized dealer
Warning on the control box display 	Low charging level	Charge/replace battery pack
Maintenance display control box/handcontrol 	11,000 lifting cycles have been exceeded	Replace device

If you cannot identify/remedy the fault, contact your authorized dealer. The dealer receives support from the **SLK Hoist Service**.

Transport

If the **SLK Eazy-up** is to be transported, press the **emergency-stop button** (*page 17*).

If the hoist cannot be transported in one piece to the place of use, you can disassemble it into individual low-weight **assembly groups**. They can then be carried relatively easily.

The **SLK Eazy-up Active Hoists** can be disassembled **without tools** into the following assembly groups/components (*page 12, Fig. 1*):

- Mast (with lifting arm base, drive and control box)
- Base with footboard
- Active lifting arm
- Shin support
- Battery pack

Please notice the **transport conditions** (*see below*)

Transport and Storage Conditions		
Environmental conditions	for use	for transport and storage
Ambient temperature	+10°C to +40°C	-10°C to +50°C
Relative humidity	30% to 75% (noncondensing)	30% to 75% (noncondensing)
Air pressure	86 kPa to 106 kPa	86 kPa to 106 kPa

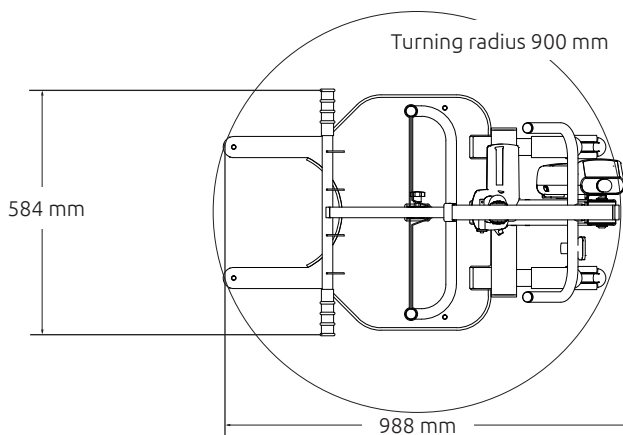
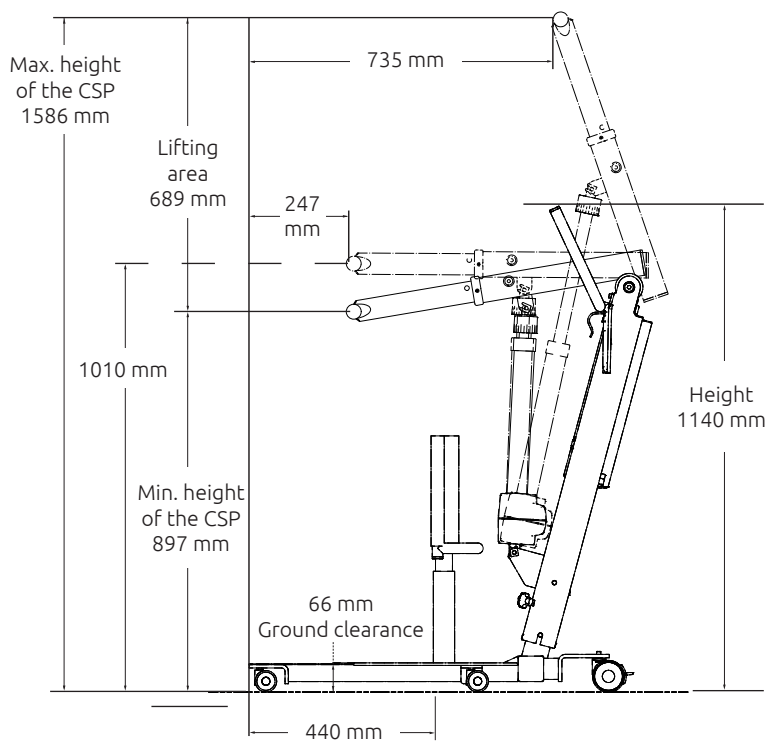
Technical Data

SLK Eazy-up		fix	flex
Length		99 cm	112 cm
Width		58 cm	58 cm
Total height		114 cm	115 cm
Height of feet		6.6 cm	9 cm
Caster diameter ^{front/rear}		5 / 7.5 cm	6.5 / 7.5 cm
Lifting height		90 - 159 cm	90 - 159 cm
Base expansion		-	46 - 78 cm
Turning radius		90 cm	114 cm
Total weight		34 kg	37 kg
Base weight		18 kg	21 kg
Mast weight*1		16 kg	16 kg
Safe Working Load		160 kg 25 st 353 lbs	160 kg 25 st 353 lbs
Battery pack	Lead	24 V / 5 Ah	24 V / 5 Ah
	Li ions	24 V / 4.4 Ah	24 V / 4.4 Ah
Power consumption		32 W	32 W
Charger input Alternating current		110 - 240 V 50 - 60 Hz / 1 A	110 - 240 V 50 - 60 Hz / 1 A
Charger output Direct current		24 V DC / 1.5 A	24 V DC / 1.5 A
Standby		0.5 W	0.5 W
Operating noise		55 dB(A)	55 dB(A)
Lifting cycles (number pro load)		60	60
Lifting cycle (time)	120 kg	65 s	65 s
	Max. load	68 s	68 s

*1 with lifting arm, drive and control box, without battery pack

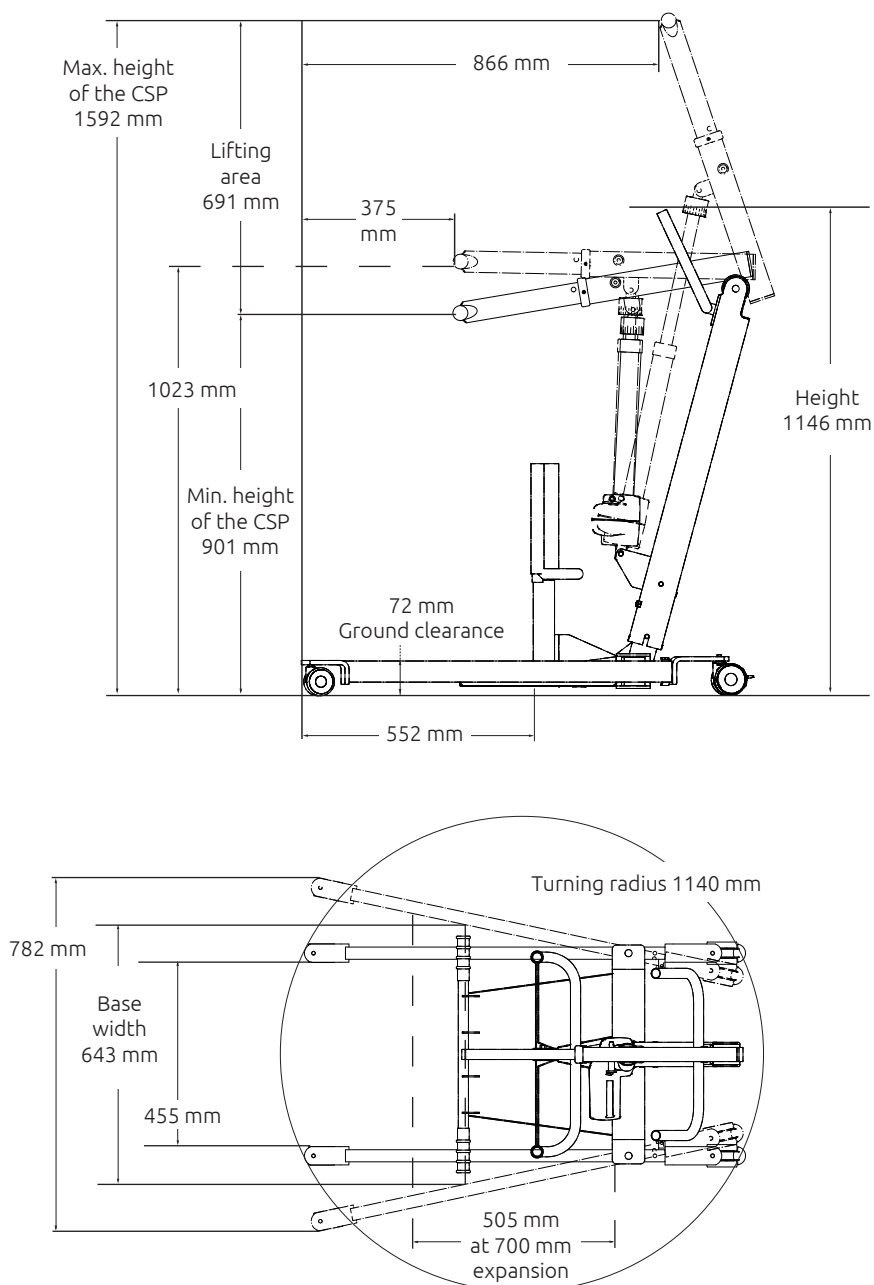
Dimensions

SLK Eazy-up fix



Dimensions

SLK Eazy-up flex



Cleaning

Use a damp cloth to clean your **SLK Multy** with a mild cleaning agent such as a household cleaner.

The charger must be unplugged from the socket for cleaning and disinfection!

For **wiping disinfection**, use **only approved cleaning agents**.

Three examples of generally suitable disinfectants recommended by the *German* authorities:

- **hygienicVIRUZID** by Hagleitner Hygiene
- **Melsitt** by B. Braun
- **Optisept** by Dr. Schumacher

Storage

To prepare the **SLK Eazy-up** for storage, first fully charge the battery pack and press the **emergency-stop button**.

Charge the battery pack regularly during the period of storage, whereas at least every 3 months. This way, it will be ready for use immediately when needed.

The best protection for the **SLK Eazy-up Hoist** against dust and similar influences is provided by packing it in the original box.

For this, the hoist must be retrofitted to its condition as delivered **(page 12)**. **Please notice the storage conditions. (Page 30)**

Maintenance

The useful life and safe use of the **SLK Eazy-up Active Hoists** depend quite essentially on the **regular performance of maintenance**. Defects or signs of wear can be detected and repaired in the course of the maintenance service.

- Perform and **document** the annual maintenance of your **SLK Patient Hoist** including functions test with safe working load **at regular intervals**.
- Maintenance may only be performed and documented **by qualified trained personnel**.
- The maintenance must also be performed and documented **for each commissioning** (e.g., reuse) and **after each repair**.
- In this context, please see the **standard DIN EN 62353** "Medical electrical equipment. Recurrent test and test after repair of medical electrical equipment", **which applies to the operator**.
- **Do not** recommission the Patient Hoist if one of the rows in the maintenance plan cannot be checked-off **with O.K.** Attach a **clearly visible sign** on the hoist and **remove the battery pack** from the place of use to safely decommission the Patient Hoist.
- Have the fault repaired by **trained personnel**.
- You can find the **maintenance plan (status May 2022)** on **pages 36 and 37**.
- To fill out the **respectively current maintenance plan**, print it out from the SLK website **www.slk-gmbh.de**. You can find it in the download area.

Maintenance Plan

SLK Eazy-up Product Family

- ☐ SLK Eazy-up fix
- ☐ SLK Eazy-up flex



Wellell Group

SLK Vertriebsgesellschaft mbH
Am Herdicksbach 18
D-45731 Waltrop
Telefon: +49 (0) 231 / 92 53 60 - 0
Internet: www.slk-gmbh.de

Serial number: _ _ _ _ _ Date of manufacture: _ _ / _ _ _ _

Pos.	Object		OK	not OK	Remarks	Repaired on:
1	Hoist in original condition					
2	Compatibility certificate for accessory and device combinations is available					
3	User guide available					
4	Type labels present and legible					
5	Casters	• turn easily				
		• pivotable by 360°				
		• undamaged				
		• Fastening screws tightened firmly				
		• Brakes in functional condition				
6	Welding seams ok/ no crack formations/ no deformations	• Base				
		• Mast				
		• Lifting arm				
		• Pusher bar				
		• Motor brackets				
		• Shin support				
7	No surface damage or corrosion					
8	Function of the base expansion works easily (only Eazy-up flex)					
9	Bolt with SL clip in proper condition (replace in case if marks are present)					
10	Bolt for fixing the lifting arm are present and in proper condition (replace in case marks are present)					
11	Screws tightened firmly	• between the base and mast				
		• between the mast and lifting arm (100 Nm tightening torque)				
		• between the base and feet (only Eazy-up flex) (100 Nm tightening torque)				
12	Pusher bar is screwed on					
13	Plugs are present					

Use the current maintenance plan from

POS.	Object	OK	not OK	Remarks	Repaired on:
Electrical system					
14	All cables undamaged and connected				
15	Emergency-stop button present and functional (no function while emergency-stop button is pressed, reactivation only by turning)				
16	Charger is present and undamaged, orange control lamp during charging				
17	Charging function available				
18	No lift function during charging				
19	Tipping operation of the handcontrol works (releasing the handcontrol stops the lift operation)				
20	Handcontrol including cable and strain relief are undamaged, control lamps work (if present)				
21	Seal ring present on the plug of the handcontrol				
22	Control box screwed on tightly				
23	Locking of the battery pack engages				
24	Electrical control by means of the buttons on the control box works				
25	Indicators/displays function				
26	Both limit switches function (drive switches off at full height and bottom)				
27	No reverse rotation of the drive motor				
28	Automatic emergency lowering works				
29	Grease deposits removed from the thrust rod				
35	Base expansion works				
36	Test of the entire lifting cycle performed with 50% of the maximum nominal load of the hoist pursuant to EN 10535 Annex B1				

the SLK website for the documentation!

☐

The patient hoist can be used.

☐

**The patient hoist must be serviced before reuse.
(A corresponding label has been appended.)**

Date: _____

Signature of tester: _____

Next servicing: _____

Name in printed letters: _____

☐

**All defects have been repaired professionally.
The patient hoist can be used**

Date: _____

Signature of tester: _____

Next servicing: _____

Name in printed letters: _____

Conformity

The **SLK Eazy-up fix** and **SLK Eazy-up flex**

are active medical devices of class 1 according to the Medical Devices Regulation (EU) 2017/745.

The declaration of conformity was prepared pursuant to Section 2, Article 52 (7) and its full text can be requested by our customers at any time.

Applied Standards

All **SLK Eazy-up models** comply with DIN EN ISO 10535:2022-03 and the requirements of EN ISO 60601-1:2013-12.

Electromagnetic Compatibility (EMC)

The **Active Hoists of the SLK Eazy-up Product Family** comply with the requirements of DIN EN ISO 60601-1-2:2015. This was proven and documented in external tests by accredited testing bodies. We expressly inform that the emitted interference from the drive was measured and approved under safe working load. Our customers can request the EMC certificates at any time.

Warranty / Guarantee

The warranty and guarantee follows from our current service guidelines. These can be requested by our customers at any time.

Useful Life

The useful life of the **SLK Eazy-up Active Hoist** is 11,000 lifting cycles in accordance with the standard.

Because the use of the Active Hoist can vary greatly in intensity, a statement as to the useful life in years is not very helpful and **SLK** therefore expressed it in reference to the number of lifting cycles.

Calculation example: If a **SLK Eazy-up** is used for a patient, who requires four lifting cycles per day, each day of the year for care, then the 11,000 lifting cycles will be used up after around seven and a half years.

$$\frac{11,000 \text{ lifting cycles}}{365 \text{ days} \times 4 \text{ lifting cycles}} = 7.53 \text{ years}$$

When the product lifetime of 11,000 lifting cycles is reached depends on the **regular professional maintenance and care** for the active hoist being performed by trained personnel.




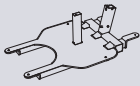


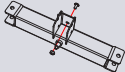







Once the 11,000 lifting cycles are reached, the control box will show the maintenance symbol on the display.

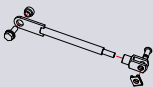




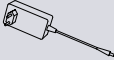





The theoretical useful life of the battery pack is 500 charging cycles. This is on the presumption that they are charged fully (i.e. every 3 month). The batteries **must never be exhaustively discharged**.

Disposal



The **SLK Eazy-up** must not be disposed off with household waste. Take the electrical components to a collection center for electronics waste and **also dispose off** the rest **separated by materials**.

Article IDs of Spare Parts			SLK Eazy-up
Spare Part*1	Drawing	Eazy-up fix	Eazy-up flex
Hoist Components			
User Guide (ENG) Gebrauchs- anweisung (D)		8292	8292
		8294	8294
Base		8755	-
Foot, left		-	8758
Foot, right		-	8759
Central Tube		-	8760
Mast		8761	8761
Pusher Bar		8662	8662
Lifting Arm Base		8763	8763
Lifting Arm Active		8757	8757
Shin Support, metal		8733	8733
Shin Support, soft		8735	8735
Pedal		-	8650

Article IDs of Spare Parts			SLK Eazy-up
Spare Part* ¹	Drawing	Eazy-up fix	Eazy-up flex
Hoist Components			
Spreader Bar		-	8691
Caster, front		8764	8693
Caster, rear		8697	8697
Service Set* ³		8765	8765
Drive Components Type I* ³			
Handcontrol		8636	8636
Charger		8633	8633
Battery Pack		8632	8632
Control Box		8631	8631
Actuator		8637	8637
Drive Components Type II* ³			
Handcontrol		8445	8445
Handcontrol Magnet		8455	8455

we lift you up



Wellell Group

SLK Vertriebsgesellschaft mbH
Am Herdicksbach 18
D-45731 Waltrop

Phone: +49 (0) 231 - 92 53 60 - 0
Fax: +49 (0) 231 - 92 53 60 - 29
E-mail: info@slk-gmbh.de
Internet: www.slk-gmbh.de

Version: 2.4
Status: June 2022
Released by: QMB

**If you are an end consumer,
please contact your supplier.**

 @SLK Medizintechnik

 slk_medizintechnik

#workgreen

Article ID of this User Guide 8292

Visit our website www.slk-gmbh.de.

You can find the current version of this user guide in the download area.

Diese **Gebrauchsanweisung** ist auch in **Deutsch** erhältlich. **Artikel-ID 8294**