Safe Patient Handling With the Right Products and Competence.

Liko™ Lifting Solutions

Hill-Rom.
Enhancing Outcomes for Patients and Their Caregivers.
More than 30 years’ experience of lifting and transferring people in a safe and careful manner has given us specialist knowledge, technology and methodology. Our ambition is to develop the world’s easiest, safest and most efficient aids for use during lifts and transfers, thereby enhancing outcomes for patients and their caregivers.

Today, we have the world’s widest and most functional range of patient lifts, slings and accessories. Combined with other solutions from Hill-Rom’s wide product range, we can provide total room solutions for hospitals and other care facilities worldwide.

We are always strictly focused on safety, quality and the environment, and we are certified where possible. This ensures security for the users of our products.

In this brochure we introduce a selection of our products. Please contact us, so that we can together find solutions that are best suited to your needs.
The Sling is Half the Lift.

1. Horizontal Lifting
It is often severely injured people who need to be lifted in a horizontal position. We have several different stretchers and several methods for instance, intensive care, surgery, back-injured and burnt patients. We also have accessories for transfers from emergency and ambulance gurneys.

2. Repositioning
Lifting and repositioning patients is one of the most common operations around the bed. It is also the operation which causes many work-related injuries. We offer several different aids to facilitate this task.

3. Bed to Chair
The most common lifting need for most patients. Comfort, safety and security are important needs to consider. For best result, the sling bar should also be selected carefully.

4. To/From the Toilet
Lifting severely disabled people to and from the toilet and simultaneously being able to take off their clothes requires thought-through slings which provide maximum access around the body without compromising safety.

5. Pain/Pressure Sensitive
Pain-sensitive people have to be lifted with utmost care. Soft-padded slings and multipoint suspension contribute to the distribution of pressure.

6. Standing/Gait Training
Being able to stand up and put weight on skeleton and muscles is not only promoting health on a physical plane but also gives satisfaction and increased confidence. Liko's lifting accessories for standing provide new and exiting possibilities to stand and move under safe and controlled forms.

7. To/From the Floor
It is not just when somebody has fallen down that you need to lift from the floor. In rehabilitation the lifting need to and from the floor is great. With Liko's lifts, in combination with a sling supporting the entire body, this transfer is made in the gentlest possible way for the patient as well as the caregiver.

The sling being half the lift is a concept we have advocated for many years. Without a carefully selected and well-adapted sling, lifting is never as gentle and smooth as it should be. This is the very basis of our philosophy when we develop our green Liko slings.

In order to develop the optimal sling, you have to know the details about a patient’s function and situation on all levels, both physically and socially. Throughout the years, we have worked close to our customers to gain this understanding, and today there is a Liko-sling for every lifting situation.

The Sling Guide on our website can help you to choose the right sling for your patient and lifting need, and there you can also read more about the different lifting situations introduced on this spread.
8. Lift and Hold
Even lifting and holding an arm or a leg can be a heavy task which becomes easier if a patient lift is used. We offer specially developed lifting accessories for this particular task.

9. Bath and Shower
Liko’s slings for bath and shower are made from permeable plastic-coated net. They are available in several models to meet different patients’ individual needs for support and comfort in the best possible manner.

10. Leg Amputees
Liko™ has several methods for lifting leg-amputees. The model selected depends on the degree of the amputation and on the lifting situation.

11. Lifting Children
Children are not small adults. The lifting needs in rehabilitation are often very special and require great care and special skills. We at Liko™ have long experience in this area and are always developing new methods.

12. Disposable Sling
Not using the same sling for many different patients is a step in the fight against multi-resistant bacteria. Therefore Liko™ has developed the Solo range of slings, lift sheets and other accessories.

13. To/From the Pool
Lifting people into a pool can be done while they are either sitting on a bath chair or in a suitable sling made from permeable plastic-coated net.

14. Bariatric Patients
Lifting extremely heavy patients requires both specially designed lifting equipment and special technique. We have products for lifting and repositioning patients weighing up to 500 kg.
Mobile Lifts for Every Situation.

A mobile lift may be the best choice when the lifting need is temporary or budgets are restricted. All of our mobile lifts have special features that help to meet your needs in different ways. Contact your Hill-Rom, representative for help in choosing the optimal solution.
The Complete Mobile Lift.

**Golvo™**

Sometimes it’s difficult to choose between a mobile lift and an overhead lift. Liko™ simplifies that choice with the design success Golvo™, a unique mobile lift that offers the advantages of an overhead lift. With its world-patented lifting principle and pliable lift strap, Golvo™ offers flexibility and versatility found in no other mobile lift.

The retractable armrests, which are standard, help to make Golvo™ the perfect mobile lift for gait training during rehabilitation.

Environmentally sound design and recyclable aluminium make Golvo™ a strong, light mobile lift that you can depend on in every lifting situation. With smart technology such as a wireless handcontrol, an intelligent control box and environmentally friendly battery, Golvo™ is in every sense the complete mobile lift.

A special version of Golvo™ is adapted to permit access under low beds. We call it Golvo™ LowBase.

**Important Features**

- The vertical lifting motion, enabled by a flexible lift strap, is the most logical and easiest way to lift a person.
- Parallel and symmetrical base-width adjustment enables easier access in all situations.
- Retractable armrests can be held by the patient and caregiver for greater stability, safety and security.
- The wireless handcontrol allows the caregiver to remain close to the patient during the lifting procedure.
- Environmentally sound design in recyclable aluminium and an environmentally friendly NiMH battery.

Max. Load: 200 kg

**Available in the following models**

Golvo™ 8000 | 8008 | 8008 LowBase
Let Your Needs Decide.

The knowledge we have acquired over 30 years of product development has resulted in a unique family of lifts which complement each other. Viking is ready to solve many varying lifting needs in different care situations, and the adaptation possibilities are as comprehensive as our accessory range. Viking is available in five models, from the smallest Viking XS to the super-strong Viking XL.

Let your needs decide which Viking you choose.

The All-round Lift.

**Viking M**

Viking M is the optimal mobile lift that covers a wide range of needs and meets the toughest demands in most common lifting situations. The lift is easy to manoeuvre, even in confined spaces. Although Viking M weighs a mere 34 kg, it can lift up to 205 kg in several different types of situations.

The right assistive devices make transfers from the floor safer and easier. The smart link arm, FlexLink, provides extra flexibility.

The horizontal lift OctoStretch lifts the patient safely and securely, for example, after surgery.

Viking M is very easy to manoeuvre in confined spaces, and Liko’s broad range offers a wide selection of slings for hygiene situations.

Gait training is an important but risky procedure in all types of rehabilitation. A Viking equipped with armrests is safe and secure for both the patient and the caregiver.
For Confined Spaces.

**Viking™ XS**

Only 54 centimetres wide, Viking™ XS, the smallest member of the Viking™ family, is the market’s narrowest mobile lift and passes effortlessly through narrow doorways. Viking™ XS is a stable and reliable mobile lift that is ideal in the most common lifting situations. Viking™ XS weighs only 25 kg and lifts up to 160 kg, an impressive feat for such a small lift.

**Viking™ S**

Viking™ S is a small and versatile mobile lift that performs amazingly well for its compact size and low overall weight. Viking™ S is ideal for all lifting situations, such as transfers between bed and wheelchair, to and from the toilet and bathtub, or lifting from the floor. The lifting capacity is 160 kg and the lift itself weighs only 25 kg.

For the Most Demanding Lifts.

**Viking™ L**

In relation to its high lifting capacity, Viking™ L is incredibly easy to manoeuvre and is ideal for common lifting needs as well as heavy lifting. Thanks to its low weight, a mere 40 kg, Viking™ L is very easy to handle and can lift up to 250 kg. Equipped with intelligent electronics for features such as the wireless handcontrol.

**Viking™ XL**

Viking™ XL has been developed especially for very heavy patients but is also suitable for smaller people. Viking™ XL is also equipped with the latest in modern electronics, including a wireless handcontrol. Despite its size, this mobile lift weighs only 42 kg and can lift up to 300 kg, making Viking™ XL ideal for all heavy-lifting situations.
The Versatile Lightweight Lift.

**LikoLight™**

For those in need of a light mobile lift that folds away easily, we've developed LikoLight™. Though it works much like any other mobile lift, its added advantage is that you can take it with you when you travel or store it conveniently. In fact, LikoLight™ can be quickly disassembled into three pieces to facilitate transport and storage.

LikoLight™ is ideal for all the most common lifting situations, for example, lifts from bed to wheelchair, to and from the toilet and bathtub, or for lifting someone who has fallen to the floor.

LikoLight™ has electrical raising and lowering as well as mechanical base-width adjustment.

LikoLight™ TravelBags are practical carrier bags made of a lined, durable and soft light-weight material.

**Important Features**

- Folds away easily.
- Easily disassembled into three pieces (no part weighs more than 10 kg).
- Manufactured in aluminium for environment, quality and design.
- The choice of material also makes the lift easy to roll, stainless and easy to keep clean.
- Mechanical emergency lowering
- Stable and tip proof.
- Ideal for travel.
- Practical table charger housing is available as accessory.

Max. Load: 140 kg
Favourites for Daily Lifting Needs.

**Uno™**
The fundamental principles behind Uno’s design are well tried and tested. Liko™ has developed these concepts and equipped Uno™ with many smart functions. Thanks to its simple design and unique features, Uno™ has quickly become a favourite in residential and home-care settings. Uno™ is the ideal lift for day-to-day use. It’s easy to use and manoeuvre, enabling convenient access even in bathrooms where space is limited.

**Important Features**
- Several different adjustments allow easy adaptation to different lifting situations, for instance, height setting of the lift mast and adjustment of actuator mount.
- The smart FlexLink (an extra link arm increasing the distance to the lift mast) enables almost vertical lifting and greater flexibility when lifting from the floor.
- Simple, easy-to-use and safe mechanical emergency lowering.
- Electrical emergency lowering and raising (certain models).

Max. Load: 160 - 205 kg

Available in the following models
Uno™ 100 EM, EE | 102 EM, EE, ES | 200

**Liko™ M220/M230**
Like many other Liko™ products, the Liko™ M220 and M230 mobile lifts feature an intuitive design that makes the lift extraordinarily easy to use, even for caregivers new to lift operation.
Coupled with a wide range of available slings and accessories, these entry-level mobile lifts make the lifting experience secure and comfortable for residents and caregivers.

Max. Load: 180 kg
Always at Hand, Without Taking Valuable Floor Space.

An overhead lift system makes it possible to lift and transfer the patient with as little effort and as much safety as possible, regardless of the furniture in the room. An overhead lift is always at hand, and it is simple and safe to use. For the patient as well as the caregiver.

Our overhead lift system is extensive and consists of many components. This is necessary for solving the most varying installation needs. Charging the lift motor is easy and convenient, either through the hand control or up in the rail (see next page). The lift systems fit into all environments and fulfil the highest requirements of function, safety and availability. We always help you choose the right solution.

**Example of Application Areas**

- Treatment room
- Home-care
- Hygiene room
- Hospital/Surgery
- Intensive care units
- Room-to-Room
- Pool
- Rehabilitation/Physiotherapy

**Likorall** is one of the world’s most used overhead lift motors.
Safety and Technology on a Higher Level.

Likorall™
Every day it lifts tens of thousands of people and saves just as many backs. User-friendliness, a genuine regard for safety and a well-thought-out design have made Likorall™ highly valued among caregivers and patients alike. The combination of unique technology, reliability and easy service makes Likorall™ a very wise choice for every purchaser.

Unique Safety System
- Patented safety drum SFS. Creates extra security and ensures even and controlled lowering.
- SSP Limit Switch.
- Lift strap with a tenfold safety margin.
- Safety latches on lifting accessories.
- Mechanical emergency lowering (certain models).
- Electrical emergency lowering with battery back-up.
- Emergency stop meeting necessary requirements in accordance with EN ISO 10535 and IEC 60601-1.

Room-to-Room
Likorall™ R2R enables smooth transferring of patients between two rooms without rail connection. Please contact Liko™ for more information.

Max. Load: 200-250 kg

Available in the following models
Likorall™ 200 | 242 S, S R2R, ES, ES R2R | 243 ES | 250 ES

Moving the Lift Motor
With the special Quick-Release Hook™ Carriage, Likorall™ can easily be moved between rooms when requirements change.

In-rail Charging
Likorall™ In-rail charging enables freedom and availability. The lift unit is constantly charged along the complete rail system and is always ready for use.

Easy to Charge
Likorall™ can also be charged by placing the ergonomically designed hand control in a wall-mounted charger.

**Multirall™ 200**

In many care environments, for instance, hospitals and nursing homes, the need for lifting aids in a room is temporary, depending on the physical status of the patient in question. In this case, a portable overhead lift can be a good alternative to a mobile lift.

Multirall lifts up to 200 kg and, thanks to the Quick Release System and the Extension Arm, can quickly and simply be attached to or removed from the ceiling rail. This makes the lift very easy to transport between rooms, without tools and physical effort.

Also when there is a need to transfer a patient between two rooms without connected rail systems, Multirall is a good and cost-effective solution. Thanks to the smart solution, only one lift motor is used and the patient is transferred between the two rooms sitting in the sling.

**Important Features**

- Flexible lift which can be used in different ways.
- Easy to move, no tools needed.
- Secure, built-in safety system.
- Useful accessories: Multirall Trolley, Extension Arm, etc.
- Large handles on both sides of the motor.
- Complete rail system, including free-standing possibilities with FreeSpan™
- Can be used with Liko’s entire range of accessories.

Max. Load: 200 kg
Straight Rail or Traverse – it’s Your Choice!

**FreeSpan™**

FreeSpan™ is a flexible solution for most overhead lift situations. The lift system is free standing in the room and therefore does not have any structural requirements for walls or ceiling.

FreeSpan™ is available both as straight rail and traverse system (H system), is manufactured in aluminium and available in many different rail lengths.

FreeSpan™ Straight Rail is equipped with wheels which facilitate correct positioning for lifting and for cleaning. It also makes the lift system easy to move between different rooms. FreeSpan™ Straight Rail is installed without tools.

FreeSpan™ Traverse is a free-standing traverse system which makes it possible to lift the patient between several different lifting places in the room. FreeSpan™ UltraTwin™ is a version intended for bariatric patients; read more on next page.

**Important Features**

- Can be installed in all conceivable environments.
- Straight Rail or Traverse (H-system).
- Several lift rail lengths.
- Easily adjustable height and width.
- Manufactured from aluminium for environment, quality and design.
- The choice of material makes FreeSpan™ easy to roll, stainless and easy to keep clean.

**FreeStand™**

FreeStand™ is a price-worthy, free-standing system available in different rail widths up to 3.2 m. The system is combined with a Likorall™ motor and is manufactured in white, powder-coated steel.

Please contact Liko™ for further information.
Lifting Solutions for Bariatric Patients

Bariatric Patients Have Special Needs.

For many years we have collaborated closely with several large hospitals which specialize in the care and treatment of bariatric patients. This has made us pioneers in the industry for lift solutions specially adapted for very large patients. Merely installing lifting equipment which can handle heavy loads is not sufficient to provide good care – specially adapted lifting accessories are just as important.

Sitting, lying or walking, the patient’s needs decide.

Our ceiling-mounted UltraTwin™ system consists of two Likorall™ motors which together give a lifting capacity of up to 500 kg.

Horizontal lifts for heavy patients are available both for our mobile lifts and overhead lifts. Pictured is FlexoStretch™ with a Viking™ XL.

Liko™ LiftPants™ and MasterVest™ lifting accessories for standing and gait training are perfect aids during rehabilitation.
Lifting Solutions for Bariatric Patients.

Below, we present some of our most common lifting and transfer solutions for bariatric patients. Please contact your Liko™ specialist for an assessment of your lifting needs and help in choosing the optimal solutions. You can also read more on our website.

**Viking™ XL Mobile Lift**
The Viking™ series consists of several different mobile lifts designed for a range of application areas and maximum loads. The Viking™ L and XL have a lifting capacity of 250 kg and 300 kg, respectively, and are excellent alternatives for many overweight patients. As the lifts are made of aluminium, they are relatively easy to manoeuvre - even with heavy loads.

**Ceiling-mounted UltraTwin™**
Our ceiling-mounted UltraTwin™ system consists of two Likorall™ motors which together give a lifting capacity of up to 500 kg. The UltraTwist™ accessory offers a unique possibility to adjust the patient’s position during and after the transfer. The lifts are operated using one or two handcontrols.

**Free-standing UltraTwin™**
When the lifting need is temporary or if a permanent installation is not possible, our free-standing system FreeSpan™ is a good solution. FreeSpan™ UltraTwin™ is available both as straight rail and as traverse system to cover a larger area of the room.
Max. load: up to 500 kg.

**Likor™ UltraSling™**
UltraSling™ is our sling for sitting lifts/transfers of the heaviest patients. The sling has separate leg sections which connect to a slingbar. UltraSling™ has a max. load of 500 kg and is used together with our UltraTwin™ system, either in a permanent installation or free-standing in FreeSpan™.

**RepoSheet® Ultra**
Turning and positioning heavy patients, in order to prevent pressure ulcers, can be a difficult task in many facilities. The RepoSheet® is suitable for the very largest patients and has a max. load of 500 kg. It is to be used with the UltraTwin™ system or, for example, a Viking™ mobile lift.

**Gait Training with LiftPants™**
Getting heavy patients to stand up is a very important step in their rehabilitation, for example, after an operation. LiftPants™ gives good support to the whole body and gives the patient the confidence to take those first steps.
Max. load up to 500 kg.

**HandySheet™**
Placing a sling under a very heavy patient can be a difficult and heavy task. The HandySheet™ facilitates the operation and can also be used for shorter transfers in the bed.

**MultiStrap™**
In many care situations there is a need for lifting and holding a body part, e.g. an arm or a foot. With very heavy patients it can also be a question of lifting, for instance, the belly during the washing procedure. Together with an overhead lift, the MultiStrap™ is the perfect assistive device.
Horizontal Lifting in Hospitals.

The need for lifting patients in a completely horizontal position is greatest in hospitals. This need arises when lifting to and from operating tables or x-ray equipment, or transfers between bed and gurney.

Many severely injured patients who need to be lifted horizontally are treated on intensive-care units. Therefore, we have developed, in close cooperation with intensive-care specialists, several products which enable lifting and transfer with minimal impact on the patient’s body.

We also have products for transfer from emergency and ambulance gurneys.
**Liko® OctoStretch™**

OctoStretch™ is one of our most common horizontal lifts. It is appreciated on surgical, ICU and radiology wards, for instance, since it is quick and easy to use and takes very little space both in use and in storage. OctoStretch™ can be used with a full lift sheet (available in different sizes) or with 4-5 lift straps.

**LikoStretch 1900™**

With the LikoStretch 1900™, the lift sheet is attached to the stretcher by inserting the straps in the self-locking feature, which is closed with a light pressure. The lift sheet can be either placed on the bed before the patient lies down or be placed under a patient already lying down.

**LikoStretch™ 600 IC**

LikoStretch 600™ IC is used in the most serious cases with patients suffering burns or back injuries and who cannot be turned to the side or need to be lifted completely horizontally. Lift straps are most often used and are easily inserted under the patient with a flexible spatula, avoiding the need to turn the patient. This minimizes contact with the patient’s skin, and the patient is lifted in unchanged body position.

**Liko™ FlexoStretch™**

The high maximum load makes the Liko™ FlexoStretch™ especially appropriate for heavier patients. The width of the FlexoStretch™ can easily be adjusted to between 70 cm and 95 cm by pulling its lift arms out or in. To easily control the patient’s horizontal position, FlexoStretch™ is equipped with a Stretch Leveller as standard.

**Liko UltraStretch™**

The strongest stretcher in our assortment, UltraStretch™, has a maximum load of 400 kg but still weighs only 13.2 kg. UltraStretch™ is used together with the overhead lift system UltraTwin™, which consists of two interconnected Likorall™ motors. Therefore, the stretcher also has two fixture points which must always be used together.
Standing on Your Own.

When the patient’s standing capacity is limited, raising and standing up can be facilitated with aids. We offer several different functional solutions which not only aid raising and compensate for poor balance but also contribute to active training, which may help strengthen muscles.

In addition, the standing patient can more easily be helped to the toilet as well as other places such as a favourite armchair, wheelchair or bed.

Three Lifts in One.

**Sabina**

Sabina is an easy-to-use and versatile sit-to-stand lift intended for patients who can participate actively in the raising operation.

The raising is performed with the help of a sit-to-stand vest which lifts the patient's upper body. Several different types of sit-to-stand vests are available to meet the needs of different patients. For example, the vest can be placed under or outside the patient's arms.

With the patient in a standing position, the transfer to a wheelchair or the toilet, for instance, is accomplished easily and smoothly. The patient also gets valuable standing training in connection with the transfer.

Two different models of Sabina are available, with slightly different features:

- **Sabina 200** is the entry-level model which, just like its big sister, offers comfortable, safe and ergonomically correct raising. The position of the lower leg support can be adjusted, and both the lifting movement and the base-width adjustment are electrical.

With the exchangeable slingbar, Sabina II offers new possibilities. The wider Comfort Slingbar enables adaptation for especially pain-sensitive patients or patients paralyzed on one side.
Up on Your Own.

RollOn™

RollOn™ is a raising support for safe transfers to and from a seated position. It functions superbly as an aid for transfers to and from the toilet or between bed and chair. RollOn™ can also be a good alternative to a wheelchair in different care situations when balance isn’t what it should be, for instance, when the patient has to move the first time after an operation or after childbirth.

RollOn™ is based on the principle that the patient uses his own strength to pull himself up to a standing position. Once up, the patient is surrounded by a safe and stable support.

Important Features

- Stable and safe.
- Several adjustable settings for perfect individual adaptation.
- Width-adjustable base.
- The padded rear supports provide safety and security and are easily positioned.
- Made of aluminium, for environment, quality and economy.
- The choice of material also makes RollOn™ easy to roll, stainless and easy to keep clean.

Max. Load: 160 kg

Furthermore, Sabina™ II can be used for sitting lifts with an ordinary sling, for instance, when the patient is not quite strong enough to rise to a standing position actively.

Important Features

- A wide range of accessories for many individual adaptations.
- Adjustable height setting for different-sized patients.
- Can lift under or outside of the arms (Sabina™ II).
- Can be used for sit-to-sit lifting (Sabina™ II).
- The lower leg support and the foot rest can easily be removed, when needed.

Available in the following models

Sabina™ II EM, EE | 200

Max. Load: 160 - 200 kg

With the right sling model, Sabina™ II can also work very well when the patient needs to be lifted in a seated position.

Sabina™ II combined with Slingbar 350 and Liko™ SupportVest™.

Grasping the raising handles, the patient pulls himself up to a standing position.
Short, Simple Transfers.

Handy™
Simple aids that are always at hand. That sums up Liko's product series Handy™. The series consists of several manual aids which complete our wide range of patient lifts and accessories.

HandySheet™ and HandyTube™
HandySheet™ is an excellent aid to facilitate the application of slings, especially on extremely heavy patients, pain-sensitive patients or patients with contractures.

HandyTube™ is used for shorter transfers in the bed and is available in three different models, with different application areas.

Important Features
- Very good sliding capacity, even after repeated laundering.
- Practical handles and pockets facilitate the transfer.
- The patient's own capacity is utilized maximally.

HandyBelt™
HandyBelt™ is used for patients with reduced mobility, but who need only minimal help to perform the transfer themselves. The practically placed handles provide a better grip and enable better work posture than purely manual techniques.

Situations needing HandyBelt™ are, for instance, sit-to-stand transfers, sit-to-sit transfers and support for standing/walking.

Important Features
- Is used together with or instead of mechanical aids.
- Practically placed handles around the belt provide the best possible grip for patients and caregivers.
- The colour coding provides quick information about the size.
Every day, around the world, we enhance outcomes for our patients and their caregivers.