Specialists in Lifts and Transfers

For more than 30 years we have specialized in lifting and transferring people in a safe and careful manner. Our specialization and experience have given us a lead in knowledge, technique and methodology. Our ambition is to develop the world’s easiest, safest and most efficient aids for use in connection with lifting and transferring.

Our goal to create the best solution for our customers, in combination with the fact that we have the world’s widest and most functional range of patient lifts, slings and accessories, has made Liko a world-leading supplier represented in close to 80 countries.

We at Liko are always focused on quality and environment, and we are obviously certified in these areas. This provides security for the users of our products.

In this brochure we introduce a selection of our solutions. Please contact us so that we together can find the best solution for you.
“There are many reasons why we like our overhead lifts. First of all, of course, it is the basic function of being able to lift a patient. You quickly become spoiled when you have access to a lift. This is especially noticeable when you end up in a room without one.

My experience is that an overhead lift is always available, it sits where it is needed and it is consequently used frequently. We use our overhead lifts several times a day, every day of the year, and therefore it is important that it be easily available and simple to use. Lifting then becomes an automatic routine, and that is exactly the way we want it. It is a secure and excellent aid, making life easier for both the patient and for those of us working within healthcare.

We have seen many backs lost from trying to lift a patient manually. This is also poor economy, both for the injured person and for the employer. Our overhead lifts save our backs and give our patients a better day.”

Paula Nyberg, Physiotherapist, Bergsunds Nursing Home, Stockholm

Being lifted is the day’s high point for one of the patients at Bergsunds Nursing Home.
Overhead Lift Systems

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.

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.
Likorall
Safety and Technology on a Higher Plane

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.

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

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**Easy to Charge**
Likorall is usually charged with the hand control and a wall-mounted charger, but different alternatives are available for charging at an optional place along the rail.

**Moving the lift motor**
With the special Quick-Release Hook Carriage, Likorall can easily be moved between rooms when requirements change.

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**TECHNICAL DATA**

Max. Load: 200-250 kg (440-550 lbs.)
Lifting Speed: 5 cm/sec (2 inch/sec) without load
Lifting Interval: 180 - 200 cm (72-80 inch)
Emergency Lowering: Electrical and mechanical (certain models)
Multirall

An Overhead Lift for Varying Needs

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 (440 lbs.) 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.

**Room-to-Room**

With a room-to-room strap between the rooms, transfers can be made with just one lift motor.

**TECHNICAL DATA**

- Max. Load: 200 kg (440 lbs.)
- Lifting Speed: 6 cm/sec (2.4 inch/sec) without load
- Lifting Interval: 160 cm (64 inch)
- Weight: 8.7 kg (19.1 lbs.) incl. batteries (1.9 kg/4.1 lbs.)
- Emergency Lowering: Electrical and Mechanical
UltraTwin

A lift System for the Bariatric Patient

Lifting heavy patients requires special equipment and special techniques. With a max. load of up to 500 kg (1,100 lbs.), Liko’s UltraTwin System manages the very heavy lifting.

Thanks to UltraTwin’s two interacting lift motors, common lifting and transferring can be done, as well as placing the patient in a sitting, recumbent or lying position.

With the accessory UltraTwist, the patient can also be rotated in order, for example, to be transferred to a lifting place at right angles to the bed.

UltraTwin can be permanently installed in a room or free-standing in FreeSpan (see below).

Maximum load: 400-500 kg (880-1,100 lbs.)

UltraTwin FreeSpan

The UltraTwin System is also available in a free-standing version, in order to cover temporary lifting needs, for example, or to be able to easily move the system. The solution is called UltraTwin FreeSpan, is available in different rail lengths, and can be installed with different distances between the rails in order to meet different lifting needs. UltraTwin FreeSpan is also available in a traverse solution. Read more about FreeSpan on the next page.
FreeSpan

Straight Rail or Traverse – it’s your choice!

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 the previous 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 (126 inch). The system is combined with a Likorall motor and is manufactured in white, powder-coated steel.

Please contact Liko for further information.
Viking XS
For Narrow Environments

With its 54 cm (21.6 inch) Viking XS is one of the narrowest lifts on the market and can enter narrow door openings and other obstacles without a problem.

Viking XS is a stable and reliable mobile lift suitable for most common lifting situations, for instance to and from the toilet, between the bed and a wheelchair and for lifting to and from the floor.

The XS is made of aluminium, as are all Viking lifts, and weighs only 25 kg (55 lbs.) in spite of its max. load of 160 kg (350 lbs.).

Furthermore, aluminium is economical, environmentally friendly and easy to keep clean.
Max. Load: 160 kg (350 lbs.).

Viking S
Small but Strong

Viking S is a small and easy-to-manoeuvre mobile lift with very high performance in proportion to its neat size and low weight. Can handle most common lifting situations, including lifting from the floor.

Viking S has an electrical lifting movement and a mechanically adjustable base.
Max. Load: 160 kg (350 lbs.).
The New Generation of Mobile Lifts

The knowledge we have acquired over 30 years of product development has resulted in a unique family of lifts which belong together and complete 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.

Viking M

The Intelligent All-Round Lift

We are convinced that Viking M will become your new favourite lift!. After 30 years of market-leading product development, we know how to design the optimal mobile lift.

Armrests and a scale are available as accessories. Easy-to-manoeuvre wheels, an environmentally friendly battery with discharge protection and an intelligent wireless hand control are standard.

Viking M has the most of the best and can handle most common lifting situations: lifting from/to a bed and a chair, lifting from/to the toilet, lifting from the floor, gait training and lifting with a stretcher.

Thanks to the new Liko Diagnostic System, Viking M will itself advise when it is time for service, and you can also see how much the lift is used.

Max. Load: 205 kg (450 lbs.)

<table>
<thead>
<tr>
<th>TECHNICAL DATA</th>
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</thead>
<tbody>
<tr>
<td>Viking XS</td>
</tr>
<tr>
<td>Max. Load:</td>
</tr>
<tr>
<td>Weight:</td>
</tr>
<tr>
<td>Lifting Speed:</td>
</tr>
</tbody>
</table>

* without load
Viking L
Strong and Easy to Manoeuvre

Viking L is somewhat smaller than big brother XL and is incredibly manoeuvrable compared to its lifting capacity. Viking L is excellent for ordinary lifting needs as well as for lifting heavier patients.

Like all models in the family, Viking L is very easy to manoeuvre, thanks to the low weight and the easy-rolling wheels.
Max. Load: 250 kg (550 lbs.).

Viking XL
For The Most Demanding Lifts

Lifting heavy patients is a great responsibility. Viking XL has been developed especially for extremely heavy patients but also fits smaller people.

Viking XL can lift patients weighing up to 300 kg (660 lbs.) in a normal sling, MasterVest/Lift Pants or with FlexoStretch.

Lifting from the floor is no problem; Viking XL can also be equipped with armrests for gait training and as a good manoeuvring aid.

Thanks to its aluminium construction Viking XL weighs just 42 kg (92 lbs.) in spite of its size.

The low weight, together with the easy-rolling wheels, makes the lift light to manoeuvre even if the patient is heavy.
Max. Load: 300 kg (660 lbs.).
Uno

A Favourite For Day-to-Day Lifting Needs

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. The Uno family includes six models in different sizes and with different features.

Important Features

- Several different adjustment possibilities to easily adapt 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) provides for 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).

Available in the following models

Uno 100 EM, EE | 102 EM, EE, ES | 200

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**Una 200 is the entry-level model in the Uno family.**

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**Lifting from the floor is no problem with Uno.**

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**Uno is a favourite for many different lifting situations. In the illustration Uno 102 lifts from a wheelchair.**

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**TECHNICAL DATA**

Max. Load: 160 - 205 kg (350-450 lbs.)
Lifting Speed: 1.8 - 3.0 cm/sec (0.7 - 1.2 inch/sec) without load
  (ES has two speeds: 3.0 and 2.0 cm/s – 1.2 in/s and 0.8 in/s)
Material: Powder-Coated Steel
Weight: 39 kg (85 lbs.) (Uno 100)
  43 kg (95 lbs.) (Uno 102)
  39 kg (85 lbs.) (Uno 200)
Golvo

The Complete Mobile Lift

Sometimes it is difficult to choose between the functional advantages of the overhead lift and the flexibility of the mobile lift. With Golvo you no longer need to choose – you get both.

With its patented lifting principle, Golvo can offer unbeatable flexibility and versatility. The secret is the smart lift strap which, just as on an overhead lift, enables the lifting to be adapted exactly to the person to be lifted. The lifting height and the space inside the lift also make Golvo especially suitable for gait training, lifting with a stretcher and lifting from the floor.

As standard, Golvo is equipped with retractable armrests which can be used by the patient as well as the caregiver.

On the accessory list are many products which help to solve varying lifting needs in healthcare.

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

Important Features

• Vertical lifting motion - the easiest and most logical way of lifting a person.
• Flexible lift strap - adapts the lifting exactly to the person being lifted.
• Retractable armrests - for patient and caregiver to hold - provide for an extra sense of security.
• Parallel and equilateral base-width adjustment provides easier access in most situations.
• 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.

Available in the following models

Golvo 7000 ES | 7007 ES | 7007 ES LowBase

Golvo’s design makes it especially suitable for horizontal lifting.

The flexible lift strap adapts the lift to the patient.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Max. Load</td>
<td>200 kg (440 lbs.)</td>
</tr>
<tr>
<td>Lifting Speed</td>
<td>Two speeds, 4.8 cm/s (1.9 in/s) and 3.2 cm/s (1.25 in/s) without load</td>
</tr>
<tr>
<td>Material</td>
<td>Aluminium</td>
</tr>
<tr>
<td>Weight</td>
<td>42 kg (92 lbs.) (Golvo 7000 ES)</td>
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<tr>
<td></td>
<td>44 kg (96 lbs.) (Golvo 7007 ES)</td>
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<tr>
<td></td>
<td>46 kg (101 lbs.) (Golvo 7007 LowBase)</td>
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**LikoLight**

The Versatile Lightweight Lift

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/22 lbs).
- 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.

**TECHNICAL DATA**

| Max. Load: | 140 kg (308 lbs.) |
| Lifting Speed: | 3.8 cm/sec (1.5 in/s) without load |
| Material: | Aluminium |
| Weight: | 23 kg (50 lbs.). Disassembled, no part weighs over 10 kg (22 lbs.). |

Travelling with LikoLight is easy and smooth, thanks to LikoLight TravelBags.
Sabina
The World’s Best Sit-to-Stand Lift

Sabina is a smooth 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 done easily and smoothly. Thus, 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 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 sling bar, Sabina II opens up new possibilities. Thus, the wider Comfort Slingbar enables adapting the raising to especially pain-sensitive patients or patients paralyzed on one side. Furthermore, Sabina II can be used for sitting lifts with an ordinary sling, for instance, in periods when the patient’s strength is not quite sufficient to rise up 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

<table>
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<th>TECHNICAL DATA</th>
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<tbody>
<tr>
<td>Max. Load: 160 - 200 kg (350 - 440 lbs.)</td>
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<tr>
<td>Material: Powder-Coated Steel</td>
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<tr>
<td>Weight: 42 - 44 kg (92 - 96 lbs.)</td>
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RollOn

Up on Your Own

RollOn is a raising support for safe transfers to and from a sitting 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.

The base is readily adjusted to the desired width. The foot rest is removable, which simplifies cleaning.

The padded rear supports provide support and are easily folded into position by the caregiver.

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

HandyBelt can be a good aid when raising a patient in RollOn. Read more on page 20.

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<td>Weight:</td>
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The Sling is Half the Lift.

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

For almost thirty years we have studied lifting situations and know that, in order to be able to develop an optimal sling, you have to know the details about a patient’s function and situation on all planes, both physically and socially. Our knowledge in this field has led to Liko’s having the market’s most functional, safe and complete range of slings today. Liko has slings for every situation.

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, 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.
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 disposable sling Solo.

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 (1,100 lbs.).
Handy
Short, Simple Transfers

Simple aids which are always at hand: this is how one could summarize Liko’s new 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 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.
Lifts with care

Consideration for those for whom we develop our products has been our most important guiding star from the very beginning. Caregivers and relatives use our solutions in order to lift and transfer patients in a simple, safe and effective way. The elderly, ill and disabled persons who are lifted and transferred with the help of our products experience a secure, safe and comfortable feeling.

It is a big responsibility and a privilege to be entrusted to help these people to manage their everyday lives in an easier way, and it is with them in mind that we develop new innovative solutions for safe lifting.
For more than 30 years we have specialized in lifting and transferring people in a safe and careful manner. This has provided us with a lead in knowledge, technique and methodology which we have used to create the world’s most complete range of patient lifts, slings and accessories.

We analyze your needs and deliver the solution which fits you. Furthermore, we always offer training and continued cooperation to provide staff and patients with a safe environment for lifting and transferring.

Since 2008 we have been part of the Hill-Rom Group which offers complete solutions for different types of care operations. On our websites www.hill-rom.com and www.liko.com, you can read more about us and our offers.