

# LikoGuard™ overhead lift system

Enhancing safety for patients and residents



Enhancing outcomes for patients and their caregivers:



# Pressure on healthcare facilities is increasing worldwide

Healthcare facilities are facing additional pressure due to the increased medical needs of an ageing population and the rising prevalence of obesity. This means that the number of hospital patients and Long Term Care residents with reduced mobility who require more care is also on the increase. At the same time, safety regulations are becoming more complex. As a result, healthcare organisations need to do more with less staff.

The care challenges of patients and residents can place a huge burden on facilities from a financial perspective, as well as affecting quality and safety for patients/residents and caregivers. To address these challenges, in addition to an effective ergonomics and safety policy, the appropriate range of products is needed to prevent caregiver injuries and related costs.

Through our Liko brand, Hill-Rom has for decades become synonymous with safe patient handling with a range of products designed to reduce caregiver injury. Building on this legacy of trust, we have developed LikoGuard, an innovative new generation of overhead lifts designed to provide safety you can trust and the performance you need.



# Safety you can trust



## Designed to minimise risk of user error

The unique design of the SlingGuard incorporates active latches that minimise the risk of user error by ensuring secure attachment of the sling for safe transfers and mobilisation of patients and residents.



## A reliable approach to safe patient handling

The LikoGuard overhead lift when combined with decades of experience in Safe Patient Handling with Hill-Rom, as well as comprehensive clinical programs and expert clinical staff, delivers a complete and reliable solution to safe patient handling.



## Extensive lifetime testing

The LikoGuard has undergone extensive testing for durability and reliability, including 14,000 lift testing cycles at maximum Safe Working Load.



## Designed to increase accuracy

The LikoGuard represents the evolution of safer lifting in the next generation of overhead lifts. Features incorporated into the design and operation of the LikoGuard overhead lift ensure ease of use and reliable functionality for caregivers. The combination of extensive rigorous testing along with the intuitive, unique construction of the SlingGuard™ sling bar and updated hand controls offer a safer overhead lifting system that minimises user errors.



## Compatibility

The comprehensive Liko patient handling portfolio includes the widest range of slings on the market, providing hospitals and Long Term Care facilities with the flexibility and versatility needed to ensure Safe Patient Handling solutions are available for every stage of the mobilisation process.

The LikoGuard overhead lift system is compatible with our existing sling portfolio and selected lifting accessories.

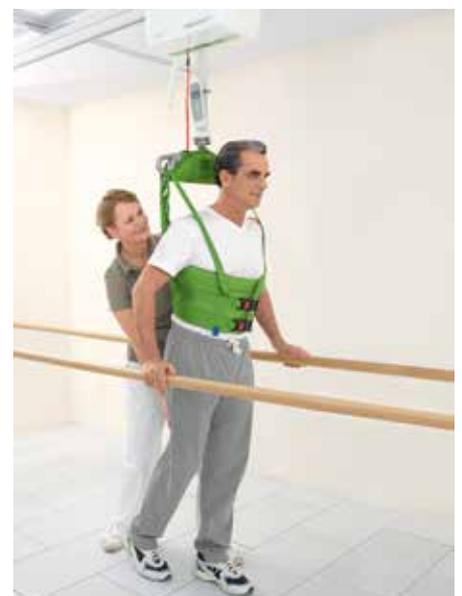


## Raising the bar on performance

Developed and manufactured in Sweden, the Liko range of lifts and patient handling systems, is globally recognised for its quality, safety, durability, and ease of use by healthcare facilities worldwide. We developed the LikoGuard overhead lift system to offer caregivers, patients and residents unparalleled safety, based on over 30 years of experience, along with valuable feedback from healthcare staff around the world.

**An innovative overhead lifting solution that combines power and high performance to meet your needs, both now and in the future:**

- **Safety in wet environments:** IPX4-rated motor and IPX7-rated hand controls enable safe operation in wet or damp environments such as recreational facilities, therapeutic pools, rehabilitation centres etc.





## Optimal features with LikoGuard

### Innovative emergency stop and lowering mechanism

The patented, manual emergency stop and lowering mechanism is easy to reach, engage and operate. When needed it is accessible from the floor and requires no tools and no force. In case of an emergency the caregiver is in full control.



### Track lift usage

The LikoGuard optional LCD (liquid crystal display) hand control with display and graphical user interface provides service and user data by tracking the number of lift cycles within a defined period of time.



### In-rail charging

The optional in-rail charging system allows for immediate and continued use of the lift system, maximising efficiency and ensuring safe patient handling.



### Lithium-ion battery

A lightweight, environmentally friendly lithium-ion battery with low self-drainage and deep discharge protection, ensures reliability and durability.

# Enhancing Bariatric Mobility



With a third of the population now considered overweight or obese, the plus-size patient population represents a growing segment of hospital patients worldwide.<sup>1</sup> Hill-Rom is committed to the concept of safe and early mobilisation for all patients and residents. The LikoGuard overhead lift, in combination with other bariatric products from Hill-Rom, offers greater options to enhance mobility for people of size.

## Safer Care for People of Size

- **Efficient asset management:** Innovative hand control tracks lift usage data and distinguishes between non-bariatric and bariatric lift cycles
- A **dual motor configuration** with either the LikoGuard L or XL offers an extended lifting capacity of 500 kg (maximum)
- The LikoGuard lift, with a **Safe Working Load (SWL) up to 272 kg (model L) and 363 kg (model XL)**, supports the transfer and movement of patients and residents of varying weights. The optimal performance and consistency of LikoGuard lift motors and high SWL contribute to safe patient handling with fewer injuries among healthcare workers

<sup>1</sup> Ng M, et. al. Global, regional, and national prevalence of overweight and obesity in children and adults during 1980–2013: a systematic analysis for the Global Burden of Disease Study 2013. The Lancet, Vol 384, No. 9945, p766-781, August 2014



## Safe Transfers and Movement™ Program

### Safe Transfers and Movement Program

An approach to Safe Patient Handling you can rely on

The LikoGuard, in combination with the legacy of safe patient handling, and comprehensive clinical programs from Hill-Rom such as Falls Prevention, Progressive Mobility™ and Safe Skin™ offer solutions that enhance outcomes for patients and residents. Expert clinical staff from Hill-Rom provide a complete solution to Safe Patient Handling you can rely on to help in achieving goals for patient mobilisation.



The tools provided by our Safe Transfers and Movement Program, enable your care facility to develop and implement a Safe Patient Handling policy with support and optional training from Hill-Rom.

For more information contact your local representative or visit: [www.liko.com](http://www.liko.com)

### A Total Room Solution™ from Hill-Rom

Hill-Rom provides a total integrated room solution to ensure safe, comfortable, and dignified care. Lift systems from Liko work together with Hill-Rom beds to assist patients/residents and caregivers with mobility challenges in hospitals and Long Term Care facilities. Furniture options allow for functional, flexible combinations to complement each hospital or resident bed, and include bedside cabinets, overbed tables, wardrobes, chests of drawers, desks, chairs, wall units and shelving.

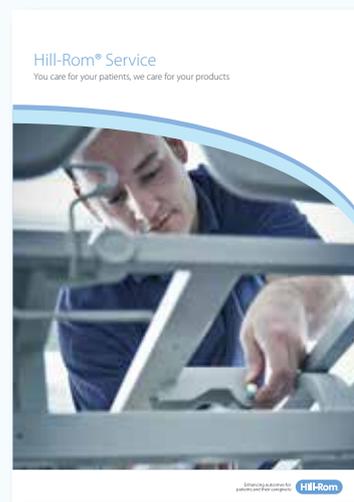


## Service

Hill-Rom Service - one supplier to meet all your needs

To optimise lifelong performance, we build serviceability into our Liko equipment beginning at the R&D stage. As your dedicated service provider we help you improve productivity and efficiency by optimising the maintenance of your equipment, minimising downtime and repair costs and facilitating compliance with local laws and Quality and Regulatory requirements.

Hill-Rom offers a variety of professional services, performed by certified service technicians, to meet all your maintenance requirements.



Hill-Rom is a leading global medical technology company with more than 7,000 employees in over 100 countries. We partner with health care providers by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: **Advancing Mobility, Wound Care and Prevention, Clinical Workflow, Surgical Safety and Efficiency, and Respiratory Health.** Hill-Rom people, programs, and product brands work towards one mission: **Every day, around the world, we enhance outcomes for our patients and their caregivers.**



Hill-Rom is committed to the concept that mobilising people early and supporting their independence, improves life - in the hospital and at home.

This document is destined solely for use by healthcare professionals. Medical devices shown in this brochure are intended for use with patients in departments of healthcare establishments.

**CE** These medical devices bear the CE mark and comply with all applicable regulations. Hill-Rom recommends you carefully read the detailed instructions for safe and proper use included in the documents accompanying the medical devices. The personnel of the healthcare establishments are responsible for the proper use and maintenance of these medical devices.

Medical beds/mattresses manufacturer:

Hill-Rom SAS, B.P. 14 - Z.I du Talhouët, 56330 Pluvigner - France (also European Representative)

Hill-Rom Industries SA, 188 Rue du Caducée, Parc EuroMédecine, 34195 Montpellier Cedex 5 - France

Völker GmbH, Wullener Feld 79, 58454 Witten - Germany

Hill-Rom Holdings, Inc., 1069 State Route 46 East, Batesville, IN 47006 - USA

Lifts manufacturer: Liko AB, Nedre vägen 100, 975 92 Luleå - Sweden

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

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Not all products/options are available in all countries.

For further information about this product or a service, please contact your local Hill-Rom representative or visit our webpage:

[www.hill-rom.com](http://www.hill-rom.com)

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patients and their caregivers:

**Hill-Rom**