

LikoGuard™ overhead lift system

Enhancing patient safety



The new LikoGuard L & XL overhead lift system will offer a selection of industry-leading features including:

A redesigned sling bar (shown above), built to enhance patient safety with a patented design unique in the marketplace

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

Two options for hand controls both offering service, overload and battery indicators. The LCD hand control offers a graphical user interface which will enable tracking of service and user data (including total lifts in a defined period of time)

A patented, manual emergency stop and lowering mechanism that is easy to reach, engage and operate with no tools, ladder or force needed

In addition, the LikoGuard L & XL overhead lift system has undergone extensive testing for flexibility, durability and reliability, including:

- 14 000 lift testing cycles at maximum Safe Working Load
- Compatibility with selected existing Liko slings, rails and accessories
- Continued working capacity during extreme temperature fluctuations
- Extensive safety margin testing on both critical and load-bearing components

LikoGuard L & XL overhead lift system



SlingGuard™ 450



Hand controls



Emergency stop mechanism



On-wall charger

Technical Specifications

Safe Working Load

LikoGuard L	272 kg
LikoGuard XL	363 kg

Lift motor weight	14 kg
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Slingbar dimensions

SlingGuard 450	45 x 18.5 cm
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Slingbar connections	fixed or quick release
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Lift motor safety class	IPX4
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Hand control safety class	IPX7
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Lifting speed	4-6 cm/sec
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Lifting interval	230 cm
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Emergency lowering	manual & electrical
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Emergency raising	electrical
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Battery	lithium-ion 25.2 V/3.8 Ah
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Battery charger	built-in battery pack
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Power source	on-wall charger or in-rail charger
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Hand controls	LED display or LCD back lit display
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Product number

LikoGuard L motor	3301030
LikoGuard XL motor	3301040

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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.



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

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Enhancing outcomes for patients and their caregivers:

Hill-Rom