

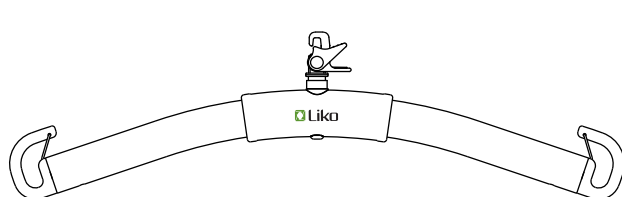
# Liko™ Universal Sling Bars



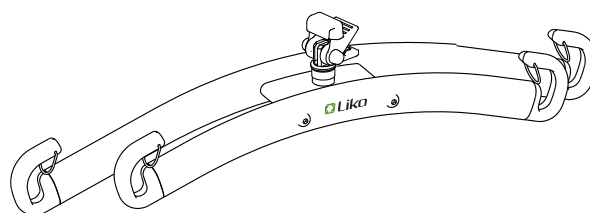
## Instructions for Use

### Applies to the following models:

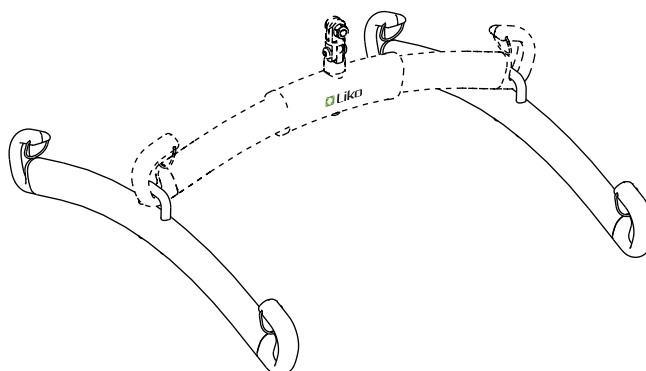
Universal SlingBar 350	Prod. No. 3156074
Universal SlingBar 450	Prod. No. 3156075
Universal SlingBar 600	Prod. No. 3156076
Universal TwinBar 670 Twin	Prod. No. 3156077
Universal SideBar 450	Prod. No. 3156079
Universal SlingBar 350 QRH	Prod. No. 3156084
Universal SlingBar 450 QRH	Prod. No. 3156085
Universal SlingBar 600 QRH	Prod. No. 3156086
Universal TwinBar 670 Twin QRH	Prod. No. 3156087
Universal SlingBar 350 R2R	Prod. No. 3156094
Universal SlingBar 450 R2R	Prod. No. 3156095



Universal SlingBar



Universal TwinBar



Universal SideBar

## Product Description

Liko's Universal sling bars are available in various models and with two assembly options, fixed assembly or with Quick-release Hook. Most of the Universal sling bars are available with the Liko's Quick-release Hook system as standard.














### IMPORTANT!

Lifting and transferring a patient always involves a certain level of risk. Read the instructions for use for both the patient lift and lifting accessories before use. It is important to completely understand the contents of the instructions for use. The equipment should only be used by trained personnel. Ensure that the lifting accessories are suitable for the lift used. Exercise care and caution during use. As a caregiver, you are always responsible for the patient's safety. You must be aware of the patient's ability to make it through the lifting situation. If something is unclear, contact the manufacturer or supplier.

## Symbol Description

These symbols can be found in this document and/or on the product.

Symbol	Description
	Warning; this situation requires extra care and attention.
	CE mark
	Legal manufacturer.
	Read instruction for use before use.
	Date of manufacturing.
	<b>Caution!</b> consult instructions for use.
	Read instructions for use before use.
	Product Identifier.
	Serial Number.
	Medical device.
	GS1 Data Matrix Barcode that may contain following information. (01) Global Trade Item Number (11) Production Date (21) Serial Number

## Safety Instructions

Different maximum loads may apply to different products on the assembled lift system: lift, sling bar, sling and any other accessories used. For the assembled lift system, the maximum load is always the lowest maximum load rating for any of the components. Study the markings on the lift and lifting accessories or contact your Hill-Rom representative in the event of questions.

Universal SlingBar can be used in combination with Liko slings that attaches to the sling bar using sling loops. Universal Sling-Bar 350/450/600 can be used in combination with Liko slings intended for two connection points on the sling bar, Universal 670 Twin in combination with Liko slings intended for four connection points on the sling bar.

For additional guidance in selecting a sling, study the instruction for use for the respective sling models. There you will also find guidance for combining Liko™ sling bars with Liko slings.

Note! Always read the instructions for use that comes with Liko's different sling models for correct and safe use of the sling.

 **Before lifting, always make sure that the sling's strap loops are correctly fastened to the sling bar hooks when the sling strap is extended, but before the patient is lifted from the underlying surface.**

 **For safety, load must be applied to all sling bar hooks on the sling bar during the lift!**

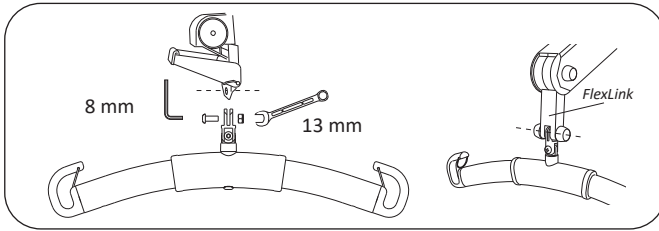
 **Incorrect attachment of sling to sling bar may cause severe injury to the patient.**

**Maximum load: 300 kg / 660 lbs.**

 Medical Device Class I Product

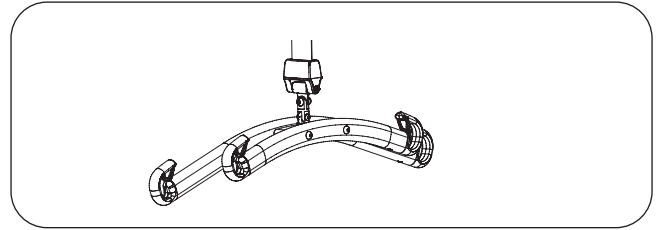
# Assembly

## Fixed assembly to lift



Likorall™ 242 S/ES overhead lift, Likorall™ 243 ES overhead lift, Golvo™ mobile lift, Uno™ 102 rev.01 mobile lift, Uno™ 200 and Viking™ mobile lift.

**Intended for the following sling bars:** Universal SlingBar 350, 450, 600 and 670 Twin (Prod. No. 3156074 - 3156077)



LikoGuard™ overhead lift

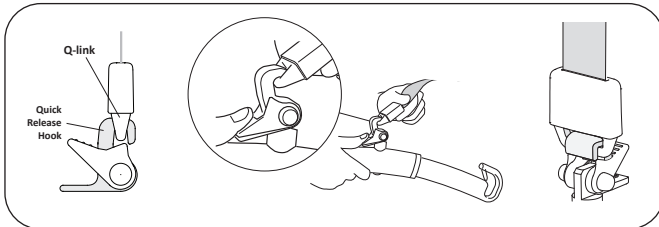
**Intended for:** Universal SlingBar 670 Twin, Prod. no. 3156077

**NOTE!** Require, Fixed kit 4, Prod. no. 3308860

Shall be assembled by personnel authorized by Hill-Rom.

## Assembly with Quick-release Hook to lift

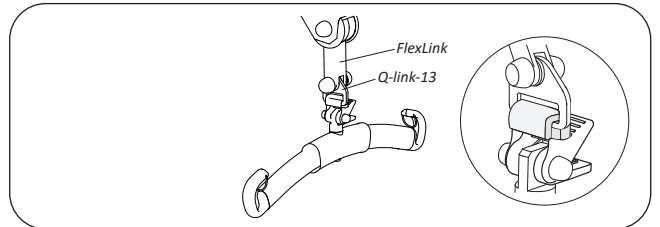
**Intended for the following sling bars:** Universal SlingBar 350 QRH, 450 QRH, 600 QRH and Twinbar 670 QRH (Prod. No. 3156084 - 3156087). Universal SlingBar 350 R2R and 450 R2R (Prod. No. 3156094 - 3156095).



**Fits:** Golvo™ mobile lift\*, Likorall™ 242 S/ES R2R overhead lift, Likorall™ 243 ES overhead lift\*, Likorall™ 250 ES overhead lift\* and Multirall™ overhead lift.

*\*if equipped with Q-link (Prod. No. 31590005).*

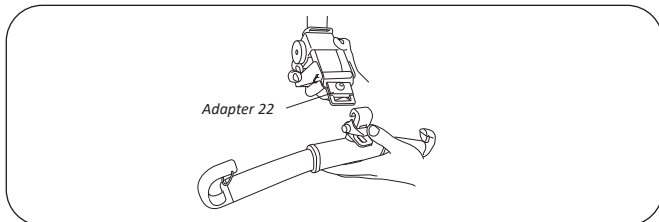
See applicable assembly instruction.



**Fits:** Uno™ 102 rev.01 mobile lift\* and Viking™ mobile lift\*

*\*if equipped with Q-link 13 (Prod. No. 3156509).*

See applicable assembly instruction.

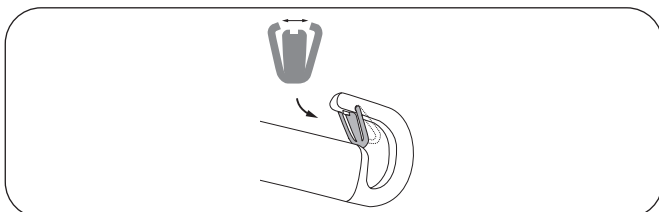


**Fits:** Likorall™ 242 S/ES overhead lift\*

*\*if equipped with Adapter 22 (Prod. No. 3156505).*

See applicable assembly instruction.

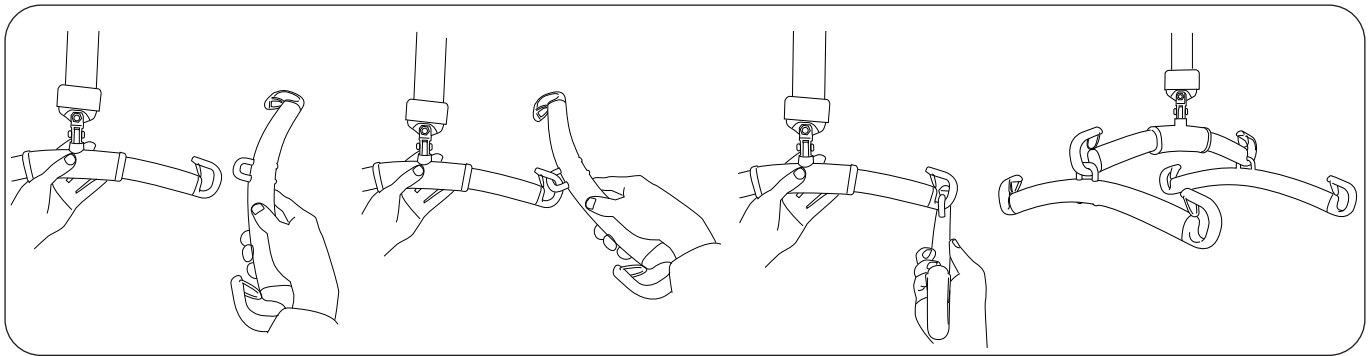
## Installation of latches



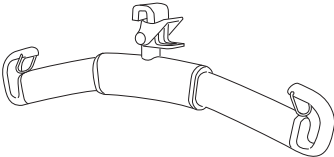
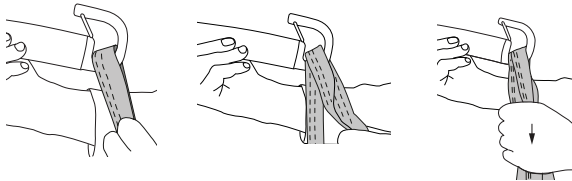

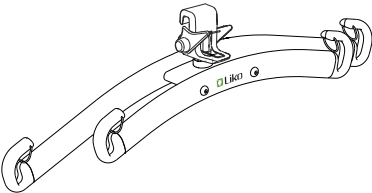
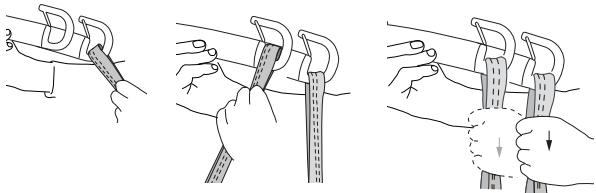
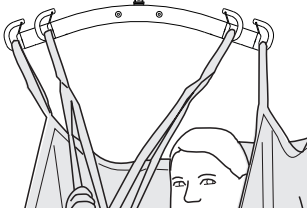
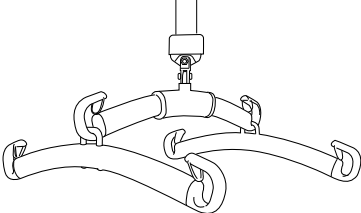
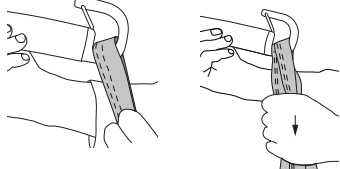
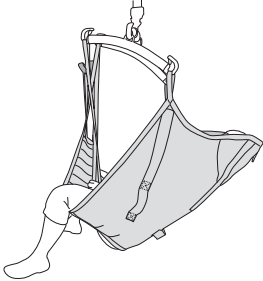
After installation, check that the latch locks and runs freely in the sling bar hook.



## Assembly of SideBar with Universal SlingBar



## How to Attach a Sling to a Universal SlingBar

Sling bar	Sling loops to sling bar hooks	Correct
 <p data-bbox="161 1025 400 1059">Universal SlingBar</p>		
 <p data-bbox="177 1473 368 1507">Universal Twin</p>		
 <p data-bbox="150 1906 384 1939">Universal SideBar</p>	 <p data-bbox="512 1906 1086 1962">Note! One sling upper strap loop and one leg support loop on each side bar.</p>	

## Care and Maintenance

For trouble-free use, certain details should be checked before each use.

- Check the screw and locking nut that attaches the sling bar.
- Check the function of latches and that the latches are intact; missing or damaged latches must always be replaced.
- When using a Quick-release Hook system, check that the Quick-release Hook is correctly fastened to the lift and the sling bar.
- Before lifting, check that the lifting accessory hangs vertically and can move freely.

When necessary, clean the product with a moist cloth. Find more detailed information regarding cleaning and disinfection of your Liko product in the chapter; *Cleaning and Disinfection* for the lift used.

**⚠ The product should not be exposed to running water.**

### Service

A periodic inspection of Universal Sling Bars should be carried out at least once a year.

**⚠ Periodic inspection, repair and maintenance may be performed only in accordance with the Liko service manual by personnel authorized by Hill-Rom and using original Liko spare parts.**

### Expected Life Time

The product has an expected life time of 10 years when correctly handled, serviced and periodically inspected in accordance with Liko's instructions.

### Recycling Instructions

The product should be recycled as scrap metal.

Hill-Rom evaluates and provides guidance to its users on the safe handling and disposal of its devices to aid in the prevention of injury, including, but not limited to: cuts, punctures of the skin, abrasions, and any required cleaning and disinfection of the medical device after use and prior to its disposal. Customers should adhere to all federal, state, regional, and/or local laws and regulations as it pertains to the safe disposal of medical devices and accessories.

If in doubt, the user of the device shall first contact Hill-Rom Technical Support for guidance on safe disposal protocols

### Product Changes

Liko's products undergo continuous development, which is why we reserve the right to make product changes without prior notice. Contact your Hill-Rom representative for advice and information about product upgrades.

### Design and Quality by Liko in Sweden


The management system for both manufacturing and development of the product is certified in accordance with ISO9001 and its equivalent for the medical device industry, ISO13485. The management system is also certified in accordance with the environmental standard ISO14001.

### Notice to Users and/or Patients in EU

Any serious incident that has occurred in relation to the device, should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.



[www.hillrom.com](http://www.hillrom.com)

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Enhancing outcomes for  
patients and their caregivers:

