

Product Description

This instruction guide is valid for Liko LiftPants and TeddyPants, but in the following text we will only use the name Liko LiftPants.


Liko LiftPants facilitate safe and secure standing- and gait training for patients with poor balance and leg function, giving them the confidence to take new steps. LiftPants enable freedom of movement, while relieving some of the burden of body weight. They lift safely, allowing the patient to move on his/her own without the risk of falling. During training, the lift is ready to take all the weight, so the patient and caregiver can devote all their attention to training without having to worry about the consequences of a wrong step.

LiftPants take most of the weight in the crotch, which may be appropriate for patients who are sensitive to pressure around the upper body or under the arms. A padded crotch relieves the pressure.

Liko LiftPants in size XS is made of a Teddy bear patterned polyester fabric and this is why this sling is called TeddyPants. LiftPants in other sizes are made of net polyester.

△ “Caution!” triangles are used to warn of situations that demand extra care and attention.

In this document, the person being lifted is referred to as the “patient” and the person helping them is referred to as the “caregiver”.

 Before using lifts and lifting accessories, read the instructions for both the sling and the lift that will be used. Instruction guides can be downloaded, free of charge, at www.liko.com.

Several sizes

LiftPants are available in a range of sizes to fit different heights and body measurements.

Choosing the right lift

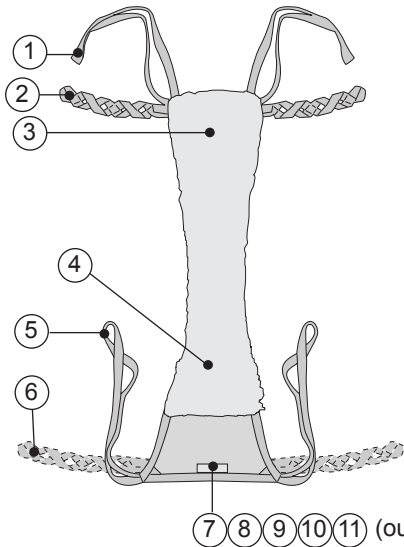
LiftPants can be used with Liko’s overhead and mobile lifts.

With an overhead lift, the patient can move freely within the entire lifting area, using a Likorall, Multirall or Liko MasterLift. LiftPants can also be used with Liko’s mobile lifts; ideally with Golvo, Uno or Viking. During training in LiftPants, it may be an advantage for some patients if some of the weight is relieved by the arms, for example via the lift’s armrests (Golvo, Viking) or with a walking support (walker, canes).

Alternatives

As an alternative to Liko LiftPants, we recommend Liko MasterVest, Mod. 60 or 64.

Liko Lift Pants



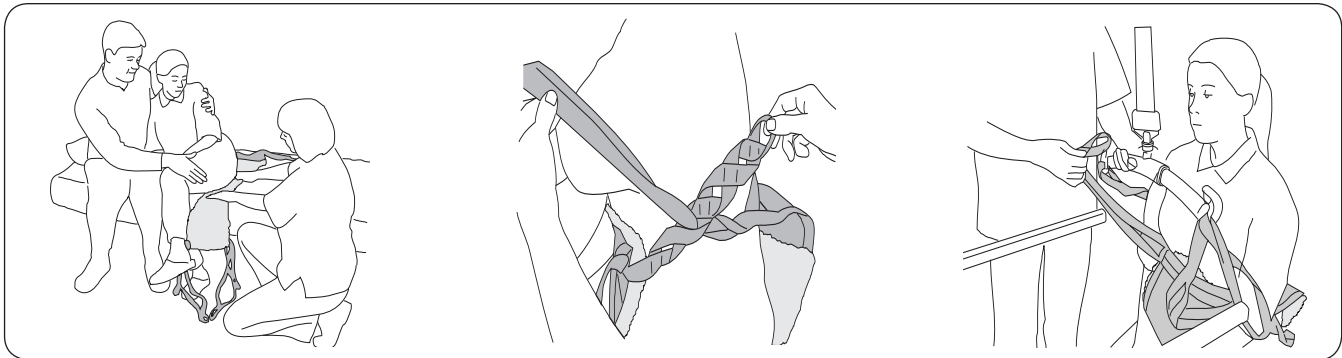
Protected by Patent

1. Front suspension strap
2. Loop strap (size XS, S, M and L)
3. Front section
4. Rear section
5. Rear suspension strap
6. Loop strap (only for size XL)
7. Size marking
8. Serial number
9. Product label
10. Label: Periodic Inspection
11. Label: Individual marking (Belongs to)

NOTE! In size XL, the loop straps are placed on the rear section, not on the front section.

⚠ Before lifting, remember the following!

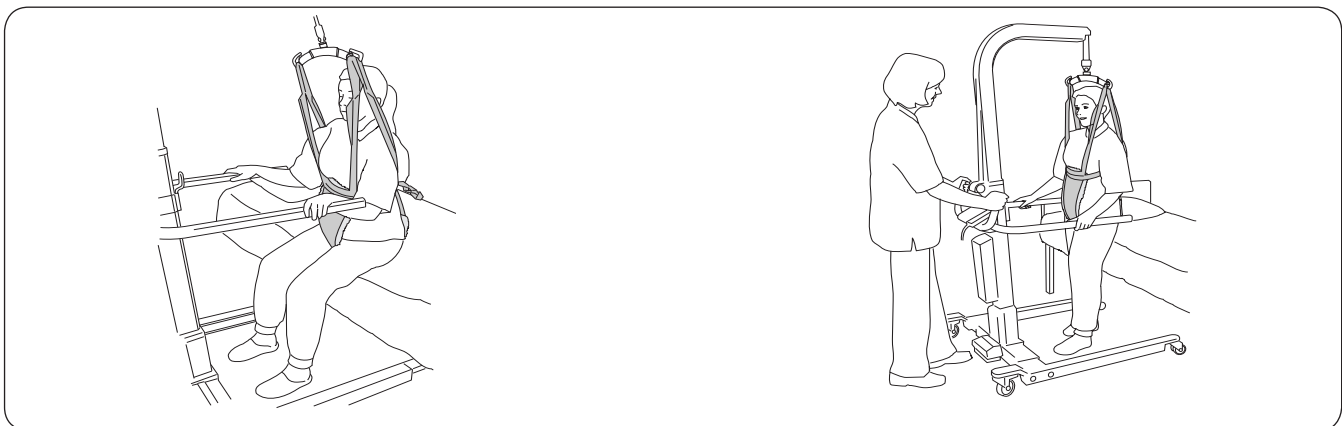
- The need for one or more caregivers must be determined from case to case.
- Plan the lift carefully to ensure that it is performed as safely and conveniently as possible.
- Before lifting, check that the lifting accessory hangs vertically and can move freely.
- Although Liko's sling bars are equipped with latches, particular care must be taken. Before the patient is lifted from the underlying surface, but after the straps have been fully extended, make sure the straps are properly hooked to the sling bar.
- Never lift a patient higher above the underlying surface than what his/her condition and capabilities permit.
- Never leave a patient unattended during a lifting situation.
- Make sure the wheels on the wheelchair, bed, gurney, etc. are locked during the lifting/transfer operation.
- Always work ergonomically.



The starting position for using LiftPants is the sitting position. The patient leans to one side to enable the caregiver to position LiftPants directly under the seat. Place LiftPants as far as possible under the patient, with the marking label face-down and towards the back of the seat.

Pull the front section of LiftPants up between the legs, so that the straps are accessible from the front. Pass the rear suspension straps through the appropriate loops on the loop straps (see page 3).

Hook the rear and front suspension straps to the sling bar. The outermost loops are the most commonly used.



Before the patient is raised from the sitting position:

Ensure that the patient's feet are placed firmly on the floor and back as close to their center of gravity as possible, so that they may bear weight during the raising procedure. Raise the lift slightly, so that tension is applied to the straps without the patient's seat rising from the underlying surface, while ensuring that strap tension on the upper body is as comfortable as possible for the patient.

During lifting: Pull the lift forward in the direction of the raising motion to enable correct and optimal weight transfer until the patient is standing fully upright and is balanced. Lift only high enough to enable the patient to be raised and still maintain sufficient contact with the floor.

Adjusting Loop Straps

The straps that support the upper body should neither be too loose nor too tight. Comfortable tension is the best.

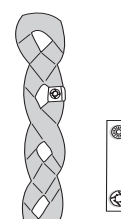


For a slender patient, suspension straps can be looped through an inner loop.

For a heavier patient, suspension straps can be looped through an outer loop.

Loop clips

This practical accessory is used to mark the loops that have been tried out for a certain person. It makes it easier for the caregivers to choose the right loop to attach to the sling bar.



Accessories

Support Springs

Springs are available as an accessory in order to enable a gentler, springy motion during gait training. They stimulate the natural pattern of movement and allow the patient to find the right walking technique.

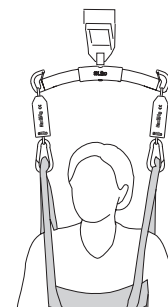
Liko's Springs for patient weights up to 70 kg (154 lbs.) are available in two lengths:

- Long 28 cm (11 inch.), Prod. No. 3156511 and
- Short 22 cm (8.7 inch.), Prod. No. 3156512

Short springs are recommended in cases where the lifting height does not permit the use of long springs.

For patient weights up to 100 kg (220 lbs.):

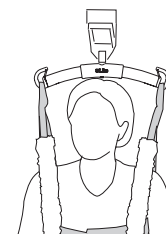
- Short 22 cm (8.7 inch.), Prod. No. 31565134



Padded cases

Padded cases are available as an accessory to help relieve pressure on the front suspension straps.

Padded cases are equipped with a velcro strip along one side for easy application.



Overview, Liko Lift Pants, Mod. 92

Product	Prod. No.	Size	Patient weight ¹	Patient height ¹	Maximum load ²	Material
TeddyPants	3592823	XS	< 30 kg (< 66 lbs.)	< 130 cm (< 51 in.)	200 kg (440 lbs.)	Teddy bear patterned polyester
LiftPants	3592324	S	20-50 kg (44-110 lbs.)	120 - 160 cm (47-63 in.)	200 kg (440 lbs.)	Net Polyester
LiftPants	3592325	M	50-85 kg (110-187 lbs.)	160 - 180 cm (63-71 in.)	200 kg (440 lbs.)	Net Polyester
LiftPants	3592326	L	70-120 kg (154-264 lbs.)	170 - 200 cm (67-79 in.)	200 kg (440 lbs.)	Net Polyester
LiftPants	3592327	XL	100- kg (220- lbs.)	170 - 210 cm (67-83 in.)	500 kg (1100 lbs.)	Net Polyester

¹ Indicated patient weights/heights are only guidelines. Deviations do occur.

² For retained maximum load, lift/accessories intended for the same load or more are required.

Choose the right size

Lift Pants should reach above waist level, but not so high that pressure is applied under the arms.

A heavy person may require a larger size than a slender person, even though both are the same height.

Care and Maintenance

Laundrying: See the sling's product label.

Expected Life Time

The product has an expected life time of 1-5 years during normal use. Expected life time varies depending on fabric, use frequency, washing procedure, and weight carried.

Periodic Inspection

The product must be inspected at least once every 6 months. More frequent inspections might be required if the product is used or washed more often than normal. See Liko's protocol Periodic Inspection for the respective product.

Combinations

Recommended combinations with Liko Lift Pants and Liko's sling bars:																
	Mini 220	Slim 350	Universal 350	Standard 450	Universal 450	Universal 600	Wide 670	Twinbar 670	Cross-bar	Cross-bar 450	Cross-bar 670	Side bars + Mini 220	Side bars + Slim 350	Univ. Side bars + Universal 350	Side bars + Standard 450	Univ. Side bars + Universal 450
TeddyPants, XS	2	1	1	1	1	3	4	4	4	2	4	4	4	2	4	2
LiftPants, S	2	1	1	1	1	3	4	4	4	1	4	4	4	2	4	2
LiftPants, M	2	1	1	1	1	3	1	1	4	1	2	4	4	2	4	2
LiftPants, L	3	2	2	1	1	2	1	1	4	1	1	4	4	4	4	2
LiftPants, XL	3	2	3	1	1	2	1	1	4	1	1	4	4	4	4	2

Code: 1 = Recommended 2 = Possible 3 = Not advisable 4 = Inappropriate

Other Combinations

Combinations of accessories/products other than those recommended by Liko can result in risks for the safety of the patient. In those cases where another manufacturer recommends Liko's accessories/products in combination with their or others' accessories/products, and the combinations are not approved by Liko, that manufacturer assumes the responsibility for that combination. Liko then refers to the responsible manufacturer's instruction guides and recommendations concerning usage, maintenance, cleaning, checking and inspection of the combination in order to fulfil the EN ISO 10535 requirements.

 Medical technical Class I product

Liko's products are constantly being updated and refined. Liko reserve the right to change aspects of the products without prior notice. Contact your local Liko representative for updated information and advice.

Important!

Lifting and transferring a patient always involves a degree of risk. Study the instruction guides for both lift systems and accessories carefully. A complete understanding of the contents of instruction guides is essential. Only trained personnel should use the equipment.

Make certain that the lift accessories are appropriate for the lift you are using and for the lifting situation. Exercise caution and care when using lift equipment and accessories.

As a caregiver, you are responsible for the patient's safety. You must be well informed of the patient's condition and ability to manage the lifting situation.

Inspect the sling regularly, especially after laundering. Check carefully for wear and damage to seams, fabric, straps and loop straps. Never use damaged accessories! When in doubt, contact the manufacturer or supplier.



A  Company

www.liko.com

Manufacturer:

Liko AB
SE-975 92 Luleå
Sweden
info@liko.se

