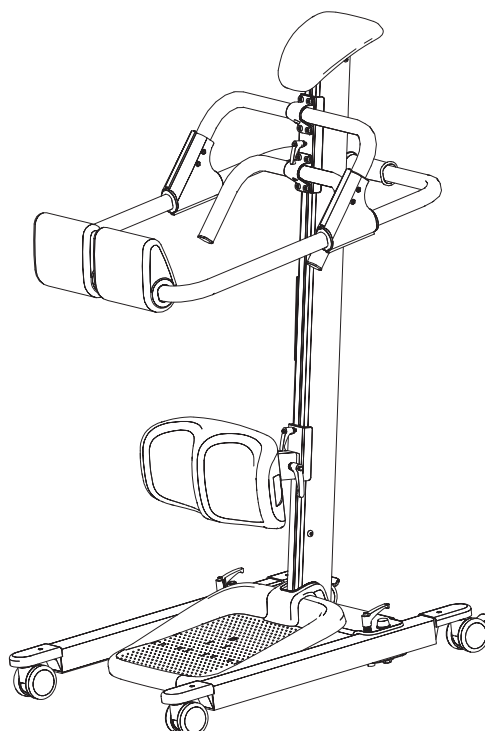


Instruction Guide

English
182241 Rev.01
2013-06-24

Applies to the following models:

RollOn Prod. No. 6001001



Product Description

RollOn support for raising is a manual assistive device developed for safe transfers to and from the sitting position. The RollOn is intended for patients who have considerable difficulty walking but have good arm strength and the necessary leg strength to support their full weight. The RollOn bridges the gap between conventional walkers and powered sit-to-stand lifts.

The RollOn is a reliable aid during raising and it facilitates transfers, for example, between bed, chair/wheelchair and toilet.

A patient who has slid forward in a chair can easily be repositioned more comfortably further back in the chair.

The RollOn is adjusted to meet the needs of the individual patient. With a correctly adjusted seat frame and lower-leg support, the patient is assured

of secure support that will enable them to stand safely and with good stability.

The raising handle facilitates several different grasping alternatives for the patient during raising. The base is easily adjusted for different wheelchairs and beds.

The torso cushion helps to support the body during dressing and undressing, e.g., in connection with visits to the toilet. **The rear supports support the patient during transfers and are not intended for the patient to sit on.**

If the patient is periodically unable to participate in a transfer with the support for raising, we recommend the use of the powered sit-to-stand lift Sabina.

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

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

IMPORTANT!

Transferring a patient always involves a degree of risk. A complete understanding of the contents of instructions is essential, and only trained personnel should use the equipment. When in doubt, contact Liko/Hill-Rom.

Contents

Safety Instructions	3
Definitions	3
Technical Specifications	4
Measurements	4
Assembly Instructions	5
Operation	7
Trial Fitting	8
Work the Right Way with RollOn	9
Transfer Between Bed and Chair/wheelchair	9
Transfer from Chair/wheelchair to Toilet	10
Repositioning Further Back in the Chair/wheelchair	11
Problems During Use	11
Inspection and Maintenance	12

△ NOTE! This instruction guide contains important information about the use of the product. All personnel who use this product must be thoroughly familiar with the contents of this instruction guide. Remember to keep the instructions where they are easily accessible for users of the product.

Safety Instructions

Before using the product, make certain that:

- you have read the instructions
- the support for raising is assembled according to the assembly instructions
- personnel using the support have received appropriate instructions and training
- the raising handle/seat frame are properly secured with the locking handle
- the proper adjustments have been made (see page 7-8)
- the patient is able to stand securely in the support before the transfer takes place.

Remember:

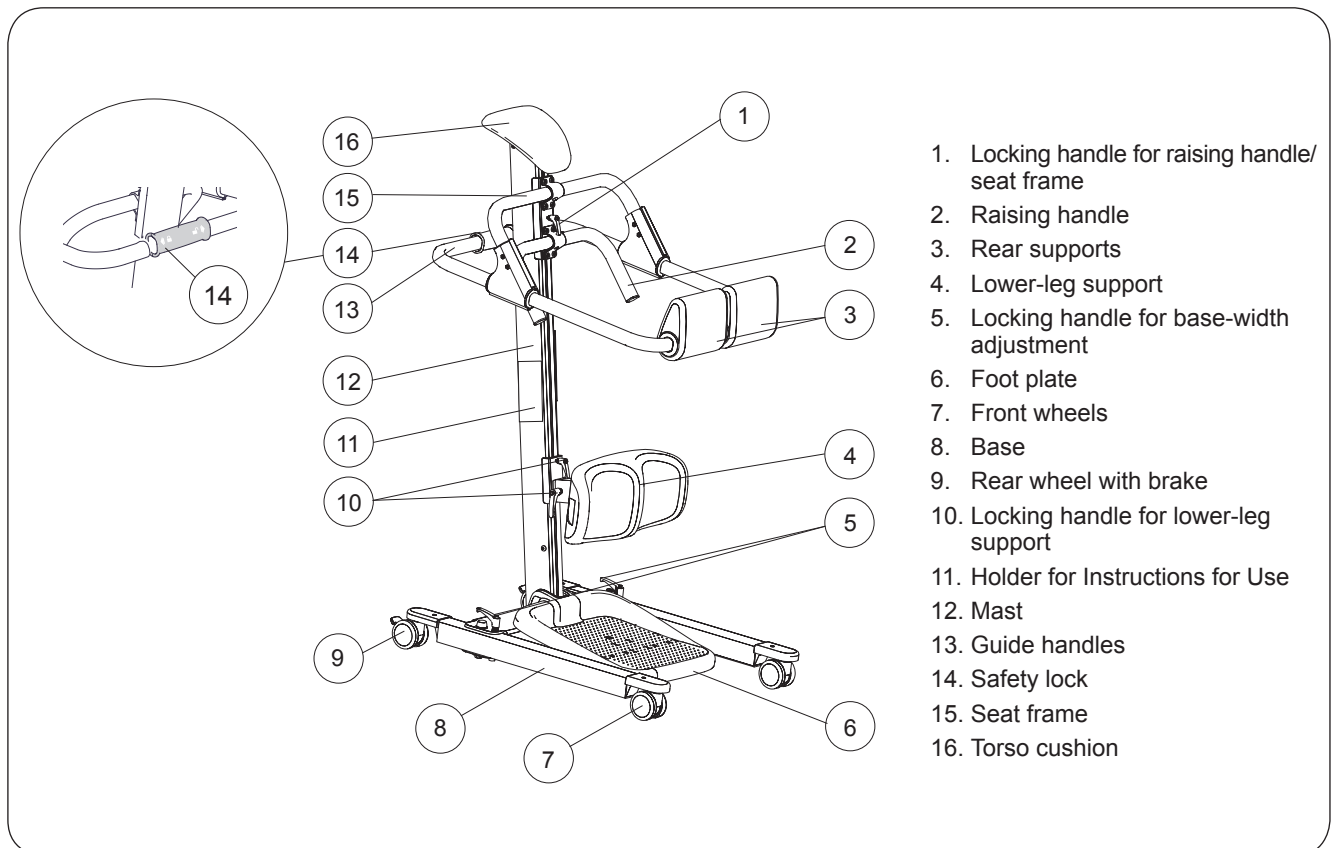
- The need for one or more caregivers must be determined from case to case.
- As a caregiver you are responsible for the patient's safety. You must be well informed of the patient's condition and ability to manage the transfer situation with RollOn.
- Never leave a patient unattended during a transfer situation!



RollOn complies with the requirements of the directive for Class 1 medical-technical products (MDD 93/42/EEC).

Max. load: 160 kg (350 lbs.)

Definitions

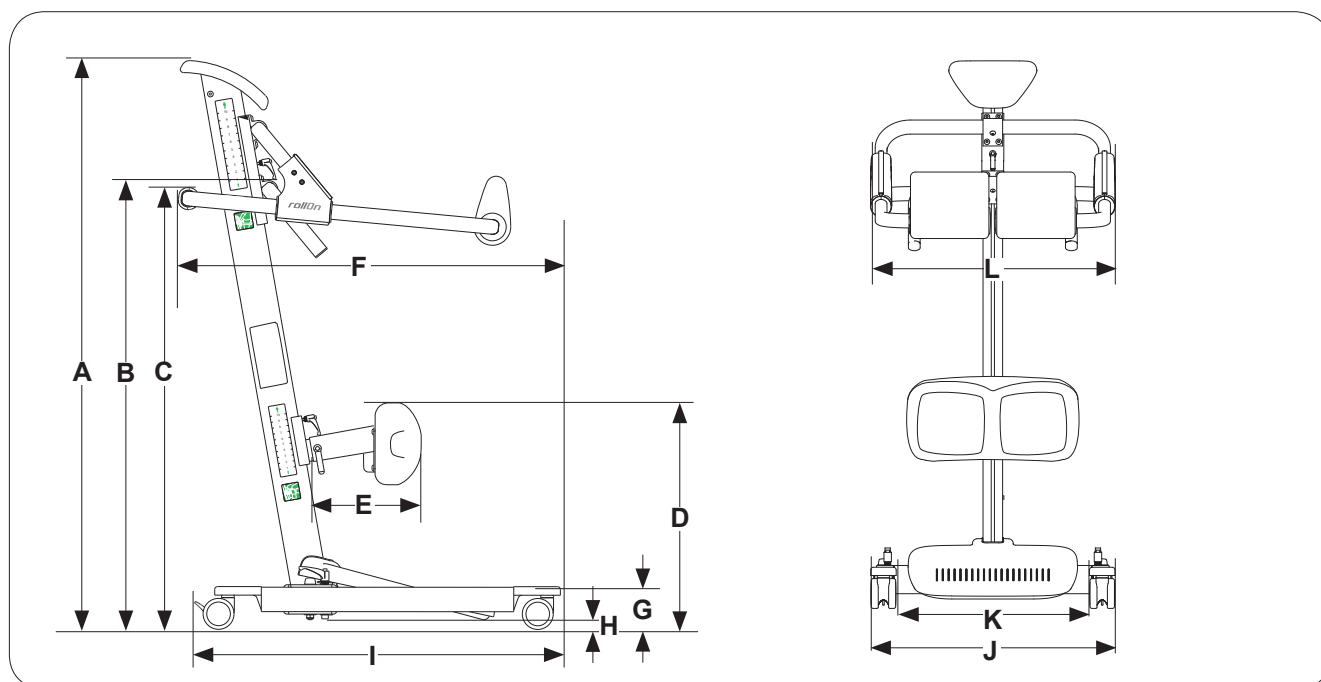


Technical Specifications

Wheels: Front: 75 mm twin wheels
Rear: 75 mm brake-equipped twin wheels

Material: Aluminium

Measurements



RollOn	Max. load	A	B*		C*		D*		E		F	G	H**	I	J		K		L	Weight total	Turning diameter
A	160	141	115	99	111	95	60	46	27	24	92	11	2,6	89	90	62	78	49	63	25	105
B	350	56	45	39	44	37	22	18	11	9	36	4	1	35	35	24	31	19	25	55	41

A: Max. load and weight in kg. Measurements in cm.

B: Max. load and weight in lbs. Measurements in inch.

* Max and min values values within the measurement scales areas.

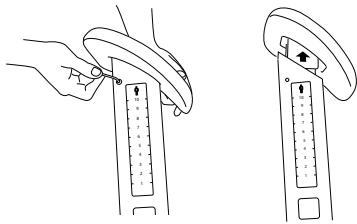
** Floor clearance without load.

Assembly Instructions

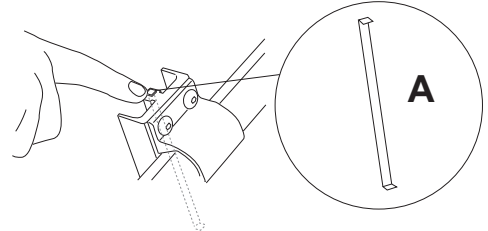
Before assembling, make sure you have the following components and tools:

- Base with frame for foot plate
- Plastic foot plate
- Mast with torso cushion
- Raising handle/seat frame with rear supports (incl. anti-friction plate)
- Lower-leg support (incl. anti-friction plate)
- Locking screws for mast (4 pcs.)
- Allen keys for locking screws (4 mm and 5 mm)
- Quick Reference Guide

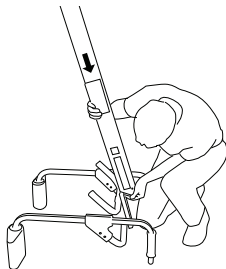
Before assembling, remove the red tape that holds the anti-friction plates for the lower-leg support and raising handle/seat frame.



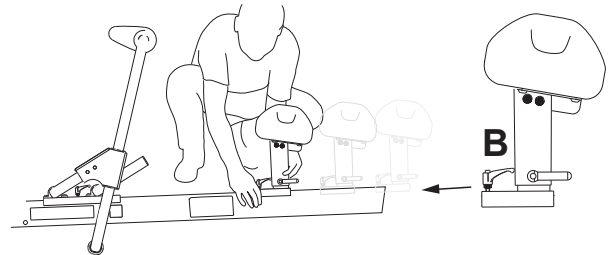
1. Dismount the locking screws (2 pcs) under the torso cushion. Remove the torso cushion.



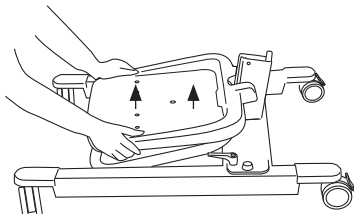
2. Ensure that an anti-friction plate (A) has been affixed to the protruding part of the raising handle/seat frame mount.



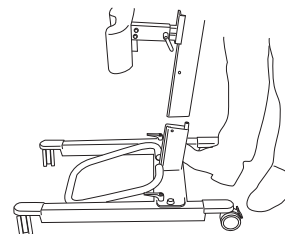
3. Lay down the raising handle/seat frame with the rear support and guide handles facing down. Turn the mast upside-down. Insert the mast in the raising handle/seat frame mount. Secure the raising handle/seat frame in place with the locking handle.



4. Lay down the mast with the raising handle/seat frame. Ensure that an anti-friction plate has been affixed to the protruding part of the mount (see (A) in step 2). Turn the mount so that the locking handle for the lower-leg support's height adjustment (B) is facing upwards (see inset illustration). Insert the lower-leg support into the front track on the mast. Secure the lower-leg support in place with the locking handle (B).



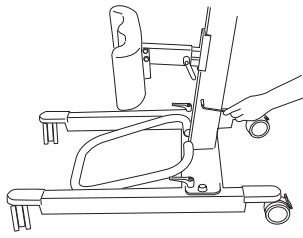
5. Lock the rear wheels on the base. Remove the plastic foot plate from the frame.



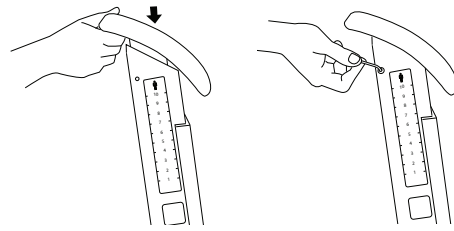
6. Place the completely assembled mast over the foot on the base. Ensure that the foot of the mast is flush against the base.

△ Make sure the wheels are locked before installing the mast on the base.

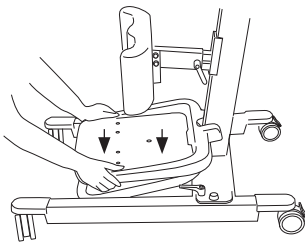




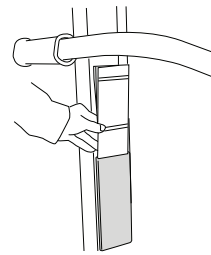
7. Secure the mast to the base with the accompanying locking screws (4 pcs) into the threaded holes on each side of the mast. Tighten the locking screws with the Allen key (included).



8. Replace the torso cushion on the mast. Secure the torso cushion with the locking screws that were removed in step 1.



9. Press the plastic foot plate back in place on the frame.

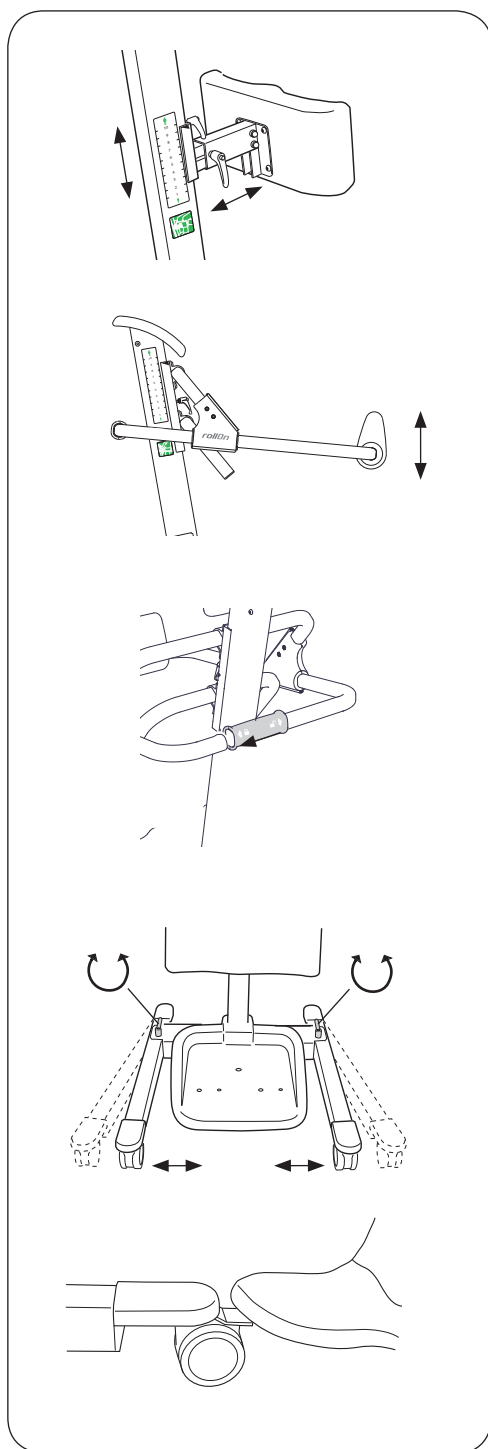


10. Place the Quick Reference Guide in the intended holder on the mast.

After assembly, check the following:

- that the mast is firmly secured to the base
- wheel brake functions
- locking handles function
- safety lock functions
- that the raising handle/seat frame and lower-leg support are set at the appropriate positions on the mast and the locking handles are tightened

Operation



Adjustment of lower-leg support

The height and depth of the lower-leg support are adjustable. Loosen the locking handles and make the appropriate adjustments. Tighten the locking handles.

Adjustment of the raising handle/seat frame

The height of the raising handle/seat frame can be adjusted. Loosen the locking handle and make the appropriate adjustment. Tighten the locking handle.

Helpful hint: The above adjustments can be aided by lifting the front edge of the support/handle/frame and pressing it in against the mast while at the same time moving it up or down.

Safety lock functions

To open the seat frame: Slide the red safety lock aside and turn the guide handles upwards. It is easier to open the seat frame if the patient, while standing in the RollOn, leans forward against the torso cushion.

To lock the seat frame: Turn the guide handles downwards. Slide the red safety lock sideways to the locked position.

△ IMPORTANT! Ensure that the safety lock is in the locked position before beginning the transfer.

Base-width adjustment

The base is widened by loosening the locking handles and manually pulling the two sides outwards. If desired, tighten the locking handles. RollOn can however be easier to use if the locking handles remain unlocked. RollOn has enough stability in all width settings.

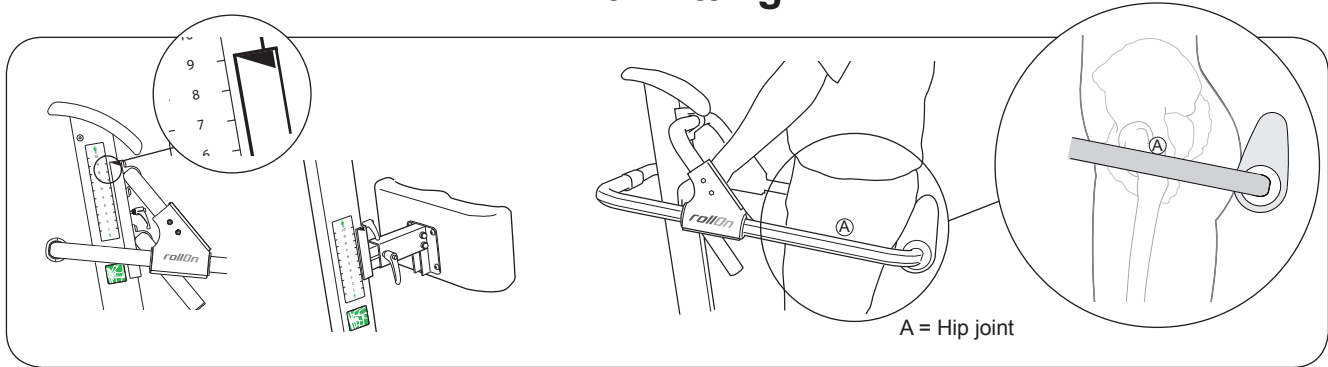
Locking the wheels

To lock the wheels: With your foot, press down the red locking pedal. The wheels are locked in all directions.

To release wheel lock: Flip the red locking pedal up.

△ During raising, the wheels should be locked to prevent the RollOn from moving.

Trial Fitting



Measurement scales

The RollOn has two different measurement scales; for the raising handle/seat frame and the lower-leg support. The measurement scales are calibrated from 1 to 10, where 1 indicates the lowest setting and 10 the highest setting.

The measurement scales are intended to be used with respect to the patient's height. The correct setting can be different for two individuals with the same height.

Guidelines for appropriate settings are as follows:

Position 1: patient height from about 140 cm (55 inch.) and taller

Position 5: patient height from about 175 cm (69 inch.) and taller

Position 10: tall patients up to about 205 cm (81 inch.)

NOTE! These guidelines are based on average values. Deviations can and do occur.

Correct individual adjustment may imply different numerical settings/positions for the raising handle/seat frame and lower-leg support, depending on the patient's individual conditions.

IMPORTANT! An individual trial fitting is necessary to achieve a correct and safe setting for each individual patient.

Helpful hint: To facilitate use of the RollOn with several patients, simply record the results of trial fitting with each patient. By referring to these notes, you can make the appropriate settings quickly and easily whenever the need to use the raising support arises.

Raising handle/seat frame

The raising handle facilitates several different grasping alternatives for the patient during raising.

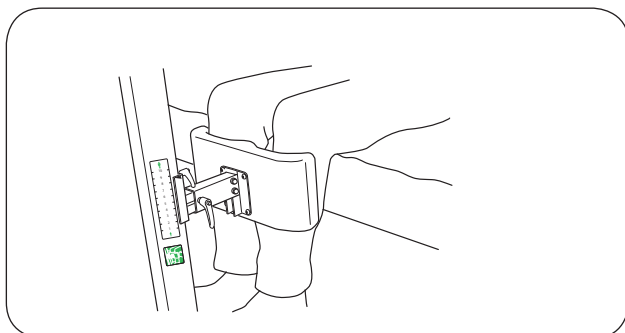
The seat frame functions as a support for the patient and the rear supports provide comfortable support for the buttocks, but the frame can also be used as a guide handle by the caregiver.

The rear supports can be raised and lowered more easily if the patient leans forward against the torso cushion.

Helpful hint: Use the seat frame as a guide to set the correct height. To prevent the patient from sitting on the rear supports and to prevent him/her from sliding down and out of the support, the frame should be set just under the patient's hip joints, see illustration above.

⚠ Caution!

- If the rear supports are too low, the patient may tend to sit on them. The rear supports are not intended to support this weight.
- If the rear supports are positioned too high, there is a risk that the patient might slide down, out of the support.



Lower-leg support

Place the patient's feet in the centre of the foot plate. The lower legs must be parallel with the lower-leg support. Adjust the height of the lower-leg support so that it provides comfortable counter pressure just beneath the patient's kneecaps. If needed, the lower-leg support can also be vertically adjusted. After adjusting, tighten the locking handles.

Work the Right Way with RollOn

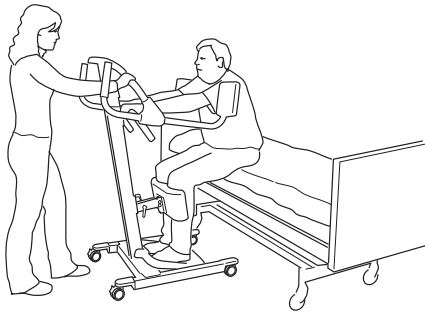
Be careful with your back! Remember to work ergonomically correct with the RollOn.

- Do not lift manually! Let the patient and the upright support do the job.
- Take it easy. Work calmly and methodically.
- Don't strain your back! Work in a walking stance with your back straight.
- Walk as you roll the support.
- Reduce the lever effect. Work close to the patient and the support.

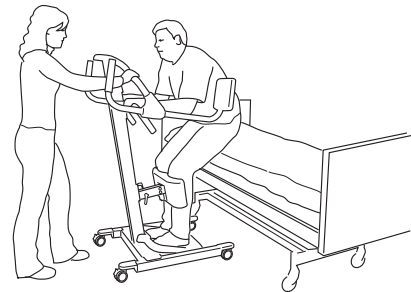
Transfer Between Bed and Chair/wheelchair

The procedure for transferring from bed to chair/wheelchair is described below. When transferring from chair/wheelchair to bed, the procedure is reversed.

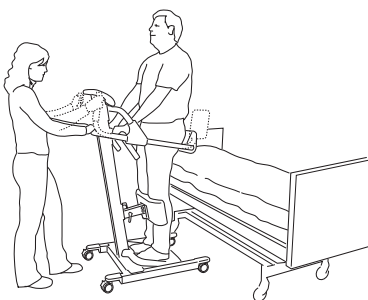
Before the transfer can begin, it is important to ensure that the lower-leg support and raising handle/seat frame are correctly adjusted according to the needs and condition of the patient. Also check that the support and handle/frame are properly secured with the locking handles.



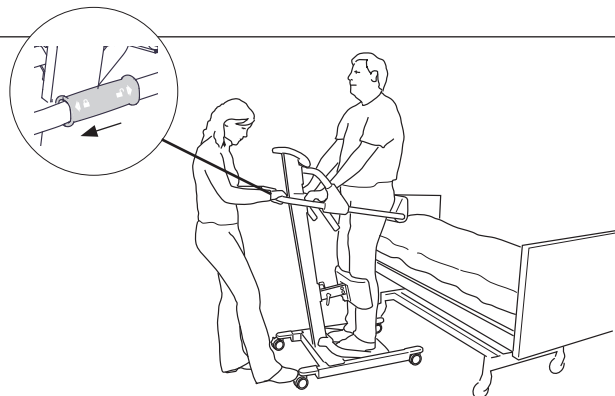
1. Place the RollOn in front of and close to the patient. Lock the wheels. Place the patient's feet in the centre of the foot plate, with the lower legs parallel to the lower-leg support. Let the patient grasp the raising handle. It is easier to raise oneself from a higher sitting position. Therefore, if the bed can be raised, use this function in order to facilitate the raising procedure for the patient.



2. Let the patient lean forward at the same time as he/she raises himself/herself to a standing position using the arm and leg muscles. Assist by holding the seat frame to stabilize the position of the RollOn.



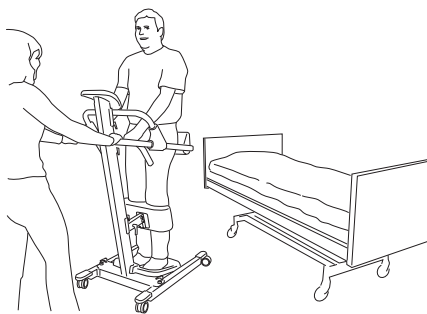
3. Once the patient is standing, turn down the guide handles to allow the rear supports to be placed behind the patient. This is easier if the patient leans forward against the torso cushion. Secure the seat frame with the safety lock.



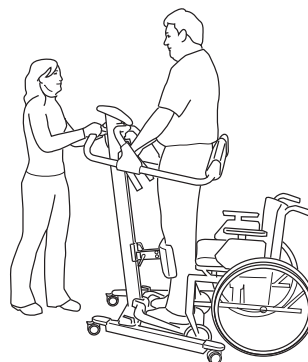
4. Check that the settings for the seat frame are correct. Unlock the wheels.

△ Important! Ensure that the safety lock is in the locked position before beginning the transfer.

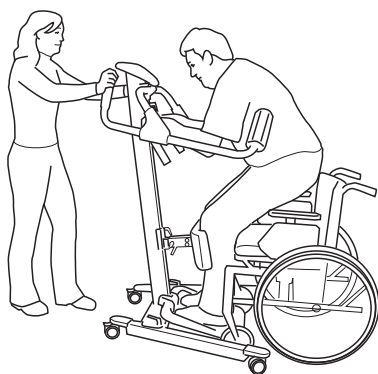




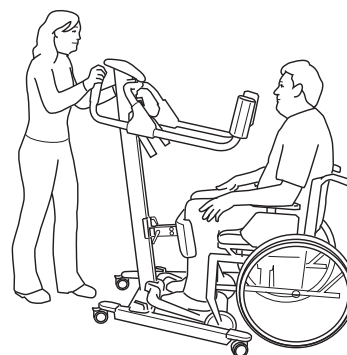
5. Ensure that the patient is standing securely in the RollOn. Transfer the patient to the desired location.



6. Place the RollOn in front of the chair/wheelchair. It may sometimes be necessary to widen the base in order to gain better access to where the patient will be sitting; e.g., to get around a wide chair/wheelchair. Lock the wheels. Move the safety lock aside and turn the seat frame up. This is easier if the patient leans forward against the torso cushion.



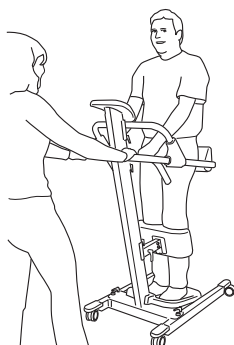
7. Let the patient grasp the raising handle and lean forward at the same time as he/she sits down.



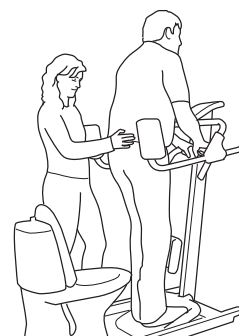
8. Unlock the wheels. Remove the patient's feet from the foot plate and roll the RollOn out of the way.

Transfer from Chair/wheelchair to Toilet

In some cases, for transfers to and from the toilet, the assistance of a second caregiver may be reassuring. In such cases, it is best if one caregiver stands in front of the patient and stabilizes the RollOn by holding the guide handles while the other caregiver assists with dressing and undressing.



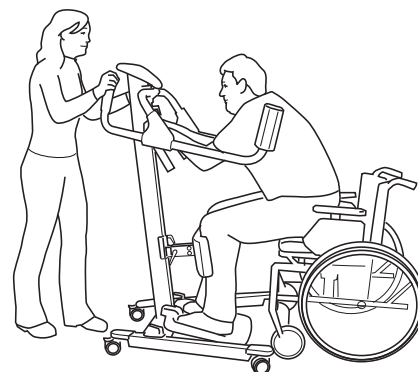
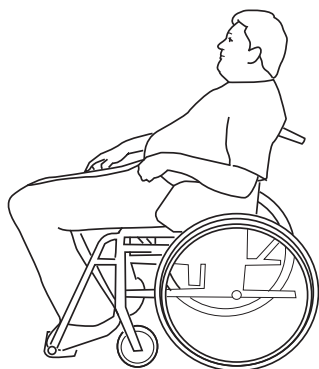
1. Raising and transfer are performed as described earlier in points 1 through 6. Ensure that the patient is standing securely in the RollOn before starting the transfer.



2. Place the RollOn in front of the toilet. If necessary, widen the base to enable the patient to get as close as possible to the toilet. Lock the wheels. Turn the seat frame up; this gives plenty of space to assist the patient with clothing. If necessary, the patient can support himself/herself against the torso cushion.

Repositioning Further Back in the Chair/wheelchair

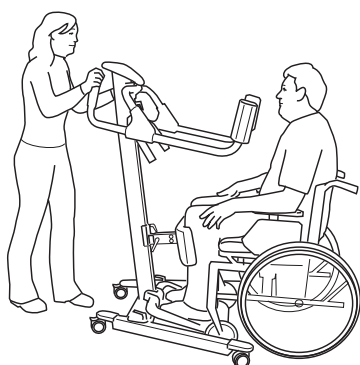
Repositioning the patient further back in the chair/wheelchair is easier if the wheels on the RollOn are not locked, since the patient can be positioned further back in the chair when he/she is standing in the RollOn.



1. The RollOn is ideal for repositioning a patient who has slipped too far down in the chair to a more comfortable position further back.

△ Make sure that the wheels on the wheelchair are locked!

2. Place the RollOn in front of the chair. If necessary, the base can be widened. Place the patient's feet in the centre of the foot plate. Let the patient grasp the raising handle and pull himself/herself up free of the chair or to a standing position. Move the RollOn, with the patient, as close to the seat as possible. The patient can now sit comfortably further back in the chair.



3. When the patient is sitting comfortably in the chair, remove his/her feet from the foot plate and roll the RollOn out of the way.

Problems During Use

If the patient does not achieve a sufficiently upright position, the rear supports cannot be lowered. The patient's physical status (e.g., generally weak musculature, low tonus and/or contractures in the knees and hip joints) may prevent him/her from achieving a sufficiently upright position, which means that the rear supports cannot be lowered behind the patient.

In such cases, the RollOn should not be used. Instead, we recommend the use of a lift from Liko's product range; the first choice being the sit-to-stand lift Sabina, which can be used for lifting to the standing position and transfers to chair/wheelchair or toilet.

Inspection and Maintenance

Care and Maintenance

To ensure trouble-free operation, certain components should be checked each day the RollOn is used:

- Check the RollOn for any signs of external damage
- Check raising handle/seat frame and lower-leg support function
- Check safety lock function

When necessary, clean RollOn with a moist cloth and check that the wheels are free from dirt. Find more detailed information regarding cleaning and disinfection of your Liko/Hill-Rom product in the document *Care and Maintenance* at our website: www.liko.com.

△ RollOn should not be exposed to running water.

Service

A periodic inspection of RollOn should be carried out at least once per year.

△ Periodic inspection, repair and maintenance should be performed only in accordance with the Liko Service Manual, and by personnel authorized by Liko/ Hill-Rom and using original Liko spare parts.

Service Agreement

Liko/ Hill-Rom offers the opportunity to enter into service contracts for the maintenance and regular inspection of your Liko/ Hill-Rom product.

Expected Life Time

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

Transport and Storage

During transport, or if the lift is not going to be used for a long time, the emergency stops should be engaged. The environment in which the lift is transported and stored should have a temperature of 10–40°C (50–104 °F) and a relative humidity of 30–75%. The air pressure should be 700–1060 hPa.

Recycling

For instructions on how to recycle your Liko product, please visit our website: www.liko.com.

Product Changes

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

Design and Quality by Liko in Sweden

Hill-Rom's Management system are certified in accordance with ISO 9001 and its equivalent for the medical device industry, ISO 13485. Hill-Rom's Management system is also certified in accordance with environmental standard ISO 14001.



A  Company

www.liko.com

Manufacturer:

Liko AB
Nedre vägen 100
SE-975 92 Luleå
Sweden
info@liko.se