

User manual

Stand up, stand and transfer aid

VITA-LIFT

Dear Customer!

We would like to thank you for your trust extended to us and for purchasing the Vita-Lift stand aid.

The stand up and transfer aid Vita-Lift distinguishes itself by its quality, security, easy operation and modern design.

For optimal use of this aid, we ask you and possible other users to carefully read this operating manual.



Please read through these instructions carefully before first use and handle equipment appropriately!

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3 Safety instructions

The stand up and transfer aid Vita-Lift is CE-marked and fulfils the requirements of the latest directives. It was developed in line with most recent findings. Production is subject to an on-going quality control.

Please read this user manual carefully before operating the stand up and transfer aid.

In case of loss, request a new copy or download directly from our download area on our homepage www.ato-form.com.

Please keep the user manual in a safe place, accessible to care and maintenance staff.

The user manual does not replace the experience of supervisory staff with the experience and knowledge of operators, which they gained from (for example) training courses.


In the event of specific or difficult applications, the user manual represents a guide to the most important handling.

Ensure all users of this aid understand its handling and the meaning of the symbols attached to the device.

Accidents can be prevented when technical instructions according to the EWG guidelines are followed.

Protective coverings, labels and warning notices may not be removed.

The maximum load-bearing capacity of the Vita-Lift is depending to the model 150 kg or 165 kg.

 **Regular monitoring at your specialist dealer (at least once a year) lengthens the life time of the Stand up and transfer aid and gives you security.**
Please also see section: maintenance and overhaul.

3 Safety instructions

- Before mounting or using the stand up and transfer aid Vita-Lift carefully read all instructions of this user manual, as these have been drawn up for your safety and as a guideline for the correct use and maintenance of this product. This operating manual is an indispensable component of the delivery and should be stored carefully for further use.
- The operating manual is intended for retailers and users of the stand up and transfer aid Vita-Lift, (or their carers). It contains the required information to secure the correct use of the product, it cannot, however replace the necessary experience of the user or assistant in handling the device.
- The reseller has the duty to deliver the device ready for operation and to explain precisely the functions and technical data of the device, as well as provide the necessary support and briefing needed for a correct and efficient use of the device.
- The given instructions of the operating manual, refers to the point in time of the device being placed on the market. The manufacturer reserves the right to introduce any modifications which prove necessary to the device and associated operating manual, without being bound to change previous devices and associated operating manuals.
- Use of the rehabilitation aid and its accessories, must be administered under medical supervision.
- The stand up and transfer aid Vita-Lift must only be operated under supervision of a qualified person, or respectively a family member of the user.
- Never leave the user of the aid unattended.
- The Vita-Lift may only be operated by persons who have familiarized themselves with the standards and rules of the present operating manual.
- The Vita-Lift may only be used by persons of a suitable stature and physical aptitude.
- Never place a patient in an aid, which is not coordinated with his or hers body height and weight.
- Adjust settings only in the unloaded condition.
- Do not place any hot beverages or objects onto the aid you have purchased, as this would seriously damage the aid.
- Do not load any heavy objects onto the aid, as this would impair the structure, the centre of gravity and consequently impair the balance.
- Always ensure there are no obstacles in operating range of the rehab aid, such as carpets, stairs or objects on the floor, which could lead to the stand up and transfer aid Vita-Lift overturning.
- Move all objects out of the way, which could be hit or fall whilst operating the aid.
- Never use the aid on rough terrain, steeply sloping ground or stairs.
- Do not use the rehab aid before ensuring a complete and correct fitting of the safety belts, if available.

- Check all adjustable parts are locked, before every use of the aid.
 - The brakes must always be locked during patient transfer.
 - Always lock brakes before use, when setting, adjusting functions or accessories.
 - Please note the individual and overall safety relevant information when using several rehabilitation aids simultaneously.
 - All aspects of spatial influences (uneven, wet and smooth floors, steps or similar) must be taken into consideration by the carer or user.
 - Do not use the Vita-Lift before checking the wheels of the aid.
 - Wet and dirtied wheels can decrease the braking effect.
 - Check regularly if all screws and handles etc. are firmly tightened. Worn and defect parts are to be repaired or replaced immediately. This is especially important to ensure a safe use of the rehab aid! Carefully check the clamping jigs and the like are securely fixed.
 - Do not use the aid, if parts of it are damaged or missing. Missing parts are only to be replaced with original spare parts.
 - Do not carry out any interferences or measurements if you are unsure of their effects; for your own safety contact the nearest service centre or contact the dealer directly.
 - In case of accidents or malfunctions, contact the dealer or manufacturer from whom you purchased the device.
 - The manufacturer is not liable for damage to persons, objects or animals resulting from false usage of the equipment by the user or third parties, through incorrect mounting of parts and accessories, by neglect or poor maintenance, neglect, through unauthorized alterations and modifications, usage of non-original spare parts or accessories, through unpredictable and exceptional events resulting from non-compliance of the regulations in the presented operating manual.
 - Clean the stand up and transfer aid Vita-Lift in accordance with the instructions given in the chapter „cleaning“.
 - Please ensure before use the product is cleaned according to the cleaning instructions and if indicated also disinfected.
 - The Vita-Lift must not be used under running water, such as a shower, and must not be sprayed with water. Penetrating moisture can damage the electronics.
 - **Make sure that the battery is charged regularly. Complete or total discharge of the battery will destroy the battery cells.**
 - Any serious incidents occurring in connection with the product must be reported to the manufacturer (ATO FORM GmbH) and the competent authority of the country in which the user is resident.
- The Vita-Lift is equipped with automatic shut-off and an emergency-stop switch.

We constantly develop new aids and improve existing products. We are happy to receive your suggestions of every description.

4 Warranty and product liability

ATO FORM grants the required by law warranty of your country against defects in workmanship and materials.

The warranty would be adversely affected if the customer's responsibility of servicing and/or daily maintenance is not carried out according to the guidelines and intervals prescribed by the supplier and/ or stated in the manual.

For further information, we refer to the ATO FORM homepage/download www.ato-form.com.

The warranty can only be sustained if the ATO FORM product is in use in the same country where it was purchased and if the product can be identified by the serial number. The warranty does not cover accidental damage, including damage caused by misuse or neglect.

The manufacturer's obligations transfer then to the person carrying out the modifications.

The warranty does not extend to non-durable parts, which are subject to normal wear and tear and need periodic replacement.

The warranty is null and void if non-original ATO FORM parts/accessories are used, or if the product is repaired or altered by anyone other than an authorized ATO FORM representative or by trained personnel officially recognized by ATO FORM for repair and maintenance of ATO FORM products.

ATO FORM reserves the right to inspect the product being claimed for and the relevant documentation before agreeing to the warranty claim and to decide upon whether to replace or repair the defective product. It is the customer's responsibility to return the item being claimed for under warranty to the address of purchase.

The warranty is given by ATO FORM or, subsequently, an ATO FORM dealer.

5 CE-sign and position

The CE label with details of the manufacturer, article number, serial number and production date is located on the right side of the frame.



6 Indications and prophylaxis

Minimal mobility left e. g.:

- Paralysis of lower extremities
- Muscular diseases
- And others

Contraindications

- Limb loss of the lower extremities
- Open wounds (at the belt points)

! The list of contraindications does not grant guarantee completeness. The patient's general condition is an important part of the risk assessment. In individual cases, the decision must be made by the attending physician, who must weigh the risks versus the expected benefits.

7 Purpose of use

The Vita-Lift is a standing and transfer aid for home care, acute care and residential care. Due to its manoeuvrability and ease of use, it can be operated by one person.

The Vita-Lift is also suitable for domestic wet areas such as the toilet and bathroom. The Vita-Lift is not suitable for use under running water such as in a shower.

It has become an indispensable aid for patients in transfer, standing and walking.

The Vita-Lift may be used to assist individuals from sitting to standing, transporting and walking. All of the above should only be done following a risk assessment of the person being moved to assess their ability and safety using the equipment.

The Vita-Lift may only be used for the applications described above. For all other applications and any resulting damages in connection therewith, the manufacturer accepts no liability.

You also have the opportunity to use the extensive system accessories available from the ATO FORM range of products.

The device must be prescribed by a medical specialist, who has tested beforehand and determined if the Vita-Lift is suitable for the individual therapeutic goal of the patient. Furthermore, the medical specialist has determined the aid to be suitable according to measurements, weight and willingness of the patient to use the aid.

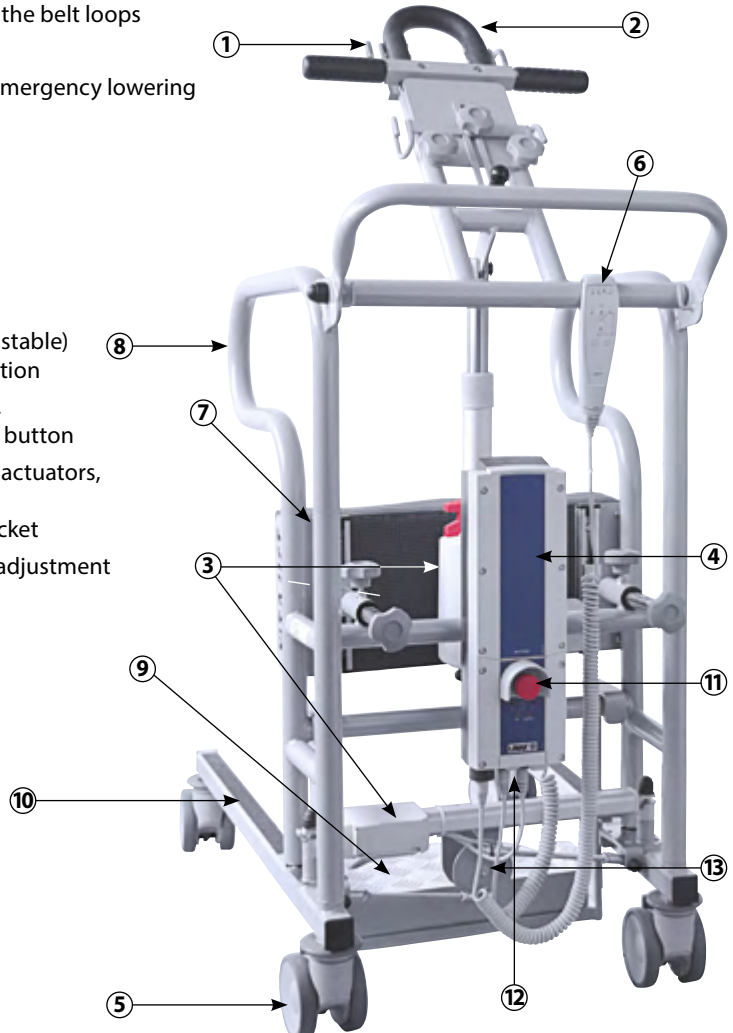
The aid is delivered via an authorised technician in compliance with the requirements of the country where it is being used and in strict accordance with the information and instructions in this manual for adjustments of the aid according to the measurements of the user. Only compliance of the regulations and instructions can lead to positive ergonomically effects.

We wish you every success when using the stand up and transfer aid Vita-Lift.

8 Product overview

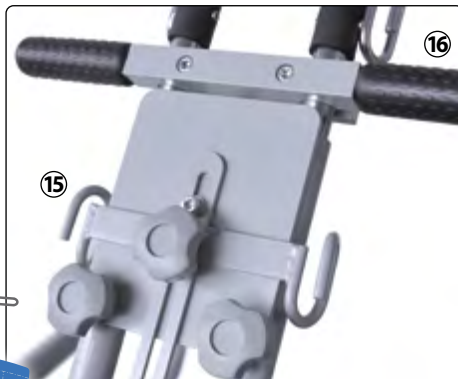
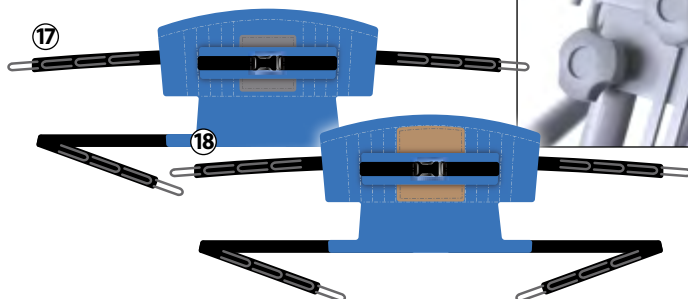
8.1 Basic model

- 1 Hooks to secure the belt loops
- 2 Lifting arm
- 3 Actuators with emergency lowering
- 4 Battery box
- 5 Braked wheels
- 6 hand control
- 7 Knee pad unit
- 8 Frame
- 9 Footplate
- 10 Legs (width adjustable) with step protection
- 11 Control unit incl. Emergency stop button
- 12 Connections for actuators, hand control and charging socket
- 13 Electrical width adjustment

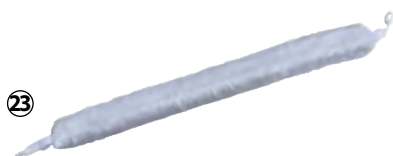
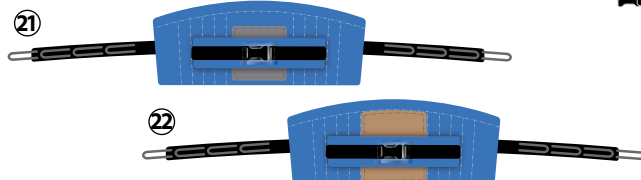
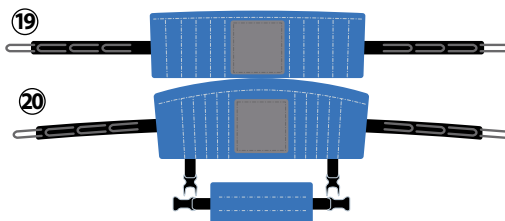


8.2 Accessories / options

- 15 Cross-plate
- 16 Handles
- 17 Cross-plate belt
- 18 Cross-plate belt incl. suede inside cover



- 19 Standard belt
- 20 Standard seat belt
- 21 Standard belt incl. abdominal belt
- 22 Standard belt incl. abdominal belt and suede inside cover
- 23 Coat role



For a complete overview of our extensive range of accessories for the Vita-Lift see item **11.2 Types and accessories** on page 23.

9 Initial operation

The reseller is to unpack the unit, ensure that the components and accessories listed in the scope of delivery are all present and undamaged, and give the buyer the initial instructions on use of the aid. Above all the reseller should read through the complete present user manual carefully, in order to then explain it to the customer in detail.

This way, with help of the reseller, the user as well as the attendant must become familiar with the correct operation of the aid.

Once the demonstration has been completed, the reseller must ensure the user and/

or the assistant have fully understood the basic functions of the equipment. This is the only way to prevent the user from dangerous situations.

The above mentioned requirements must be observed for first use and also for reuse.

The seller must give instruction for use, as well as explain the basic functions of the device according to MPG (medical products law) to qualified staff.

10 Assembly and adjustment

10.1 Basic model

Preparation:

The Stand aid has been delivered to you as a complete hoist unit, so no assembly is required.

Unpack the product and remove the packing materials. Ensure that all supplied components are present and undamaged.

Please check before using, that all plug connections are plugged in correctly and secured.

All sockets are located on the underside of the control unit case (Image 1 – ①).

Before using the VITA LIFT please note

following: The battery (Image 1 – ②) must be loaded before the first use. For loading insert the plug in the power cord, ensure that the Emergency stop is in the out position and allow the battery to recharge for 2 hours prior to use. Use only the originally supplied power cord.

If the control unit is connected to the power plug on power grid, the two LED displays (ON/Charge) flash on. As soon as full capacity is reached, the orange LED display „Charge“ goes out.

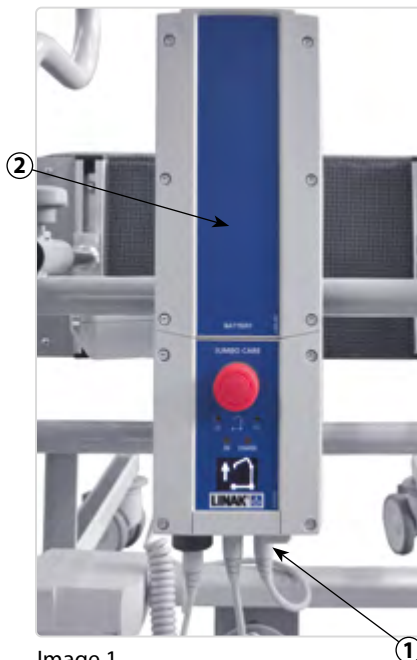


Image 1

! The operation of the Vita-Lift is not available while loading! Therefore we recommend to charge the battery after using every day.

Operation of the electrical parts

Check the emergency stop button (red button) located on the control box is in the on position (out position).

If the button is pressed in, then hold and rotate the red button clockwise and the button will pop out and the unit will function.



Image 2

Fit the battery pack to the control box making sure it clicks into the position in the top of the bracket, as shown.

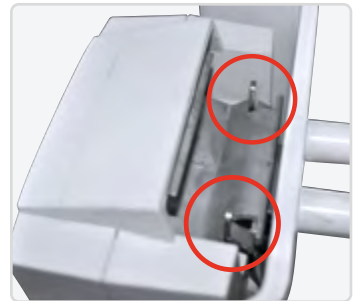


Image 3

Fit the hand control unit to the hand control socket located on the base of the control unit.

Note:

The hand control lead can only be fitted in one orientation into its socket. Do not use force to insert the hand control into its socket. The plug when correctly inserted should be pushed firmly home.



Image 4

Operation of the electric actuators

The raising and lowering of the lifting arm and the spreading of the suspension will be achieved by pressing the corresponding button on the control.

Before you use the stand-up aid, please in-sure, that the emergency-stop-button (Image 6 – ③) is not pushed. if applicable solve the button by turning the knob.

In dangerous situations push the red emergency-stop-button on the control unit immediately.

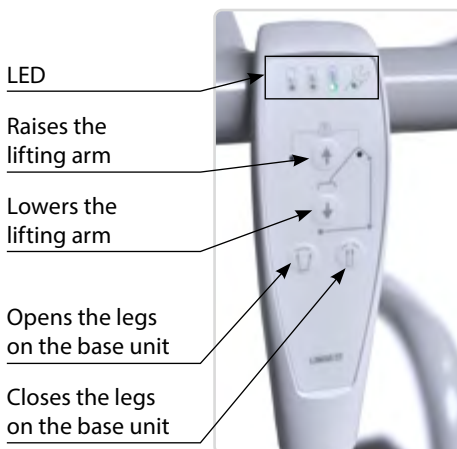


Image 5

During use:

If the battery is discharged while using the VITA-LIFT the client can be moved to the lower position by making use of the emergency lowering (on the control unit). The battery must be loaded immediately.



Image 6

After using the Vita-Lift please always push the emergency-stop-button, otherwise the battery is going to unload.

Operation the emergency lowering

In the case of a manual operation fault, the electrical functions can also be operated via the two micro push-buttons of the emergency control on the control unit.

The electrical emergency lowering (Image 7 – ①) allows the lifting arm to be lowered to the lowest position.

To do this, press with a ballpoint pen or other pointed object into the right hole (micro button) below the red button on the control unit.

You have the option of emergency operation (lifting the support arm) via the left micro button (Image 7 – ②).



Image 7



Additionally you can use the manual emergency lowering facilitated (Image 8 – ②) by pulling the red lever on the lift actuator upwards until the support arm is in the desired position.



Image 8



Lowering the support arm

For the intended use, the support arm is first raised with the suspended user and then lowered again to the desired position. The weight of the user causes the support arm to lower itself when the hand control is operated.

Please note that if the support arm is raised without a user, the associated drive needs a slight load to return to the starting position **C**.

Depending on the position, the weight of the support arm is sufficient for it to lower by itself when the hand control is operated. If the support arm does not lower itself when the hand control is operated, it is sufficient to press it down slightly with the hand.

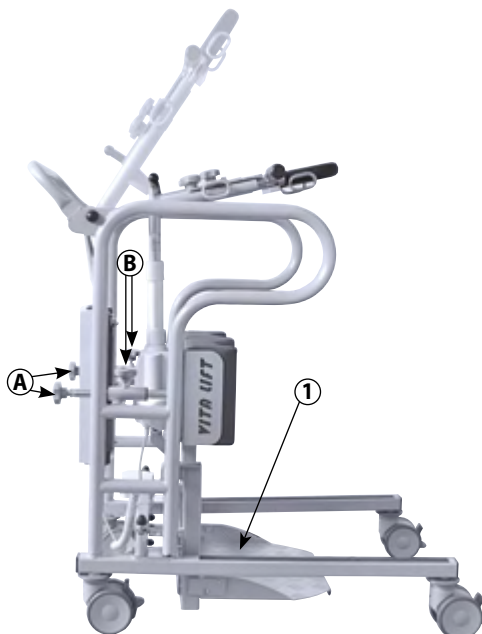


Image 9

Operation the mechanical parts

Knee pads

For knee pad adjustment loosen the two set screws (Image 9, 10 – **A** for height, Image 9, 10 – **B** for depth).

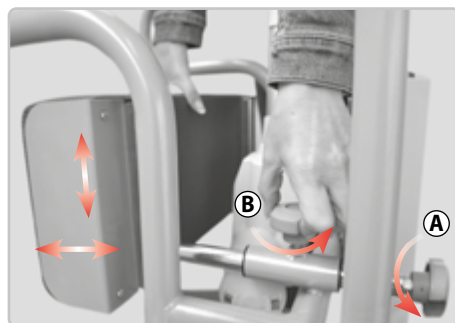


Image 10

Footplate model variant VI-1000-L

The footplate (Image 9 – ①, Images 11 & 12) can be folded upwards. However, make sure that it locks into place so that it does not fold down unintentionally. To fold it down, press it down again.

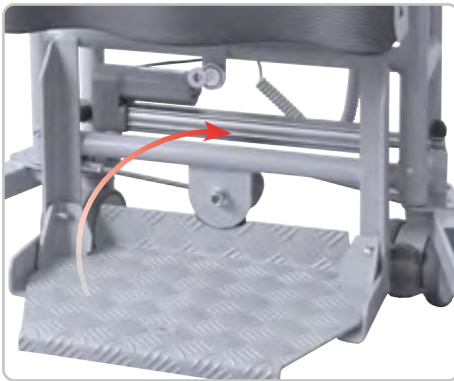


Image 11

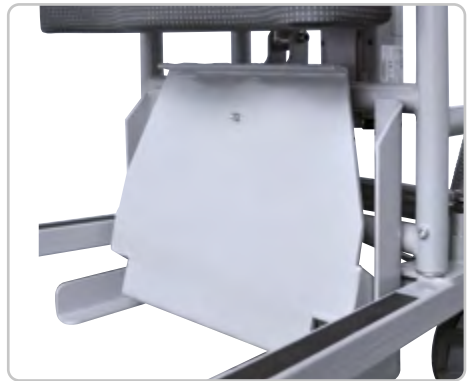


Image 12

Footplate model variant VI-5000

For patients who can still walk with support, the footplate (Image 13) can be removed. However, care must be taken to ensure that the footrest is securely attached in the correct position below the knee pad unit.



Image 13

Operation – general procedures

Firstly ensure you select the correct sling size for the person being transferred.

The sling should be fitted around the persons stomach / lower back and not around the chest. If necessary, a sling with an additional seat belt has to be used.

Push the VITA-LIFT approach the patient and lock the brakes of the wheels. Extend the carry bar towards the person and attach the relevant slings loops to the hooks (Image 14). Tension the carry bar and lock into position using the two screws (Image 15, 16 – ①).

Please make sure to straddle the legs (Image 16 – ②) by pressing the knob on the remote control before you start lifting.

Use the up function on the remote control to raise the person into the standing position.

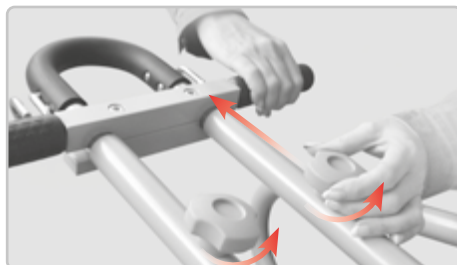


Image 14

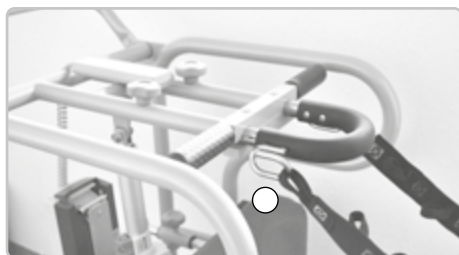


Image 15



Image 16

During use:

If the battery is discharged while using the VITA-LIFT the client can be moved to the lower position by making use of the emergency lowering (on the control unit). The battery must be loaded immediately.

Parts to insert such as loops, chains or rings must always be fixed correctly in the appropriate hooks (Image 15, 16 – ①).

10.2 Accessories / options

Use of cross plate belt

The cross plate belt can only be used in conjunction with the cross plate.

To adjust the suspension loops, loosen the star grip (Image 17 – ①) as shown in the illustration.

Make sure that the loops of the sling are securely hooked in at the same length and in the correct position.

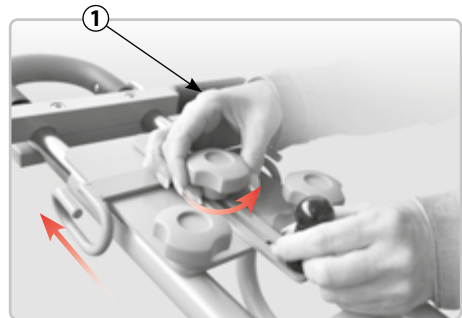


Image 17

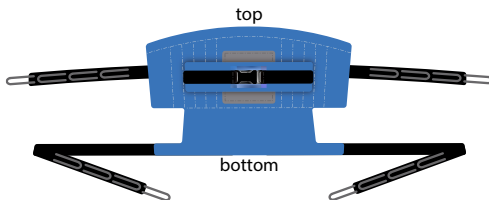


Image 18

For a complete overview of our extensive range of accessories for the Vita-Lift see item **11.2 Types and accessories** on page 23.

11 Types and accessories

11.1 Basic model

Item No.	Description
VI-5000	Stand up and transfer aid Vita-Lift, colour silver, footplate removable, max. load 165 kg
VI-1000-L	Stand up and transfer aid Vita-Lift, colour silver, footplate fold away, max. load 150 kg

11.2 Accessories / options

Item No.	Description
VG-0111	Standard belt , size 1
VG-0112	Standard belt , size 2
VG-0211	Standard seat belt , size 1
VG-0212	Standard seat belt , size 2
VG-0411	Standard seat belt , incl. abdominal belt, size 1
VG-0412	Standard seat belt , incl. abdominal belt, size 2
VG-0413	Standard seat belt , incl. abdominal belt, size 3
VG-0411-WL	Standard seat belt , incl. abdominal belt with suede inside cover, size 1
VG-0412-WL	Standard seat belt , incl. abdominal belt with suede inside cover, size 2
VG-0413-WL	Standard seat belt , incl. abdominal belt with suede inside cover, size 3
VG-0300	Coat role
VG-0311	Cross-plate belt , size 1
VG-0312	Cross-plate belt , size 2
VG-0313	Cross-plate belt , size 3
VG-0311-WL	Cross-plate belt , incl. suede inside cover, size 1
VG-0312-WL	Cross-plate belt , incl. suede inside cover, size 2
VG-0313-WL	Cross-plate belt , incl. suede inside cover, size 3
VI-3050	Cross-plate
VI-3070	Handles
VI-3090	Calf belt incl. belt cushion*
VI-3095	Calf belt fitting

*always add to VI-3095 Calf belt fitting order

The most up-to-date overview of our extensive range of accessories for Vita-Lift and their description as well as much more useful information can be found on our homepage www.ato-form.com.

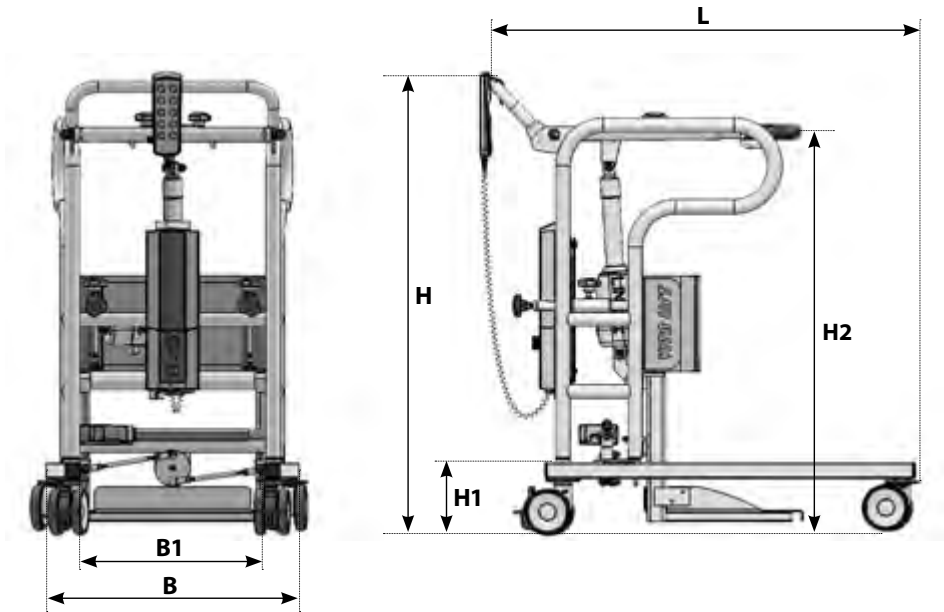
For special problems, or if it seems the accessories you require are not demonstrated nor described, please contact us.

We may already have the right solution for you.

12 Technical details

Vita-Lift			
Article number		VI-1000-L / VI-5000	
L	Overall length	cm	94.8
B	Width with open legs (outside)	cm	58.0 up to 96.2
B1	Width with closed legs (outside)	cm	42.0 up to 80.2
H	Overall height	cm	100.4
H1	Chassis height	cm	16.0
H2	Lifting arm height (extended)	cm	89.0 bis 154.0
Elektric drive (Akku)		Volt	24
Supply		Volt	24
Safety		Ampere	10
IP protection class		IPX4	
Product weight		kg	45.5
Maximal load		kg	150.0 / 165.0
Service life		10%, Max. 2 min./18 min.	
Emergency switch		Ja	
Mechanical and electrical emergency lowering		Ja	

Technical changes reserved!



Construction:

The stand-up aid consists of:

a powder-coated tubular steel frame, chrome-plated adjustable metal components for corrosion protection, foam padded supporting elements with comfortable and easy-to-clean leatherette upholstery, four polyamide double safety castors, each with full brake.

Hand control:

- Anti-slip coating on the back to prevent dropping,
- Essential information about battery state, overload occurrence and service always at hand,
- Button type: Easy touch tactile switches

Control Box:

- Service indicator, informing that it is time for a service visit
- Internal charger
- Diode display (LED indicators)

Operating conditions

Temperature: +5 °C to +40 °C

Relative humidity: 20% to 90% – noncondensing

Air pressure: 800 to 1060 hPa
(Operation in an estimated height ≤ 2000 m)

13 Cleaning and disinfection

Leftovers, dirt and dust are always to be removed. Moving parts work easier, if you apply one drop of oil after cleaning.

Cleaning the metal parts:

The painted and chromed parts of the stand up and transfer aid should only be cleaned using a soft cloth and mild and alcohol based customary cleaning agents.

Cleaning the rollers/wheels and joints:

Keep these clean at all times; regularly remove dust, hairs and other accumulating dirt from rollers.

Cleaning of textiles and imitation leather:

These are best cleaned using water and a mild detergent.

When using the cleaning agents the instructions of the manufacturer must be observed.

Disinfection:

For disinfecting, use household disinfectants and consider the following indications:

The assistant must wear suitable protective clothing (for example gloves) in order to avoid infections.


When using disinfecting agents always follow the instructions of the manufacturer.



Warning

Do not use strong solvents, which could damage the surface of the device.

The use of a high-pressure cleaner will void the warranty.



Ensure that the upholstery and wooden surfaces are kept clean. Urine and sweat can damage the product.

14 Maintenance and overhaul

For the protection of the warranty and safety, it is especially important that the stand up and transfer aid is serviced regularly once a year from the date of purchase.

It is recommended to make service arrangements. The manufacture will gladly provide the maintenance check list to your specialist dealer on request.

Please contact your specialist dealer to carry out corrective maintenance works for your Vita-Lift.

After 3 years at the latest, the unit must be inspected by the manufacturer or its commissioner.

Maintenance Checklist

Castors

- No damage or wear
- Firm seat

Brakes

- Free from grease and dirt
- Full brake function
- No signs of damage or wear

Frame

- Metal parts; no signs of damage or wear, especially for adjustable parts
- Welding seams are intact
- Fasteners, bolts, nuts and springs are secure
- Replacement of parts if there is any sign of wear
- No signs of wear or damage of the safety components

Upolstered padding

- No signs of wear

Date	Service performed	Name	Sign

15 Operating life and Re-use

The Vita-Lift is made from high quality materials and is subject to a continuous quality control in our house. Because of this and the solid construction, the expected operating life of our product is up to 5 years, depending on the usage intensity and number of re-uses, under normal and compliance with its intended use (according to the instructions given in our user manual).

The expected operating life does not apply to wear parts.

The product Vita-Lift was designed so it could be reused after the application of various measures.

Following measures should be followed:

- Thorough cleaning and disinfecting using appropriate cleaning agents.
- Replacement of wear parts
- Maintenance, following the maintenance schedule of the manufacturer or authorized specialist dealer.
- Preparing accompanying documents and release for re-use.

16 Faults, repairs, spare parts

If your stand up and transfer aid lift Vita-Lift cannot be operated?

Please ensure.....

- The plug is plugged in the socket and is supplied with power.
- the main switch is activated and there are batteries in the remote control.
- the emergency-stop-button on the battery housing is not depressed.
- All plug connections are plugged in correctly and secured.


Try and shut down the fault.

Failing that, contact your specialist dealer / reseller.

Only original accessories and original spare parts may be used. Non-compliance with these instructions and repairs carried out or modifications made to the Vita-Lift or its parts by unauthorized persons, voids any warranties.

In these cases, any product liability granted by the manufacturer (ATO FORM GmbH, Zur Lauterhecke 34, 63877 Sailauf, Germany) is voided in advance.

For all questions about spare parts and accessories contact your specialist dealer or the ATO FORM-Service 0049 6093-944-0.

 **Spare parts and accessories must not be removed or replaced while the patient is using the stand up and transfer aid!**

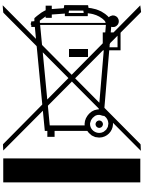
17 Storage

Keep this operating manual in a safe place, where you or care and maintenance staff have access to it.

The current version of these instructions for use can be found on our homepage in the download area.

You can find more information about the product on our homepage at www.ato-form.com or under this QR code.

Disposal of battery operated devices



The battery pack must not be disposed of together with normal household waste at the end of its service life. Please observe the legal requirements in your area. Your municipal government and locally based waste disposal companies will be happy to provide you with information in this regard.



In environmental protection matters:

All packaging parts are re-useable. The cardboard packaging is to be recycled as waste paper. We therefore use paper as filler material. Possible used plastic film of the packaging are made out of PE and are therefore low in pollutant and can either be recycled or burnt.

Complete Range:

- Head and body protection
- Walking aids
- Gait trainer
- Standing aids
- Seating aids
- Hoists
- Customized solutions

Thank you for your interest in our products.
For questions please contact ATO FORM GmbH or
your specialist dealer.

Your ATO FORM Team



ATO FORM GmbH

Zur Lauterhecke 34, 63877 Sailauf, Germany

Tel. +49 6093 944-0, Fax +49 6093 944-444

E-Mail: info@ato-form.com

www.ato-form.com

Your specialist dealer