

NAUSICAA

MEDICAL

www.nausicaa-medical.com

NAUSICAA Medical is ISO 13485 certified

LIFTS: NAUSIFLY 3 COMPACT AND STANDARD



STEEL MANUFACTURING

MAXIMUM CAPACITY: COMPACT: 160KG / STANDARD: 180KG

CLASS 1 MEDICAL DEVICE

ALL OUR APPLIANCES COMPLY WITH THE NF EN ISO 10535 : 2021 STANDARD.

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NAUSIFLY 3

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Use

The NAUSIFLY 3 lift is a Class I medical device in accordance with Regulation (EU) 2017/745. It can be used throughout the healthcare sector (except in potentially explosive areas).

Its use compensates for the patient's disability or incapacity and makes working conditions easier for the nursing staff.

It is exclusively intended for the transfer and transport of a patient with reduced mobility due to illness or disability. Moving the NAUSIFLY 3 lift is only suitable for short distances within the patient's home/activity area and on a single building level.

It should only be used on a flat surface.

It is intended for use for a short period of time, without contact with injured skin and requires a suitable strap for use.

In standard use, the patient is transferred from a sitting position.

However, a lying transfer is also possible with a suitable sling; it is also possible to perform a floor pick-up.

The NAUSIFLY 3 lift is suitable for a patient weight of up to 160 kg for the compact model and 180 kg for the standard model.

The product should be used by a caregiver.

The NAUSIFLY 3 lift is designed for use at an ambient temperature of 0°C to 40°C, with a humidity of 20% to 80% and an air pressure of 700 hPa to 1060 hPa in normally composed atmospheric air.

It can be used in wet rooms such as bathrooms and toilets. Do not use this lift in a shower.

Diseases such as osteogenesis imperfecta, osteoporosis or damage to the spine and mental aberrations or seizures may be contraindications.

The NAUSIFLY 3 lift should only be used after careful examination of the patient by the doctor and nursing staff.

Content

The lift has already been inspected to ensure that it is free of defects and that nothing is missing. Nevertheless, check the product immediately after receipt for any damage that may have occurred during transport. Use the delivery note to check that all items are present and that the delivery is complete.

Cardboard	Content	Content
NAUSIFLY 3 Compact et Standard	NAUSIFLY 3 Compact et Standard	1
	Battery pack	1
	Remote control	1
	User's manual	1

Installation Instructions

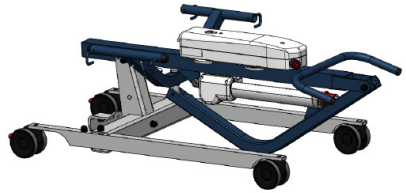
BEFORE USING YOUR LIFT, IT IS NECESSARY TO CHECK THAT:

- The lift legs open and close properly.
- The wheels turn and roll normally.
- The operation of the rear wheel brakes is correct.
- The flail turns and swings correctly.
- There is no wear or deformation on the flail hooks.

ATTENTION:

- The assembly is done with the brakes locked and the feet clamped.
-

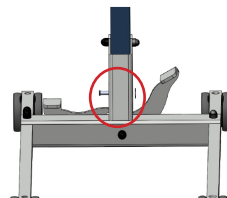
This is how your product is packaged once it is out of the box.



Step 1:
- Reassemble the mast of the unit.



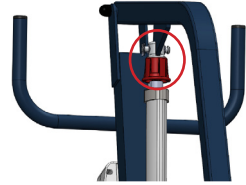
Step 2:
- Attach the mast with the grooved pin (previously mounted on the base of your device).



Installation Instructions

Step 3:

- Fix the cylinder with the grooved pin (previously mounted on the clevis of your cylinder).



Your device is ready for use.



ADVICE FOR USE:

- Your lift is designed for transferring patients and should not be used for any other purpose.
- Check that the patient's weight does not exceed the maximum weight that the lift can support.
- Operate the lift by pushing the handlebar, never by pushing the patient.
- The lift should be handled with care when transferring a patient and with a speed appropriate to the situation.
- Use the lift on flat, smooth surfaces. It is not recommended that the lift be used on a slope of more than 5°: if you have to use a ramp, it is advisable to have a second person assist you. A lift should never be used in a shower.
- Never charge the batteries of a lift near a bath or shower.

Use of the Device

Lifts allow patients to be transferred from a bed, chair, toilet, wheelchair or the floor in a simple and efficient manner.

In care environments, they offer the caregiver the most appropriate solution for the basic tasks of patient transfer: lifting and repositioning.

TRANSFER FROM A CHAIR



TRANSFER FROM A BED



Use of the Device

Lifts are practical and effective when a patient is dependent and therefore needs a carer to carry out basic care.

Selecting the right device and using it correctly is important as it has been shown that using the right equipment significantly reduces the risk of injury to the patient and the carer. The use of a lift requires an assessment of the patient's physical capacity.

With our devices, caregivers can perform the following transfers:

- Transfer from chair to bed
- Transfer from bed to chair
- Patient transfer from the ground



Braking:

The brakes are one of the important safety features of the lift. The rear wheels are equipped with brakes that act on the wheels. To lock the wheels, press the red part of the wheel to a stop using your foot (braked wheel). To release the wheels, push the red part upwards (unbraked wheel).

When locking your lift, always ensure that both wheels are locked.
If only one wheel is locked on a sloping floor, the unlocked wheel will roll away(the lift may tilt to the side).

Unbraked front wheel



Braked rear wheel



Use of the Device

1. If the patient is lying on their back, turn them so that their back is to you.
2. Fold the strap in half in the longitudinal direction.
3. Place the strap with the folded side on the patient's back. When doing so, the NAUSICAA logo and the labels should be facing downwards. Make sure that the lower edge of the back part of the sling is on the tailbone and the upper edge is on the patient's shoulders.
4. Turn the patient onto the strap on the other side.
5. Pull the folded half of the strap under the patient and place it correctly.
6. Turn the patient onto their back.
7. The patient is lying correctly on the sling if his back is completely on the back part of the sling and the leg supports are next to his thighs.
8. Now raise the back section of the care bed until the patient is almost sitting upright.
9. Fold both leg supports from the outside inwards around the patient's thighs.
10. Position your lift so that the beam hooks are slightly above the patient's eye level. Make sure there is enough space between the patient's head and the lift's beam.
11. Before attaching them to the flail, make sure that the shoulder hooks and the leg are at the same height and symmetrical.
12. Keep the shoulder hooks hooked to the outer hooks of the flail.
13. Then hook the leg hooks crosswise to the level on the inner hooks. (flat flail) or parallel (triangular flail).
14. Raise the lift arm of the lift until the shoulder hooks and of the legs are taut. Now check that the strap is properly attached.
15. You can now lift the patient. Use the manoeuvring handle on the upper edge of the back of the sling for easier positioning.

Use of the Device

Observe the following safety precautions before each patient transfer:

- The caregiver should have the knowledge to select and use an appropriate lift strap.
- Check the compatibility of the lift flail and the sling before using the lift.
- Check the maximum load of the device.
- Check the size and design of the sling according to the patient's body type.
- Check the condition of the strap before each use. The strap should not have any tears in the fabric or to the seams. There is no need for any damage to the fabric or to the seams. Check that the correct hooks have been attached. All strap loops have 3 different levels: long (green) - medium (yellow) - short (red). Each pair of buckles should only have the following combination of hooks: long (green), medium (yellow), short (red).
- Check that all loops are attached to the flail hook.
- Lock the wheel level of the wheelchair or care bed so that the patient can be lifted and lowered safely. Leave the wheels of the patient lift in the unbraked position.
- Ensure that the transfer distance is as short as possible and never leave the patient hanging unattended.
- Observe the patient's behaviour during the transfer. Sudden movements of the patient or obstacles can cause hazards.
- Raise the patient to the required height.
- Keep lifting straps away from intense heat or open flames; they are not fireproof.



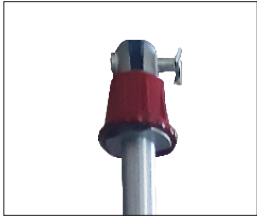
Before each use, it is important to check the condition of the entire transfer device (lift + sling): seams, condition of straps and fabric.

Use of the Device



Before use, check that the remote control and the cylinder are correctly connected to the control unit (page 25).

Check the condition of the control box and the battery.



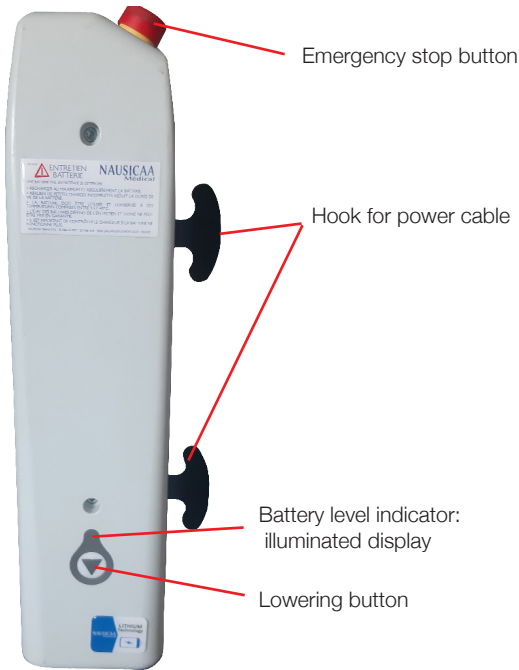
Check that the cylinder is properly secured



Check that the battery is charged by looking at the green indicator light when the battery is charged.

-This is loaded.

Use of the motorisation

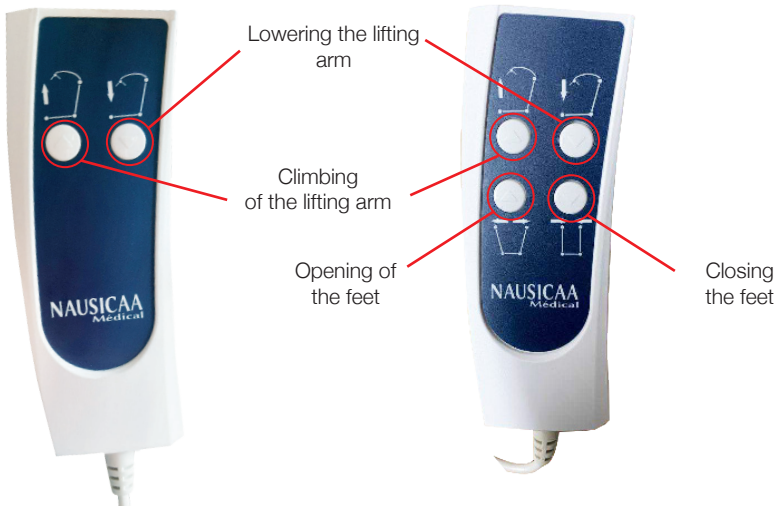


The new VEO- BOX IV control unit allows the battery level to be displayed. A light just above the down button on the control box indicates the battery level.

- **Between 100% and 75%** battery the light is «**green**».
 - **Between 75% and 25%** of battery the light is «**orange**».
 - **Below 25%** battery the light is «**red**» (still allows about 10 cycles)
- After one minute, the device automatically switches to standby mode with a gentle «beep», thus limiting battery consumption. Any action on the block or the remote control wakes up the device.

Remote control for mechanical ECP version

Remote control for electric ECP version



Using the Strap

Before using a lift, the following parameters should be taken into account depending on the situation: the physical handicap, the pathology and the general morphology of the patient.

When selecting a sling, the caregiver should consider the following 3 factors:

- the size of the patient
- the patient's weight
- the patient's waist size for straps with chest protectors

All our models are Class 1 Medical Devices, they fit and are compatible with all lifts with an equivalent attachment system (certificate of compatibility on request).

FABRICS

Depending on the strap model, we offer two types of polyester fabric:

JERSEY: very easy to handle, provides an optimised and comfortable fit.

NET: ideal for bathing and washing, prevents maceration and is easy to dry.

IMPORTANT RECOMMENDATIONS

- In order to ensure maximum effectiveness when using the products in this range, it is essential to:
 - to choose the right size for the patient
 - to adjust the product to the patient as best as possible
- These products should not be placed in direct contact with injured skin.

Read the instructions for use before using the straps.

The backslash lines must be hung on the same colour.

Never adjust the strap hooks on the lift's beam when the lift is in use.

person is installed in the sling.

Before transferring the patient, ensure that the sling is securely attached to the flail.

ISO 10535 : 2021 STANDARD ON PERIODIC INSPECTION OF WEBBING

B.2.4 Control of body support elements (= straps)

The flexible support element should be checked periodically at the frequency specified by the manufacturer, at least twice a year.

More frequent checks may be required when a soft support element is used or cleaned more frequently than normal.

Checks should be carried out by a suitably qualified person who is familiar with the design of the support element and its use and maintenance.

The inspection should detect signs of deterioration, wear or failure and to check the legibility of the labels.

The audit report should be kept in a secure place so that it can be consulted in the event of an incident.

This report should include the following information:

- the date of the inspection;
- the identification details of the support element and its serial number;
- information about the condition of the support element;
- the next scheduled check date;
- the name, contact details and signature of the controller.

Using the Strap

POSITIONING OF FASTENERS

The backrest and thigh support lines must be hung on the same colour.



Sitting position :

- Short high shoulder straps
- Long, low ties, crossed between the legs



Sitting position :

- High middle shoulder straps
- Low long straps



Semi-seated position:

- High middle shoulder straps
- Long low ties, uncrossed between the legs

For supine transfers or pick-ups from the floor, always use a headgear or add a removable headgear to the sling.

For patients without head support, it is necessary to always use a headgear or to add a removable headgear to the sling.



**THIS MEDICAL DEVICE MUST BE USED OR TRAINED
BY A HEALTH PROFESSIONAL**

Using the Strap

	RECOMMENDED STRAPS FOR THE TRANSFER		Recommended straps for washing and putting in the toilet. Cannot remain under the patient.
	SANGLE HAMAC (May remain under the patient)	U-BAND (Cannot stay under the patient)	
Loss of tone in the lower limbs with chest support and with head support	Hammock straps	U-shaped straps Quick-adjust U-shaped straps	Toilet Strap Quick Transfer U-strap
Loss of tone in the lower limbs without chest support and with head support	Sangles Hamac	U-shaped straps Quick-adjust U-shaped straps	Toilet strap
Perte de tonicité membres inférieurs sans maintien de buste et sans maintien de tête	Hammock straps with headrest option	U-belt with backrest Quick-adjust U-belt with headrest option Ergonomic U-belt	
Amputee patient	Hammock strap without crossing		
Agitated/anxious patient	Hammock strap without crossing	Wrap-around U-belt U-belt with backrest	
Spastic patient	Hammock strap without crossing with option headrest	U backrest straps Adjustable U straps with headrest option Ergonomic U-strap	Toilet strap with headrest option U-shaped strap with quick adjustment
Physically and psychically dependent patients	Hammock straps	Wrap-around U-belt Backrest U-belt Quick-adjust U-belt with headrest option Ergonomic U-belt	
Contraindication of hip constrictions	Hammock strap without crossing	Quick transfer strap	Quick transfer strap

Using the Strap

Poids / Taille	1m50	1m55	1m60	1m65	1m70	1m75	1m80	1m85	1m90 + 1m90
40 kg	S	S	S	S	S	S	M	M	M
45 kg	S	S	S	S	S	S	M	M	M
50 kg	S	S	S	S	S	S	M	M	M
55 kg	S	S	S	S	S	S	M	M	M
60 kg	M	M	M	S	S	S	M	M	M
65 kg	M	M	M	S	S	S	M	M	M
70 kg	M	M	M	M	M	M	M	M	M
75 kg	L	L	M	M	M	M	M	M	M
80 kg	L	L	L	L	M	M	M	M	M
85 kg	L	L	L	L	M	M	M	M	M
90 kg	L	L	L	L	L	L	M	M	M
95 kg	XL	XL	XL	XL	L	L	M	M	M
100 kg	XL	XL	XL	XL	L	L	L	L	L
110 kg	XL	XL	XL	XL	L	L	L	L	L
120 kg	XL	XL	XL	XL	XL	XL	L	L	L
130 kg	XL	XL	XL	XL	XL	XL	XL	XL	XL
160 kg	2 XL	2 XL	2 XL	2 XL	2 XL	2 XL	XL	XL	XL
190 kg	3 XL	3 XL	3 XL	3 XL	2 XL	2 XL	XL	XL	XL
220 kg	3 XL	3 XL	3 XL	3 XL	3 XL	2 XL	2 XL	XL	XL
250 kg	4 XL	4 XL	3 XL	3 XL	3 XL	3 XL	3 XL	2 XL	2 XL
280 kg	4 XL	4 XL	4 XL	4 XL	4 XL	4 XL	3 XL	3 XL	3 XL
320 kg	4 XL	4 XL	4 XL	4 XL	4 XL	4 XL	4 XL	4 XL	4 XL

Reuse

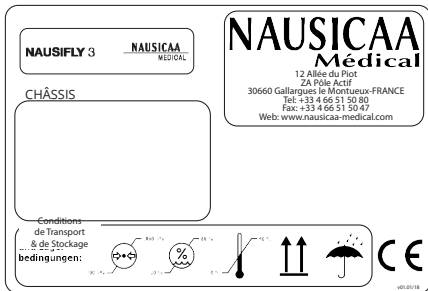
This product can be re-used.

The lift and sling should be cleaned, disinfected and maintained after each use. Before reuse, refer to the sections :

- Preventive Maintenance & Safety Checks
- Cleaning & Maintenance

Labelling

Étiquetage sur le carton



Labelling

1

⚠ CONSIGNES DE SECURITE - avant chaque usage **NAUSICAA MEDICAL**

- Vérifier le poids total de l'élement de soutien (charge).
- L'élement de soutien (charge) ne doit jamais être utilisé pour déplacer l'appareil.
- Vérifier le poids total de la vergle de traction.
- Vérifier la présence et le bon état des dispositifs de sécurité : tous les axes et leurs maillères (gauplins, clips ou boulons), et le bon serrage de la visserie (voir le manuel d'utilisation).

NE PAS UTILISER L'APPAREIL EN CAS DE MINQUE OU DE MINUS ETR.

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2

NAUSIFLY 3 **NAUSICAA MEDICAL**

3

Poids maximum
Maximum weight
Máximo peso
Peso máximo
160 KG
CE

Poids maximum
Maximum weight
Máximo peso
Peso máximo
180 KG
CE

4

⚠ ENTRETIEN BATTERIE **NAUSICAA MEDICAL**

L'UNE BATTERIE MAU ENTRETIENNE SE DETERIORE.

- Ranger au maximum et régulièrement la batterie.
- Elle doit être utilisée et conservée à une température comprise entre 0°C et 40°C.
- Il faut contrôler la charge et la tension au maximum.
- Éviter de pointer charge incomplète jusqu'à la fin de vie de la batterie.

<p>BATTERIE PLUMBIQUE</p> <ul style="list-style-type: none"> • Recharge complète à l'équilibre en mode on charge à court-circuit. • L'état de la batterie dépend de la durée qu'elle est en charge et dans ce cas ne peut être pris en compte. 	<p>BATTERIE LITHIUM</p> <ul style="list-style-type: none"> • Peut être rechargé sans soulever que autorisé. • Si l'électrolyte de niveau est chargé sans être, charger la batterie.
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NAUSICAA MEDICAL **LITHIUM Technology**



5

CE mark and other regulatory symbols

NAFLY3CPT-PB



NAFLY3CPT-0268-FM

Année / mois de fabrication : 2022/1

Capacité maximale : 160kg

DM CLASSE I

Labelling



Preventive Maintenance & Safety Checks

Type of lift: NAUSIFLY 3

Chassis serial number :

Checking of Safety Points (frequency: according to use, at least once a year) :

- This check is done visually; any evidence of injury should result in exchange.

		COMPLIANT	NOT COMPLIANT	DATE OF CHANGE
1	Flail mounting (grooved shaft)			
2	Flxation of the upper cylinder clevis (grooved pin)			
3	Lifting arm / mast connection (bolted)			
4	Flxation lower cylinder clevis (bolted)			
5	Flxation mast n°1 / base (bolted)			
6	Flxation mast n°2 / base (grooved shaft)			
7	Foot pedal or electric cylinder attachment (bolted)			
8	Wheel mounting (bolted)			
9	Fixing between the base and the legs (bolt)			
10	Condition of the structure (welds, joints, oxidation)			
11	Checking the presence and legibility of labels			

Checking the electrical functions (frequency: depending on use, at least once a year) :

- This check is done with the lift loaded.

		COMPLIANT	NOT COMPLIANT	DATE OF CHANGE
A	Operation of the lift/shift cylinder			
B	Operation of the emergency stop			
C	Battery condition (charge retention)			
D	Remote control status			

Checks carried out on:	Checks carried out by:	Expected date of next inspection:

Preventive Maintenance & Safety Checks

Control points common to all 4 models



Preventive Maintenance & Safety Checks

NAUSIFLY 3 LUBRICATION

- 1- Lifting arm / flail assembly
- 2- Cylinder top clevis assembly
- 3- Lifting arm / mast assembly
- 4- Cylinder bottom clevis assembly
- 5- Mast / base assembly
- 6- Foot pedal or electric actuator assembly
- 7- Wheel assembly
- 8- Base/leg assembly

Periodic greasing: use a «3 in 1» product or similar



General Safety Instructions

1. Use the lift only for its intended purpose, in compliance with the applicable legislation for medical devices, the relevant legal regulations, and the regulations for work protection and accident prevention.
2. Note that the lift is a medical device, so the user is required to comply with the Medical Device Directive.
3. The requirements for the electrical installation of the room or area where the lift is used must meet the current state of the art.
4. Use the lift only after you have been trained in its use and with full knowledge of the facts.
5. Before use, read the entire instruction guide to avoid damage due to improper handling or exposure to hazards. The instruction guide contains important information and notes necessary for using the lift.
6. Use the lift only in accordance with these instructions. Keep the instruction guide in a safe place for future reference. Attach this instruction guide to the lift if the owner changes.
7. Before use, the lift and its accessories should be checked to ensure that they are in good working order and in perfect condition.
8. Before using the lift with other medical or non-medical devices, check that the combination of these products is permitted and that they can be used safely together.
9. Assembly, commissioning, maintenance and repair of the lift may only be performed by qualified personnel.
10. It is the responsibility of the user/operator to ensure (through appropriate measures and instructions) that mechanical stress on the load-bearing cord (by bending, pulling, shearing, crushing) is excluded during loading or cleaning of the room. This also applies to the electrical cables of other equipment used with the lift.
11. Observe the switch-on time and the maximum permissible load. These values must not be exceeded, otherwise safe operation is no longer ensured.
12. Do not expose the lift to direct sunlight, heat or moisture.
13. Ensure that no moisture enters the electrical system.
14. Avoid mechanical stress on the electrical cords used. Pulling, bending or crushing the electrical cords may damage them.
15. Recharge the batteries in a well-ventilated area.
16. Electromagnetic or other interference between the lift and other equipment cannot be ruled out. If there is a risk of such interference, the source of the interference must be removed or the lift must not be used.
17. Interference caused by the use of portable communication devices cannot be completely ruled out. Therefore, a safety distance of at least 3.3 m must be maintained to ensure safe operation of the lift.
18. Do not allow children to stand unattended near the lift.
19. The lift should no longer be used as soon as abnormal noises, damage or any other malfunction occurs. In this case, do not connect the lift to the charger, but inform NAUSICAA MEDICAL.
20. If damaged or defective, the lift should not be used and should not be connected to the power supply. Inform the dealer and instruct him to remedy the defect or fault.
21. Any serious incident occurring in connection with the device should be reported to NAUSICAA MEDICAL and to the competent authority of the Member State in which the user and/or patient is established.

Technical & Dimensional Specifications

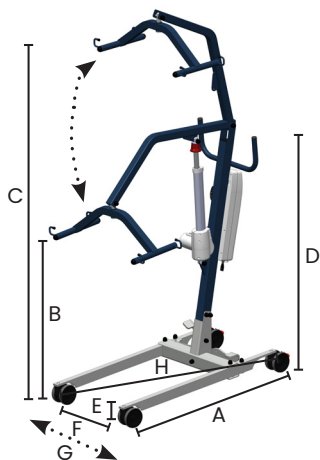


Technical specifications

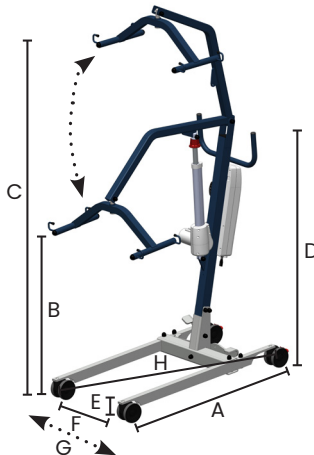
- Steel frame
- Sheet metal, laser cutting and bending, tubes and profiles
- Baked epoxy paint
- Ball bearing wheels
- Total weight Compact version: 31 kg / + 3kg electric version + 2Kg lithium battery / + 4Kg lead battery.
- Total weight standard version: 35 kg / + 3kg electric version + 2Kg lithium battery / + 4Kg lead battery.
- Compact base weight: 6 kg / Standard base weight: 6 Kg
- Maximum load Compact version: 160 kg / Standard: 180 Kg
- Product lifetime: 8 years* (excluding electrical part)
- * Subject to regular maintenance

Dimensional characteristics

Compact model



Standard model



Dimensions

- A.** Total length: 104.5 cm
- B.** Minimum useful height: 59 cm
- C.** Maximum useful height: 164.5 cm
- D.** Total height: 126 cm
- E.** Frame height: 11,5 cm
- F.** Minimum base width: 57 cm
- G.** Maximum base width: 81 cm
- H.** Turning diameter: 112 cm

Dimensions

- A.** Total length: 124.5 cm
- B.** Minimum useful height: 57.5 cm
- C.** Maximum useful height: 179 cm
- D.** Total height: 134.5 cm
- E.** Frame height: 11,5 cm
- F.** Minimum base width: 66 cm
- G.** Max. base width :
 - mechanical spacing: 96 cm
 - electrical spacing: 99 cm
- H.**Turning diameter: 133.5 cm

Spare parts

**For all spare parts requests, please
contact the Service Department:**

Verticalizers & Lifts

Téléphone : 04 66 71 71 80

Fax : 04 66 71 71 81

Mail : sav@nausicaa-medical.com

Cleaning & Maintenance

BEFORE HANDLING:

- Unplug the power cord from the mains.
- Check that all electrical components are connected to each other.
- Clean the electrical enclosures of the cylinders and wire controls if they have been splashed with body fluids, especially urine.

OBJECTIVE:

- Restore the lift and avoid the transmission of germs from one patient to another.
- Remove any organic soiling by mechanical action (detergency) or chemical action (disinfection).

CLEANING PROCEDURE:

- Clean the surfaces with a damp cloth using a suitable detergent.
- Regular cleaning is recommended and should therefore be added to the internal tasks.

ATTENTION :

- The detergents used should be pH neutral.
- Avoid abrasive products and solvents as they may damage the surface of the unit.

DAILY MAINTENANCE:

- By means of a surface product applied in one operation.
- Maintenance at discharge with the following procedure:
 - Cleaning is carried out using a cloth impregnated with a surface disinfectant solution.
 - Specific maintenance by service providers after removal of the lift from the facility:
 - Bioneting operation.
 - Steam cleaning of the various flat surfaces. Regularly change the washing surfaces to avoid water contamination. Steam clean parts that are difficult to access. For tubes, use steam with a microfibre cloth. Do not direct the steam directly onto the electrical boxes.

ATTENTION :

- Disinfection of cylinders, electrical boxes and remote controls with a microfibre wipe impregnated with disinfectant.

MONTHLY MAINTENANCE (AFTER CLEANING):

- Check that there is no visible damage to the unit.
- Check that no parts are missing.
- Check that the wheels are functioning properly and that no material is interfering with their running (hair, carpet ends, etc.).
- Check that the controls are working properly and that the remote control and the actuator are connected to the battery pack.
- Clean the sockets and control buttons with a dry cloth, if necessary with a damp cloth.
- Check the integrity of the electrical cables (cylinder and remote control).
- Never clean the appliance, especially the electrical system, with a high-pressure cleaner, water hose or similar.

If you notice a malfunction, contact the Service Department:

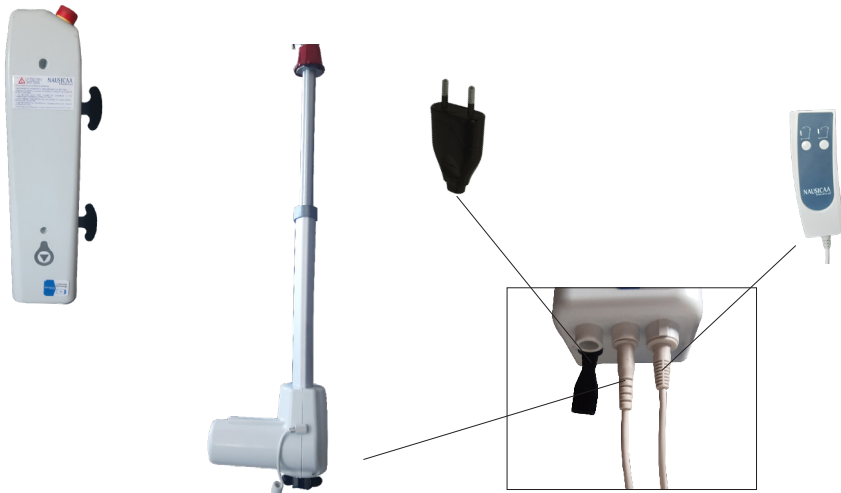
Mobile Lifts & Verticals
Téléphone : 04 66 71 71 80
Fax : 04 66 71 71 81
Mail : sav@nausicaa-medical.com

Technical Data Motorisation

- Battery pack
- Digital range display
- Emergency stop button
- Electrical safety descent
- Independent wall charger (optional)
- 2 function / 4 function remote control
- Complies with EN 60601-1
- Low voltage DC motor 24V=.
- Power 24 V/120 VA
- Maximum thrust force: 6,000 N , 8000 N
- Stroke: 29 cm
- Electronic overload protection
- Protection class: II
- Typical protections:
 - Remote control: IP65
 - Control box: IP65
 - Cylinder: IP55
- End of travel stops by contactor
- ABS case
- Remote control with coiled cable, low voltage 24V
- Overload protection by thermal switches
- Noise level: less than 60 dB at 1 metre
- Electromagnetic compatibility: complies with EN 60601-1-2



Connection diagram



Technical Data Motorisation

Cycle counter :

- We have a counter of 600,000 seconds. If we consider that the cylinder performs full strokes at an average speed of 9 mm/s, that is about 10,000 full cycles.

The Veobox IV will indicate that maintenance is required when the red light illuminates for 2 seconds and the green light illuminates for 2 seconds.



Cylinder preservation system:

- A built-in system to preserve the cylinder is included in the housing. It corresponds to a ratio between the time of use and the time of rest of the cylinder.
- For every 10% of use time, 90% of rest time is needed.
- For 6 minutes of continuous use, it is therefore necessary to wait 54 minutes before using the device again. If this time is not respected, the unit will not work and the block indicator light will be orange. When this working cycle is exceeded, there is a risk of overheating the equipment and causing a breakdown.



If you notice that your appliance lifts more slowly, you have incorrectly switched on the «soft start» function.

In this case, please follow the instructions below to deactivate it.

Function	Operation	Indication		
Gradual departure	Press and hold the 1+ buttons and 1- for 3 seconds to activate/deactivate	ON	The indicator light flashes red 3 times	
		OFF	The indicator light flashes red twice	
Audible warning	Press and hold the 2+ buttons and 2- for 3 seconds to activate / deactivate	ON	The light indicator flashes green twice and the box beeps once	
		OFF	The light indicator flashes green twice and the housing green twice	

Troubleshooting Guide

Symptoms	Causes	Solutions
The unloaded device does not always come down.	Our aircraft need to have weight on them in order to descend.	Press the lift arm while pressing the down button on the remote control.
The moving parts of the device are hard, the device is hard to handle.	This is due to a lack of lubrication of moving parts.	Lubricate moving parts.
The cylinder does not work but there is a «click» in the housing control when the button is pressed. remote control.	<ol style="list-style-type: none"> 1. The batteries are discharged. 2. The cylinder cable is not connected. 3. The cylinder cable is damaged. 4. The cylinder or control box is damaged. 	<ol style="list-style-type: none"> 1. Load the device. 2. Connect the cylinder cable. 3. Have the cylinder repaired. 4. Have the electrical assembly serviced.
The actuator does not work but there is no «click» in the control box when the remote control is pressed.	<ol style="list-style-type: none"> 1. The emergency stop button is pressed. 2. The battery is discharged. 3. The remote control cable is not connected. 4. The remote control cable is damaged. 5. The entire electrical system is damaged. 	<ol style="list-style-type: none"> 1. Turn the knob to unlock it. 2. Check the condition of the charger and then charge the battery. 3. Connect the remote control. 4. Change the remote control. 5. Have the electrical assembly serviced.
The cylinder stops.	<ol style="list-style-type: none"> 1. Battery is discharged (sound system plus indication «low battery» on the display). 2. The appliance has been used for too long. 3. The weight lifted by the device is too great. 	<ol style="list-style-type: none"> 1. Check the condition of the charger and then charge the battery. 2. Let the appliance stand for a while (protection for the life of the cylinder). 3. Reduce the weight.
The cylinder no longer moves up or down.	<ol style="list-style-type: none"> 1. The control box is out of order. 2. The remote control is out of order. 	<ol style="list-style-type: none"> 1. Have the control box serviced. 2. Change the remote control.

Garante

• Article 1: NAUSICAA Médical S.A.S. guarantees this device against all manufacturing and assembly defects in its mechanical and electrical components, and only for devices used under the conditions provided by NAUSICAA Médical S.A.S.

The warranty includes mechanical and electrical parts.

This guarantee, the conditions of which are defined below, is valid for 5 years except for the batteries (lithium battery: 2 years guarantee, lead battery: 1 year).

• Article 2: The guarantee entitles the purchaser to free labour and to the replacement, free of charge, of parts found to be defective.

• Article 3: The outward carriage of the appliance, as well as all related costs, are at the expense of the reseller. The goods always travel at the risk and under the responsibility of the reseller.

Under guarantee: the cost of returning the goods after intervention will be borne by NAUSICAA Médical S.A.S.

Out of warranty: the return costs are at the dealer's expense, whether or not he accepts the repair estimate.

• Article 4: The guarantee does not apply if the claims are due to :

- accident, misuse of the device or negligence of the buyer.

- transporting the appliance without adequate protection.

- a modification or transformation not approved by NAUSICAA Médical S.A.S.

- the impact of external agents (natural disasters, fire, impact, humidity, flooding, lightning, etc.).

- installation and/or use in a manner that does not comply with technical and safety standards if the appliance is operated in a country other than the country of purchase; and/or if the power supply is not suitable for the voltage at which the appliance is used.

- a lack of routine maintenance.

• Article 5: The reseller may not invoke the benefit of the guarantee:

- if the serial number of the appliance has been removed, altered or made illegible.

- if the device under guarantee has been modified without the approval of NAUSICAA Médical S.A.S.

• Article 6: During the repair of defective equipment, no equipment will be lent.

• Article 7: Any warranty claims must be made through the dealer. If this is not possible, the purchaser may send the equipment directly to NAUSICAA Médical S.A.S. In this case, the purchaser must indicate the name and address of the retailer and a copy of the purchase invoice in a letter attached to the equipment.

• Article 8: The dispatch of spare parts under guarantee will only be carried out after consultation with the NAUSICAA Médical S.A.S. After Sales Service.

Please note that defective spare parts must be returned to NAUSICAA Médical S.A.'s After Sales Service, otherwise they will be invoiced one month after the parts are sent by NAUSICAA Médical S.A.S.

• Article 9: Defective parts changed under or outside of the guarantee will be guaranteed for 6 months from the date of repair or the sending of spare parts.

• Article 10: No dealer may unilaterally modify the terms of this warranty.

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