

NAUSICAA

MEDICAL

www.nausicaa-medical.com

NAUSICAA Medical is ISO 13485 certified

PATIENT LIFT : XXL FLYER WITH SPREAD ELECTRIC



STEEL MANUFACTURING
MAXIMUM CAPACITY: 300 kg
CLASS I MEDICAL DEVICE

Summary

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FLYER XXL

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The Flyer XXL patient lift is a class I medical device in accordance with Regulation (EU) 2017/745. ALL OUR DEVICES COMPLY WITH THE NF EN ISO 10535:2021 STANDARD.

Presentation

FLYER XXL is a patient lift with electric leg spread designed for use in hospitals, clinics, nursing homes, care homes, at home... and must be operated by a caregiver.

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

It is intended for the transfer and transport of a patient with reduced mobility caused by illness or disability and must be used with an appropriate sling (without contact with injured skin).

The FLYER XXL patient lift is designed for use with patients weighing up to 300 kg.

The climatic conditions for using the FLYER XXL are as follows: ambient temperature from 0°C to 40°C, with humidity from 20% to 80% and air pressure from 700 hPa to 1060 hPa in normally composed atmospheric air.

The device can be used in the bathroom (without contact with water) or in toilets. Patient lifts allow the patient to be passively transferred from a bed, a recliner, toilets, or a wheelchair.

Contraindications

Diseases such as osteogenesis imperfecta, osteoporosis or spinal damage, as well as mental disorders or epileptic seizures, may be contraindications.

Contents

The patient lift has already been inspected to ensure it is free of defects and that nothing is missing. However, check the product immediately upon 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 therefore complete.

Box	Contents	Quantity
FLYER XXL	FLYER XXL with electric leg spread	1
	Battery block (removable)	1
	Remote control	1
	Sticker with QR Code linking to the user manual	1

with spread
electric

Assembly Instructions

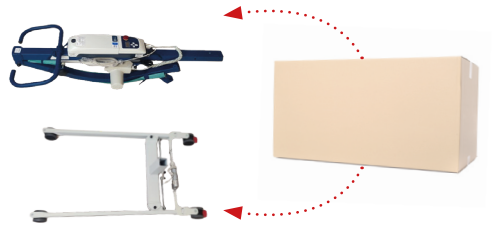
BEFORE USING YOUR PATIENT LIFT, IT IS NECESSARY TO CHECK THAT:

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

WARNING:

- Assembly must be done with brakes locked and legs tight.
- Do not trap the remote control wire between 2 metal parts

This is how your product is packaged once removed from its box.



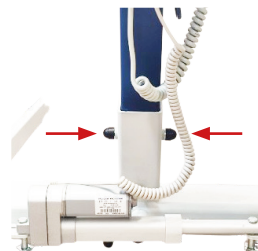
Step 1:

- Insert the mast of the device into the central notch of the base.



Step 2:

- Secure the mast with the long axle as well as its washers, nuts, and caps.



Assembly Instructions

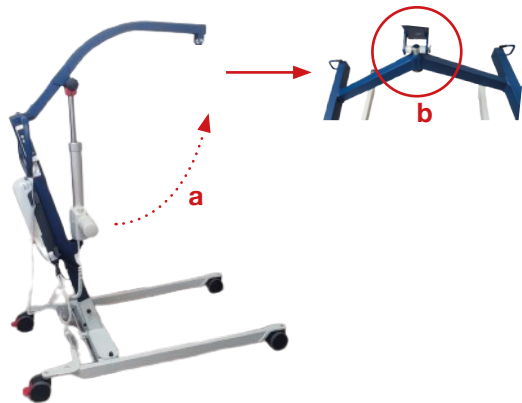
Step 3:

- Attach the actuator with the long axle as well as its washers and knobs.



Step 4:

- a - Raise the lifting arm using the remote control.
- b - Attach the spreader bar with its grooved axle as well as its washers and clasp.



Step 5:

- The device is ready to be used.



Assembly instructions

To disassemble the device, follow this procedure in reverse order.

TIPS:

- Your patient lift is designed to transfer patients; it must not be used for other purposes.
- Check that the patient's weight does not exceed the maximum weight the patient lift can support.
- Maneuver the patient lift by pushing the handlebar, never by pushing the patient.
- Handle the patient lift with care when transferring a patient and at a speed appropriate to the situation.
- Move the patient lift on flat and smooth surfaces. It is not recommended to use it on a slope of more than 5°: if you must use a ramp, it is advised that a second person assists you.
- It can be used in damp rooms such as bathrooms and toilets. It is not designed to be used in a shower.
- Never recharge the batteries of a patient lift near a bath or shower.

General safety instructions

1. Use the patient lift only for its intended purpose, in compliance with current legislation for medical devices, applicable legal requirements, occupational safety regulations, and accident prevention.
2. Note that the patient lift is a medical device, so its user is required to comply with the directive on the use of medical devices.
3. The electrical installation requirements of the room or area where the patient lift is used must meet current technical standards.
4. Use the patient lift only after being trained in its operation and with full understanding.
5. Before first use, read the complete user manual to avoid damage due to improper handling or exposure to risks. The manual contains important information and notes necessary for using the patient lift.
6. Use the patient lift only in accordance with this manual. It can be consulted at any time via the QR code on the mast. Keep the manual carefully for future reference in case of questions. Attach this manual to the patient lift if ownership changes.
7. Before each use, check that the patient lift and its accessories are in working order and in perfect condition.
8. Before using the patient lift with other medical or non-medical devices, check that the combination of these products is authorized and that they can be used together safely.
9. Assembly, set up, maintenance, and repair of the patient lift must be entrusted only to competent specialists.
10. It is the responsibility of the user or operator to ensure (by appropriate measures and instructions) that mechanical stress on the charging cord (by bending, pulling, shearing, crushing) is prevented during charging or cleaning of the unit. This also applies to the power cables of other devices used with the patient lift.
11. Observe the operating time and the maximum permissible load. These values must not be exceeded, otherwise safe operation can no longer be guaranteed.
12. Do not expose the patient lift to direct sunlight, heat, or humidity.
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 disturbances between the patient lift and other devices cannot be ruled out. If there is a risk of such disturbances, the source of the disturbance must be moved away or the patient lift must not be used.
17. Disturbances caused by the use of portable communication devices cannot be completely excluded. Therefore, a safety distance of at least 3.3 m must be maintained to ensure the safe operation of the patient lift.
18. Do not allow children to remain unsupervised near the patient lift.
19. The patient lift must no longer be used if abnormal noises, damage, or any other malfunction occurs. In this case, do not connect the patient lift to the charger, but inform NAUSICAA MEDICAL.
20. If it is damaged or defective, the patient lift must no longer be used and must not be connected to the mains. Inform the dealer to have the defect or failure remedied.
21. Any serious incident related to 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.

Safety instructions before first use

Follow the safety instructions below before each patient transfer:

- The caregiver must have the necessary knowledge to select and use an appropriate lifting sling.
- Check the compatibility between the spreader bar of the patient lift and the sling before using the lift.
- Check the maximum load of the device and the sling.
- Check the size and model of the sling according to the patient's body shape.
- Check the condition of the sling before each use. The sling must not have any tears in the fabric or damaged seams.
Check if the correct attachments have been fastened. All sling loops have 3 different levels: long (green) - medium (yellow) - short (red). Each pair of loops must only have the following attachment combination: long (green), medium (yellow), short (red).
- Check if all the loops are attached to the spreader bar hook.
- Lock the wheels of the wheelchair or medical bed to safely lift and lower the patient. Leave the patient lift's casters in the unlocked position.
- Make sure the transfer distance is as short as possible and never leave the patient suspended without supervision.
- Observe the patient's behavior during the transfer. Sudden movements by the patient or obstacles may cause hazards.
- Lift the patient to the required height.
- Keep the 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 (patient lift + sling): seams, condition of the straps, and fabric.
- It is strictly forbidden to move and transport the patient while suspended when a SCALE is mounted on the spreader bar.

Safety instructions before first use



Before use, check that the remote control and actuator are properly connected to the control unit (page 26). Check the condition of the control box and the battery.



Check that the battery is charged using the display located on the battery. Pressing and holding the BATT button displays the charge level.



Check that the actuator is properly secured.

Safety instructions before first use

Braking device:

The brakes are an important safety feature of the patient lift. The rear wheels are equipped with brakes that allow you to lock the wheel by pressing the red pedal on the wheel with your foot until it stops (wheel with brake engaged). To unlock the wheels, push the red pedal upwards (wheel with brake released).

When locking your patient lift, always make sure
that both wheels are locked.

Be careful when using the device on a sloped floor; both rear wheels must be locked to prevent the
risk of the device moving or tipping over.

Front wheel not braked



Rear wheel braked



Using the device

Patient 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 provide caregivers with the most appropriate solution for basic patient transfer tasks: lifting and repositioning.

Patient lifts are intended for the transfer and transport of a patient with reduced mobility caused by a condition or disability. They must be used by a caregiver with an appropriate sling.

It is important to select a sling that is suitable for the patient according to their condition and body shape. Using appropriate equipment significantly reduces the risk of injury to both the patient and the caregiver.

The use of a patient lift requires an assessment of the patient's physical capacity.

The following transfers can be performed with Nausicaa Medical patient lifts:

- Transfer from a chair to a bed
- Transfer from a bed to a chair
- Transfer of the patient from the floor



Using the device

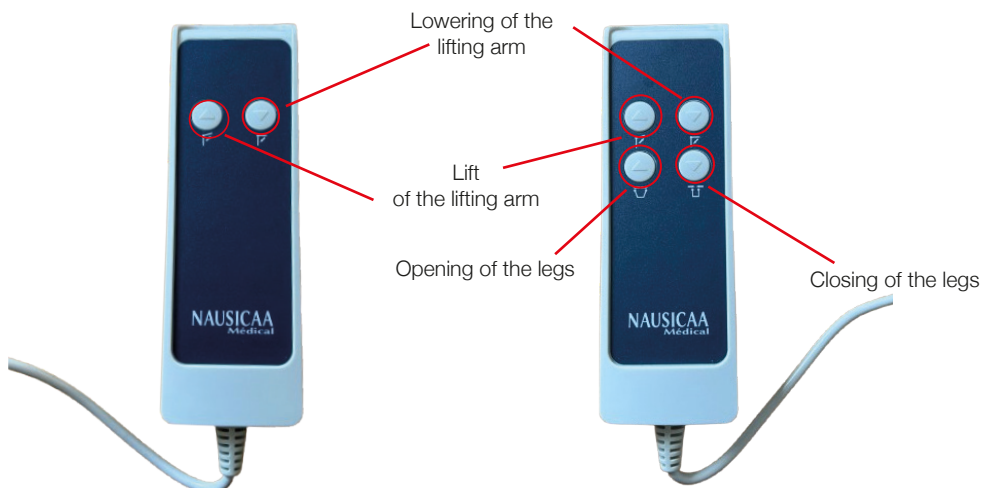
1. If the patient is lying on their back, turn them onto their side so that their back is facing you.
2. Fold the sling in half lengthwise.
3. Place the sling with the folded side on the patient's back. In doing so, the NAUSICAA logo and labels should be facing down. Make sure the lower edge of the back part of the sling is at the coccyx and the upper edge is at the patient's shoulders.
4. Turn the patient onto the sling on their other side.
5. Pull the folded half of the sling under the patient and position it correctly.
6. Turn the patient onto their back.
7. The patient is lying correctly on the sling if their back is completely on the dorsal part of the sling and the leg straps are next to their thighs.
8. Now raise the backrest part of the medical bed until the patient is almost sitting upright.
9. Fold both leg supports from the outside to the inside around the patient's thighs.
10. Position your patient lift so that the spreader bar hooks are slightly above the patient's eye level. Make sure there is enough space between the patient's head and the spreader bar of the lift.
11. Before attaching them to the spreader bar, make sure that the shoulder hooks as well as the leg hooks are at the same height and symmetrical.
12. Ensure that the shoulder hooks of the sling are correctly positioned on the outer hooks of the spreader bar.
13. Then, cross-attach the leg hooks onto the inner hooks.
14. Raise the lifting arm of the patient lift until the shoulder and leg hooks are taut. Now check if the sling is properly attached.
15. You can now lift the patient. Use the maneuvering handle located on the upper edge of the back part of the sling for easier positioning.
16. Perform the reverse operation to remove the support element

Use of the motorization



Remote control for mechanical ECP version

Remote control for electric ECP version



Use of the motorization

Switching on/off the control box:

- To turn on the control box, turn the emergency stop button a quarter turn to the right. The LCD screen will then display, indicating the battery charge level.
- Press the emergency stop button **after use** or **in case of imminent danger**.

Lift / lower:

- Continuous pressing of the lift or lower button operates the arm. Releasing the button stops the movement as well as when a high or low end of travel is reached.

Opening / closing of the legs (ECP version):

- Continuous or prolonged pressing of the open or close button operates the device's legs. Releasing the button stops the movement as well as when an open or closed end of travel is reached.

Charging the battery:

The battery pack is charged directly via the control box. To do this, plug the power cord (a) into the power outlet.



Removal / replacement of the battery:

Wall chargers are sold as optional equipment.

To remove the battery, press the gray button and pull the pack upwards (1).

To replace the battery, keep the gray button pressed and position the pack starting from the bottom, then release the gray button to snap the upper part into place (2).



Use of the sling

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

To select a sling, the caregiver must take into account the following 3 factors:

- the patient's height
- the patient's weight
- the patient's waist circumference for slings with chest plates

All our models are class I medical devices, they adapt and are compatible with all patient lifts with an equivalent attachment system (certificate of compatibility available on request).

FABRICS

Depending on the sling model, we offer you two types of polyester fabrics: JERSEY

: very easy to handle, provides optimized and comfortable support.

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

Weight / Size	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	2 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

IMPORTANT RECOMMENDATIONS

- In order to ensure maximum efficiency when using the products in this range, it is essential to:
 - choose the appropriate size according to the patient
 - adjust the product as best as possible on the patient
- These products must not come into direct contact with damaged skin.
- Read the instructions for use before using the slings and carry out the checks mentioned before each use.
- Before transferring a patient with the patient lift, make sure that the sling is properly attached to the four hooks of the spreader bar of the lift.
- Sling lifespan: 3 years.

Use of the sling

Read the instructions for use before using the slings.

The backrest straps must be attached to the same color.

Never change the sling attachment settings on the spreader bar of the lift when a person is in the sling.

Before transferring the patient, make sure that the sling is properly attached to the spreader bar.

ISO STANDARD 10535:2021 ON THE PERIODIC INSPECTION OF SLINGS

B.2.4 Inspection of body support elements (= slings)

A periodic inspection of the flexible support element should be carried out at the frequency specified by the manufacturer, at least twice a year.

It may be necessary to carry out more frequent inspections when a flexible support element is used or cleaned more often than usual.

Inspections should be carried out by a person with the required qualifications who is familiar with the model of the support element, as well as its use and maintenance procedures.

The inspection should allow for the detection of signs of deterioration, wear, or failure potential, and to check the legibility of the labels.

The inspection report should be kept in a secure place so that it can be consulted in case of an incident.

This report should include the following information:

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

POSITIONING OF ATTACHMENTS

The backrest and thigh support straps must be attached to the same color.



Sitting position:

- Short upper attachments at shoulder level
- Long lower attachments, crossed between the legs



Sitting position:

- Middle upper attachments at shoulder level
- Long lower attachments

Use of the sling



Semi-sitting position:

- Middle upper attachments at shoulder level
- Long lower attachments, uncrossed between the legs

For transfers in the lying position or floor pickups, it is always necessary to use a sling with a headrest or to add a removable headrest to the sling.

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



THIS MEDICAL DEVICE MUST BE USED OR TRAINED ON BY A HEALTHCARE PROFESSIONAL

Picking up the patient from the floor

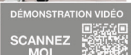
Our Nausify patient lift allows you to perform a floor pickup. The slings to use are:

- Hammock slings
- U-shaped slings



When performing a floor pickup, you should:

- Secure the patient's neck using a rigid headrest or a headrest with attachments.
- If you do not have a headrest, you must support the patient's neck with your hand.
- The patient's head must be opposite the mast, thus avoiding impacts during lifting.
- To facilitate the passage of the patient lift's legs, they must be spread apart, the first one along the body and the second under the fold of both knees.
- **Be sure to check that the strap does not catch on the base of the jack at the start of**



Use of the sling

	RECOMMENDED SLINGS FOR THE TRANSFER		Recommended slings for toileting and placing on the toilet. Cannot remain under the patient.
	HAMMOCK SLING (Can remain under the patient)	U-SHAPED SLING (Cannot remain under the patient)	
Loss of lower limb tone with trunk support and with head support	Hammock slings	U-shaped slings Quick-adjust U-shaped slings	Toileting sling Comfort toileting sling Quick transfer U-shaped sling
Loss of lower limb tone without trunk support and with head support	Hammock slings	U-shaped slings Quick-adjust U-shaped slings	Toileting sling Comfort toileting sling
Loss of lower limb tone without trunk support and without head support	Hammock slings with headrest option	U-shaped slings with backrest Quick-adjust U-shaped slings with headrest option Ergonomic U-shaped sling	
Amputee patient	Hammock sling without crossing		
Agitated/anxious patient	Hammock sling without crossing	Wrap-around U-shaped sling U-shaped sling with backrest	
Spastic patient	Hammock sling without crossing with option headrest	U-shaped slings with backrest Quick-adjust U-shaped slings with headrest option Ergonomic U-shaped sling	Toileting sling with headrest option Comfort toileting sling Quick-adjust U-shaped sling
Physically and mentally dependent patient	Hammock slings	Wrap-around U-shaped sling U-shaped slings with backrest Quick-adjust U-shaped slings with headrest option Ergonomic U-shaped sling	
Contraindication for hip constrictions	Hammock sling without crossing	Quick transfer sling	Quick transfer sling

Use of the sling

Patient position

Lors du choix de la sangle, il est important de prendre en compte les différentes positions de transfert possible afin de s'adapter à la pathologie du patient.

On distingue 3 positions possibles :

- Position assise (90°)
- Position semi-assise
- Position semi-allongée

			
	POSITION ASSISE (90°)	POSITION SEMI-ASSISE	POSITION SEMI-ALLONGÉE
Type de Patient	Patient peu dépendant avec un tonus correct	Patient plus dépendant avec tendance au basculement vers l'avant	Patient très dépendant à très faible tonus
Cadre d'Utilisation	Idéal pour un transfert à partir d'un fauteuil à dossier fixe à 90° 	Idéal pour un transfert à partir d'un fauteuil inclinable 	Idéal pour un transfert à partir d'un fauteuil coquille incliné ou d'un lit 
Sangles Recommandées	Sangle en U éco Sangle en U Sangle à réglage rapide Sangle de transfert rapide Sangle de toilette Sangle ergonomique Sangle en U enveloppante Sangle à dossier	Sangle de toilette éco Sangle hamac éco filet Sangle hamac sans croisement	Sangle hamac

Reuse

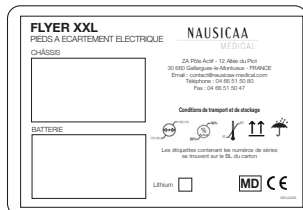
This product can be reused.

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

- Preventive maintenance and safety checks
- Cleaning and maintenance

Labeling

Labeling on the box



1

FLYER XXL

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2



CONSIGNES DE SECURITE - avant chaque usage

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- Vérifier le parfait état de l'élément de soutien (sangle).
- L'élément de soutien (sangle) ne doit jamais être utilisé pour déplacer l'appareil.
- Vérifier le parfait état de la sangle de traction (gamme EASYLEV).
- Vérifier la présence et le bon état des dispositifs de sécurité : tous les axes et leurs maintiens (goupilles, clips ou boulons), et le bon serrage de la visserie (voir le manuel d'utilisation).

NE PAS UTILISER L'APPAREIL EN CAS DE MANQUE OU DE MAUVAIS ETAT.

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V02.10/23

3



ENTRETIEN BATTERIE

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UNE BATTERIE MAL ENTRETENUE SE DETEIORE.

- Recharger au maximum et régulièrement la batterie.
- Elle doit être utilisée et conservée à des températures comprises entre 5°C et 40°C.
- Il faut contrôler le chargeur si la batterie ne fonctionne plus.
- Réaliser de petites charges incomplètes réduit la durée de vie de la batterie.

BATTERIE PLOMB

- Recharge complète 2 fois par semaine en usage à domicile.
- L'état de la batterie dépend de la bonne gestion de sa charge.

BATTERIE LITHIUM

- Peut être rechargé aussi souvent que souhaité.
- Si l'indicateur de niveau de charge reste éteint, recharger la batterie.

V03.10/23

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4

Poids maximum
Maximum weight
Maximale tragfähigkeit
Peso maximo
Peso massimo

260 KG



5



6



7

QR CODE

Referring to
the manual
of use



Cleaning and maintenance

TARGET:

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

BEFORE ANY HANDLING:

- Unplug the mains power cable.
- Check that all electrical components are connected to each other.

CLEANING PROCEDURE:

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

DAILY MAINTENANCE / BETWEEN EACH PATIENT:

- Unplug the cable from the mains power supply.
- Clean using a surface product.
- Clean the actuator housing and cables if they have been exposed to bodily fluids, especially urine.
- Clean and then disinfect all parts in direct contact with the patient
- Specific maintenance by service providers after removal of the patient lift from the facility:
 - Bio-cleaning operation.
 - Steam cleaning of the various flat surfaces. Change the cleaning surfaces regularly to avoid any water load. Steam cleaning of hard-to-reach areas. For tubes, use steam with a microfiber cloth. Do not direct steam directly onto electrical boxes.

COMPLETE CLEANING AND DISINFECTION:

- Unplug the cable from the mains power supply.
- Clean the entire chassis of the device with a pre-disinfectant detergent.
- Clean the motor with a cloth slightly dampened with a pre-disinfectant detergent solution (Never clean the device, especially the electrical system, with a high-pressure cleaner, water hose, or similar.)
- Proceed with disinfection of the device (by spraying surface disinfectant or misting disinfectant solution, for example), making sure to respect the contact times of the product used.

MAINTENANCE AFTER CLEANING AND DISINFECTION:

- Unplug the cable from the mains power supply.
- Check that the device shows no visible damage.
- Check that no parts are missing.
- Check the proper functioning of the wheels and that nothing is affecting their rolling (hair, etc.).
- Check the proper functioning of the controls as well as the connection of the remote control and actuator to the battery block.
- Clean the sockets and control buttons with a dry cloth, or with a damp cloth if necessary (Never clean the device, especially the electrical system, with a high-pressure cleaner, water hose, or similar.)
- Check the integrity of the electrical cables (actuator and remote control).

WARNING:

- **The detergents used must have a neutral pH.**
- **Avoid abrasive products and solvents, as they could damage the surface condition of the device.**

Preventive maintenance and safety checks

Type of patient lift: FLYER XXL

Chassis serial number:

Maintenance must be carried out by trained personnel.

Checking safety points (frequency: depending on use, at least once a year):

This check is done visually; any sign of damage must result in replacement.

COMPLIANT NO
COMPLIANT DATE OF CHANGE

1	Attachment of the spreader bar (grooved shaft under the latch), condition of the plastic washer.			
2	Attachment of the lifting arm / mast (bolted)			
3	Attachment of the lower actuator clevis (bolted) top and bottom			
4	Attachment of mast / base (bolted)			
5	Attachment of the foot spreader pedal or electric actuator (grooved shaft + latch)			
6	Attachment of the wheels (bolted)			
7	Attachment between the base and the feet (bolted)			
8	Condition of the structure (welds, joints, oxidation)			
9	Checking the presence and legibility of labels			
10	Attachment between the spreader bar and the LOAD CELL (if LOAD CELL is mounted on the			

Checking electrical functions

(frequency: depending on use, at least once a year):

This check is carried out with the patient lift under load.

COMPLIANT NO
COMPLIANT DATE OF CHANGE

A	Operation of the lifting/spreading cylinder			
B	Operation of the emergency stop			
C	Battery status (charge retention)			
D	Remote control status			

Checks carried out on:	Checks carried out by:	Scheduled date of next check:

Checkpoints



Periodic lubrication: use a “3 in 1” product or similar

-
- Diagram of a mobile medical device, possibly a patient transfer or positioning system, with numbered callouts:
- 1: Upper arm/boom
 - 2: Joint/connector
 - 3: Lower arm/boom
 - 4: Motor/actuator
 - 5: Base plate
 - 6: Casters/wheels
 - 7: Side rail/extension
 - 8: Base plate





NAUSICAA

CENTRE D'ÉTUDES

39 SAIGON, QU. 01
 VES.0625

MAINTENANCE PREVENTIVE LEVE-PERSONNE

Date d'intervention : ____/____/____

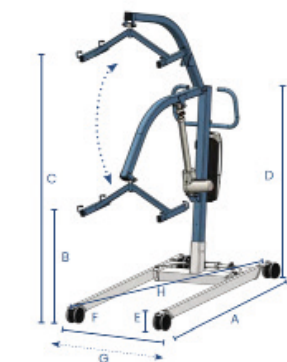
Cachet du prestataire de service :	Nom et prénom de l'intervenant :		
Nom du référent établissement :	Nombre de chambre(s) :		
Marque : Modèle : N° d'équipement : N° série (s'il y a) :	☐ Matériel neuf ☐ Matériel appartenant à l'établissement		
Description	Conforme	Non conforme	Diagnostic
Vérification de la suspension du lit/au (pour la protection incendiaire) (à l'art de vérifier l'état de leur câble, les Serrures de leur pied et leur ancre de fixation du fillet et de la présence de la vis de serrage de l'entretoise entre l'axe à grappe et le fillet).			
Vérification de l'assemblage vis / tige de levage			
Vérification de l'assemblage vis / tige			
Vérification de l'assemblage mât / tige de levage			
Vérification de l'assemblage mât / tige			
Vérification de l'axe assemblage mât / tige			
Vérification de l'assemblage mât / grappe soignée			
Vérification du système d'entraînement des chaînes			
Vérification de l'assemblage de la chaîne du câble enroulé ECP			
Vérification des assemblages des passifs droit et gauche			
Vérification de la fixation des chaînes			
Vérification de l'axe de la structure et de la peinture			
Vérification du fonctionnement du câble de levage			
Vérification de la télécommande (fonctionnement et état)			
Vérification du bouton de contrôle manuel d'urgence (chargeur...)			
Vérification de la batterie (type 2, type contrôlée)			
Optionnelle : Vérification du fonctionnement du câble ECP			
Observations : • a-t-elle mauvaise utilisation du client • autre • défaut constaté sur le"			
Passer un corde de levage contrôlé à la charge maximale du leve-personne.			
Mettre entre le lit et le PEGCE le PEGCE (montre sur l'appareil)			
Signature prestataire :	Cachet établissement :		

Technical characteristics



- Steel frame
 - Laser-cut and bent sheets, tubes and profiles
 - Oven-cured epoxy paint
 - Ball bearing wheels
 - Lifting Actuator maximum strength : 12 000 N
 - Total weight: 46 kg
 - Weight of the heaviest part: 5.5 kg
 - Maximum load: 300 kg
 - Product lifespan: 8 years* (excluding electrical parts)
- * Subject to regular maintenance

Dimensional characteristics



Dimensions

- A.** Total length: 1250 mm
B. Minimum usable height: 550 mm
C. Maximum usable height: 1820 mm
D. Total height: 1250 mm
E. Chassis height: 110 mm
F. Minimum base width: 730 mm
G. Maximum base width: 1050 mm
H. Turning diameter: 1430 mm

**For all spare parts requests, contact
the after-sales service:**

Stand Assist & Patient Lifters

Phone: +33(0)4 66 71 71 80

Email: sav@nausicaa-medical.com

Motorization technical characteristics

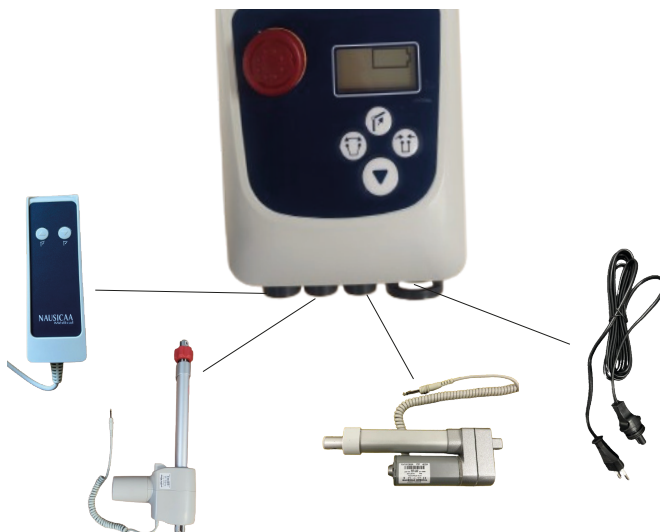
- Removable battery pack
- Digital autonomy display
- Emergency stop button
- Electric safety descent
- Independent wall charger (optional)
- 4-function remote control
- Compliant with EN 60601-1 standards
- Low voltage DC motor 24V=
- Power 24 V/120 VA
- Maximum thrust force: 10,000 N
- Maximum thrust force of the leg spread actuator: 3,000 N
- Stroke: 29 cm
- Electronic overload protection
- Protection class: II
- Types of protection:
 - Remote control: IP65
 - Control box: IP54
 - Battery pack: IP65
 - Actuator: IP55
- End-of-stroke stops by contactor
- ABS housing
- Remote control with coiled cable, low voltage 24V =
- Overload protection by thermal cut-outs
- Sound level: less than 55 dB at 1 meter
- Electromagnetic compatibility: compliant with EN 60601-1-2 standard



Device for
class II



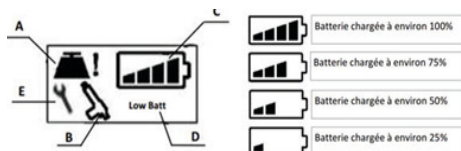
Wiring diagram



Motorization technical characteristics

Control box display:

The control box has a display that allows various information to be communicated to the user:



A- Overload indicator: The load to be lifted is too heavy and may damage the device and endanger users. It is necessary to relieve the patient lift.

B- Abnormal usage duration indicator: The stand-up lift has been used for too long compared to its inactivity time. This is a safety feature intended to protect the integrity of the patient lift. The intended duty cycle is 10% operating time for 90% rest time. Let the device rest before attempting to reuse it.

C- Battery level indicator.

D- Low battery level indicator. Risk of battery damage, which must be recharged before any further use. An audible signal warns the user as soon as the battery reaches 25% of its charge.

E- Maintenance or actuator replacement indicator. The device has been used for a total of 600,000 seconds, or about 10,000 cycles. A general overhaul of the entire device is necessary.

Troubleshooting guide

Symptoms	Causes	Solutions
The device, when not loaded, does not always descend.	Our devices need to have weight applied to them in order to descend.	Press down on the lifting arm while pressing the descent button on the remote control.
The moving parts of the device are stiff, the device is hard to handle.	This is due to a lack of lubrication of the moving parts.	Lubricate the moving parts.
The actuator does not work but a "click" is heard in the control box control when pressing the remote control.	1. The batteries are discharged. 2. The actuator cable is not connected. 3. The actuator cable is damaged. 4. The actuator or the control box are damaged.	1. Charge the device. 2. Plug in the actuator cable. 3. Replace the actuator; 4. Have the entire unit serviced electrical.
The actuator does not work but no "click" is heard in the control box when pressing the remote control.	1. The emergency stop button is pressed. 2. The battery is discharged. 3. The remote control cable is not plugged in. 4. The cable of the remote control is damaged. 5. The electrical system as a whole is damaged.	1. Turn the button to unlock it. 2. Check the condition of the charger then charge the battery. 3. Plug in the remote control. 4. Replace the remote control. 5. Have the entire unit serviced electrical.
The actuator stops.	1. The battery is discharged (sound system plus indication "low battery" on the screen). 2. The device has been used for too long. 3. The weight lifted by the device	1. Check the condition of the charger then charge the battery. 2. Let the device rest for a while (protection for the actuator's lifespan). 3. Reduce the weight.
The actuator does not go up or down anymore.	1. The control box is faulty. 2. The remote control is faulty.	1. Have the control box serviced of control. 2. Replace the remote control.

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

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

• **Article 2:** The warranty entitles you to free labor as well as the replacement at no cost of parts found to be defective.

• **Article 3:** The outbound shipping of the device, as well as all related costs, are the responsibility of the reseller. The goods always travel at the risk and under the responsibility of the reseller.
Under warranty: the return costs after intervention will be borne by NAUSICAA Médical S.A.S.
Out of warranty: the return costs are at the reseller's expense whether or not they accept the repair estimate.

• **Article 4:** The warranty does not apply if the claims result from:

- an accident, misuse of the device, or negligence by the buyer.
- transportation of the device carried out without adequate protection.
- a modification or transformation not validated by NAUSICAA Médical S.A.S.
- the impact of external agents (natural disaster, fire, shocks, humidity, flooding, lightning, etc.).
- installation and/or use in a manner not compliant with technical and safety standards in the event that the device operates in a country other than the country of purchase; and/or if the power supply is not suitable for the operating voltage of the device.
- a lack of regular maintenance.

• **Article 5:** The reseller cannot claim the benefit of the warranty:

- if the serial number of the device has been removed, modified, or made illegible.
- if the device under warranty has been modified without the approval of NAUSICAA Médical S.A.S.

• **Article 6:** During the repair of defective equipment, no loan of equipment will be made.

• **Article 7:** Any warranty claim must be made through the reseller. If this is not possible, the buyer may possibly send their equipment directly to NAUSICAA Médical S.A.S. In this case, the buyer must include with the equipment a letter stating the reseller's contact details and a copy of the purchase invoice.

• **Article 8:** The sending of spare parts under warranty will only be done after consultation with the After-Sales Service of NAUSICAA Médical S.A.S.

Please note that defective spare parts must be returned to the After-Sales Service of NAUSICAA Médical S.A. or they will be invoiced 1 month after the parts are sent by NAUSICAA Médical S.A.S.

• **Article 9:** Defective parts replaced under or out of warranty will themselves be guaranteed for 6 months from the date of repair or the sending of spare parts.

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

NAUSICAA

MEDICAL

Head Office Sales Department

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Your contact: