NAUSICAA
Medical

STAND-UP LIFT: WAYUP 4

MADE FROM STEEL
WEIGHT CAPACITY : 150 kg
CLASS 1 MEDICAL DEVICE

CONFORM TO STANDARD NF EN ISO 10535 : 2007

wayUP 4

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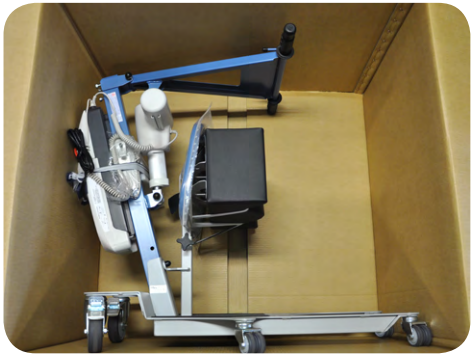
BEFORE USING YOUR STAND-UP LIFT, IT IS NECESSARY TO CHECK :

- The wheels turn and roll normally.
- The rear wheels function correctly.
- There is no wear or deformation on the hooks.

WARNING :
- To preserve the inserts, do not overtighten.
- Assembly is done with the brakes locked.

Step 1 :
- Remove the unit from the box.

1



Step 2 :
- Retrieve the handlebar and the footrest.

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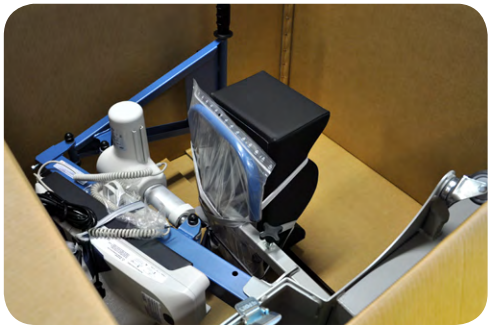


Assembling Instructions

Step 3 : Assembling the handlbar on the mast
- Fix the handlebar mast with three Allen head bolts 6 M8.

3

Equipped with a 3 functions footrest

1-Heel block: prevents heels detachment thus avoiding the patient to rest on his knees.

2-Trendelenburg: raise the patient's heels to stimulate the natural scheme of raising.

3-Reverse Trendelenburg: tilts the patient's body slightly backward to prevent the sling from going up.

1

2

3

DIRECTIONS FOR USE :

- Your stand-up lift is designed to lift people, do not use it for other purposes.
- Check that the patient's weight does not exceed the maximum weight that can be raised by the stand-up lift.
- Do not force the controls and features of the stand-up lift, they are all easy to use and do not require strength.
- Operate the stand-up lift by pushing the handles, never by pushing the patient.
- The stand-up lift must be handled with care when a patient is transferred and at a speed appropriate to the situation.
- Operate the stand-up lift on flat and smooth surfaces. It is not recommended to be used on a slope of more than 5 °. If you are forced to move on a ramp, it is recommended that a second person helps you. Do not use an electric stand-up lift in a shower.
- Do not recharge the batteries near a bath or shower.

Preventive Maintenance & Security Controls

Stand-Up Lift: WAYUP 4

Serial Number :

Control of security points (Frequency: depending on use, recommended every three months.
This is a sight control : any wear trace must lead to a replacement.)

		GOOD	WRONG	DATE OF CHANGE
1	Connection head of the actuator (bolted)			
2	Connection base of the actuator (bolted)			
3	Connection head of the mast (bolted)			
4	Locking base of the mast			
5	Fixing of the castors (bolted)			
6	Sliding of the sub-patellar support (adjustable knob)			
7	State and sticking of the anti-slip material			
8	Fixing of the mast handle			
9	Overall state of the device (welds, joints, oxidation)			

Control of electrical functions (Frequency: depending on use, at least once a year) this control must be carried out when the hoist is loaded.

		GOOD	WRONG	DATE OF CHANGE
A	Operation of the actuator			
B	Operation of the emergency system			
C	Batteries status (charge holding)			
D	Handcontrol status			

Inspection carried out on :	Inspection carried out by :	Date of the next inspection :

Preventive Maintenance & Security Controls

Control of security points (Frequency: depending on use, recommended every three months.
This is a sight control : any wear trace must lead to a replacement.)

1 → Connection head of the actuator (bolted)

2 → Connection base of the actuator (bolted)

3 → Connection head of the mast (bolted)

4 → Locking base of the mast

5 → Fixing of the castors (bolted)

6 → Sliding of the sub-patellar support (adjustable knob)

7 → State and sticking of the anti-slip material

8 → Fixing of the mast handle

9 OVERALL STATE OF THE DEVICE (WELDS, JOINTS, OXIDATION)

THESE CONTROLS CAN BE CARRIED OUT WITHOUT LOAD

→ Periodical Greasing

General Safety Guidelines

1. Use the Stand-Up Lift only for its intended purpose, in accordance with the legislation for medical devices, the regulations for labor protection and accident prevention, as well as the generally recognized rules of technology.

2. Note that the Stand-Up Lift is a medical device, therefore the user is required to comply with the directive on the use of medical devices.

3. The requirements for the electrical installation of the room or area where the Stand-Up Lift is used must meet the current state of the technology.

4. Using the Stand-Up Lift only after being trained for its handling.

5. Before using the device, please read the complete User Manual in order to avoid damage due to improper handling or exposure to risks. The User Manual contains important information and notes required for the Stand-Up Lift use.

6. Use the Stand-Up Lift in accordance with this User Manual only. Keep the User Manual for future reference in case of questions. Join this User Manual to the Stand-Up Lift in case of change of ownership.

7. Before any use, it must be ascertained whether the Stand-Up Lift and its accessories are in working order and in impeccable conditions.

8. Before using the Stand-Up Lift with other medical and non-medical devices, check that the combination of these products is allowed and can be used together safely.

9. Assembly, commissioning, maintenance and repair of the Stand-Up Lift should be entrusted only to specialists.

10. It is up to the user or operator to ensure (through adequate measures and instructions) that mechanical stress of the charging cord (through bending, tension, shear, crushing) is excluded during loading or cleaning of the part. This also applies to the electrical cables of other devices used with the Stand-Up Lift.

11. Respect the activation duration and the maximum weight capacity. These values must not be exceeded, otherwise the Stand-Up Lift safe operation is no longer guaranteed.

12. Do not expose the Stand-Up Lift to direct sunlight or heat.

13. Ensure that no moisture enters the electrical system.

14. Avoid mechanical stress on electrical cords. Pull, bend or crush the cords may damage them.

15. Charge batteries in a well ventilated area.

16. Electromagnetic interferences can not be excluded from the Stand-Up Lift and other devices. If there is a risk of such interference, the source of interference must be removed or the Stand-Up Lift should not be used.

17. Disruptions caused by the use of portable communication devices can not be completely excluded. This is why a safe distance of at least 3 meters must be kept in order to ensure the functioning of the Stand-Up Lift safely.

18. Do not leave unattended children stand near the Stand-Up Lift.

19. The Stand-Up Lift should not be used as soon as abnormal noises, damages or any other malfunctions occur. In this case, do not connect the wall charger to the Stand-Up Lift and inform us.

20. If damaged or defective, the Stand-Up Lift should not be used and should not be connected to the direct current. Inform the dealer to remedy the default or failure.

Technicals & Dimensionals Characteristics

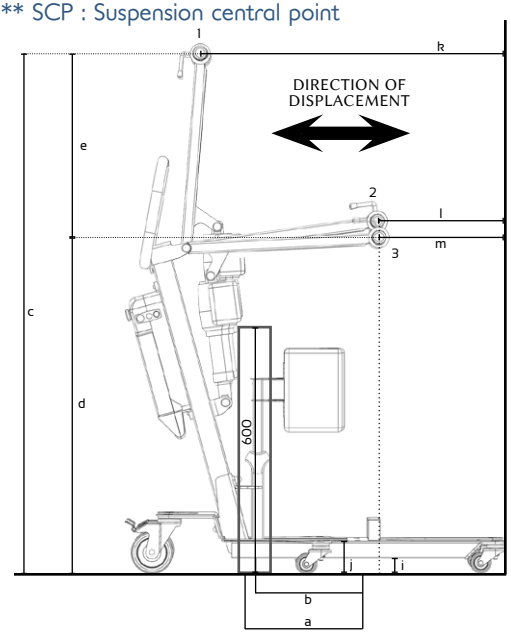
- Frame made in steel
- Laser cutting and bending sheet metal, tubes and profiles
- Epoxy baked painting
- Ball bearing castors
- Total weight : 28 kg
- Weight capacity : 150 kg
- Lifespan : 8 years (except electrical parts)

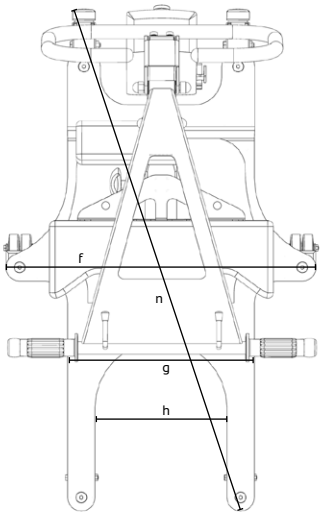
CE

* SCP : Suspention central point

		Dimensions (in mm)
1	Highest Position	/
2	Maximal Reach Position	/
3	Minimal Reach Position	/
a	Maximal Reach at 600 mm	335
b	Maximal Reach at the Base	310
c	Maximal Height of the SCP	1250
d	Minimal Height of the SCP	845
e	Lifting Lenght	405
f	Maximal Internal Width	565
g	Internal Width at the Maximal Reach	340
h	Minimal internal Width	240
i	Minimal Distance from Floor	34
j	Base Height	77
k	Minimal Distance Between the Wall and the SCP at its Maximal Height	736
l	Minimal Distance Between the Wall and the SCP at its Maximal Reach	310
m	Minimal Distance Between the Wall and the SCP at its Maximal Height	310
n	Maximal Diameter	890

** SCP : Suspension central point





Spare Parts

REFERENCES	DENOMINATIONS
FRAME	
WP-BRS2	LIFTING ARM WAYUP
WP-PGN	LIFTING ARM GRIP HANDLES (set of 2)
WP-RP3F	3 FUNCTIONS FOOTREST FOR WAYU
AX-CTB	SHIN BLOCK SHORT SUPPORT (without foam)
WP-MASR	SUB-PATELLAR FOAM SUPPORT FOR STAND-UP LIFT
WP-GM	HANDLEBAR
WP-ADAD2	NON-SKID (2 batches of 2 pieces, 2 right and 2 left)
WP-RNFRD100	BLACK SIMPLE CASTOR WITH RED BRAKE DIAMETER 100mm (ball bearing)
WP-RND50	BLACK TWIN CASTORS DIAMETER 50mm (ball bearing)
WP-BPGA9006	GREY SPRAY PAINT «ALUMINIUM 9006»
WP-BPBA	BLUE ATLANTE SPRAY PAINT
MOTORIZATION	
VSTLCM	2 FUNCTIONS REMOTE CONTROL
VS-CRTL	REMOTE CONTROL HOOK
VSTLCM-FA	2 FUNCTIONS REMOTE CONTROL ADHESIVE FRONTAGE
VS-BCAM	REMOVABLE BATTERY PACK (with 2 internal batteries 5A/12V) WITH LOAD DISPLAY AND BALANCING
F3-BT2IN	SET OF 2 INTERNAL BATTERIES 5A/12V
VS-BCAM-CAR	BATTERY PACK COMPLETE CASING
VS-BCAM-KCRT	2 ELECTRONIC BOARDS SET (display and balancing) FOR BATTERY PACK VS-BCAM
VS-BCAM-KCFC	CONNECTION KIT WITH FUSES FOR BATTERY PACK VS-BCAM OU VS-BCAM-SMP
VS-BCAM-FAE	BATTERY PACK ADHESIVE FRONTAGE DISPLAY FOR VS-BCAM
VS-BCAM-CR	BATTERY PACK HOOK FASTENING
VSBCC	2 FUNCTIONS CONTROL BOX (without battery pack)
VS-BCC-CCC	CONTROL BOARD WITH LOADING SYSTEM FOR 2 FUNCTIONS CONTROL BOX
VS-BCC-BA	CONTROL BOARD WITH DISPLAY FOR 2 FUNCTIONS CONTROL BOX
VS-KCNF	CONNECTION KIT WITH FUSES FOR CONTROL BOARD VS-BCC-CCC AND VS-BCC-CCC-ECP
VS-BAUR	COMPLETE EMERGENCY STOP BUTTON
VS-BCH	CONTROL BOX POWER CORD INPUT PLUG
VS-CRD	POWER CORD
VS-ERL	POWER CORD REWINDER HOOK (set of 2)
VSWP-VRN	8000N LIFTING ACTUATOR LIFTING STROKE 110mm
VS-WP-VRN-CHT	HEAD SCREED FOR WAY UP ACTUATOR
VS-VRN-8-CEMB	8000N LIFTING ACTUATOR BASE SCREED (all models)
VS-VRN-8-CAR	8000N (all models) AND 3000N (VSNLV-VRN) LIFTING ACTUATORS COMPLETE CASING
VS-VRN-6-8-CRD	6000N AND 8000N LIFTING ACTUATORS CORD (all models)
VS-CMB	WALL CHARGER FOR BATTERY PACK

Cleaning & Maintenance

BEFORE ANY HANDLING :

• Disconnect the AC power cord.
• Check that all electrical components are connected to each other.
• Clean electrical enclosures of the actuators and of the handsets, if they have been soiled by body fluids, especially urine.

OBJECTIVE :

• Repair the stand-up lift and prevent the transmission of germs from one patient to another.
• Remove any organic soil by mechanical action (cleansing) or chemical action (disinfection).

CLEANING PROCESS :

• Clean the surfaces with a wet cloth by using an apropriate detergent.
• A regular cleaning is recommanded.

WARNING :

• The detergents used must have a neutral pH.
• Avoid the abrasive products and solvent, they could damage the device surface state.

DAILY MAINTENANCE:

• By means of a product applied on the surface in one operation.
• After the patient's discharge by respecting the following operation:
- Cleaning is carried out by means of a cloth impregnated with a disinfectant solution surface.

• Maintenance by specific service providers after removal of the stand-up lift from the facility:
- Operation biological cleaning.
- Steam cleaning of various flat surfaces. Change surfaces regularly when washing to avoid water load. Steam cleaning of inaccessible areas. For tubes, steam use with a microfiber mop. Do not direct steam directly on the electrical boxes.

CAUTION :

• Disinfection of actuators, electrical boxes and handsets with a microfiber cloth impregnated with disinfectant.

MONTHLY MAINTENANCE :

• Check that the device does not present any visible damages.
• Check that no part is missing.
• Check the good functioning of the castors and that no matter prevents their bearing.
• Check the good fonctioning of the commands as well as the connections of the remote control and the actuator on the battery.
• Clean the sockets and the commands buttons with a dry cloth, if needed with a wet cloth.
• Check the good state of the electric cables.

Motorization Technicals Characteristics

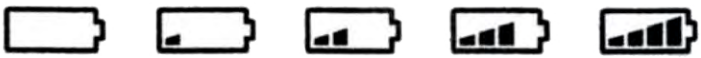
- Removable battery pack
- Digital display of the autonomy
- Emergency stop
- Electrical security lowering system
- Wall charger (in option)
- Remote control 2 functions Protection class IPX4
- Conform to Standard EN 60601-1 & EN 60601-2-38
- Manufactured according to Standard DIN/VDE 0700t238/1983
- DC motor low voltage 24V
- 24V / 120VA power
- Maximum strength : 8000 N
- Lifting stroke : 11 cm
- Electronic protection when overloaded
- Protection class : II
- Protection type : IPX 4
- Stop limit switch
- Box in ABS
- Handcontrol with spiral cable, low voltage 24V
- Protection against overloading through thermo-switch
- Loudness : less than 55dB at a distance of 1 meter.
- Electromagnetic compatibility : conforms to EN 60601-1-2

Device class II

Battery Charging Diagram :

Motorization Technicals Characteristics

Cycle counter :
We have a time counter of 600,000 sec. If we consider that the actuator makes full strokes at an average speed of 9 mm/s that represents approximately 10,000 full cycles.
To check the number of cycles already performed, you must use the remote control 2 buttons:
-Press the 2 buttons at the same time.
The indication of the number-of cycles performed is indicated by the digits, the indication remains displayed for about 3 seconds.
-If no digit is displayed the number of cycles performed is less than 150, 000 sec.
-If one digit appears the jack has been used for 150, 000 sec or 25% of the maximum time.
-If 2-digit appear, the actuator was used for 300, 000 sec or 50% of the maximum time.
-If 3 digits appear,the actuator was used for 450, 000 sec or 75% of the maximum time.
-If 4 digits appear,the actuator was used for 600, 000 sec or 100% of his time and the maximum box no longer work.
This counter work with time and not cycle because usual cycles counter count when you push on a remote control button. The problem with this type of counter is when you push 5 times on one cycle, It'll count 5 cycles. The time counter is more accurate and after 10 000 full cycles the actuator need to be checked by the manufacturer.
- After 10,000 complete cycles, a key appears on the screen and the actuator must be checked.



Overload protection system :
• If you attempt to lift a person weighing beyond the maximum limit of the device, an anvil with "kg" written will appear asking you to immediately relieve the unit because it is a non-conform use.

Preservation system of the actuator :
• An integrated system for maintaining the actuator is included in the control box. It corresponds to a ratio between the operating time and the rest time of the actuator.
• For 10% of usage time, it takes 90% of sleep time.
• For 6 minutes of continuous use, you must wait 54 minutes before you could reuse the device.
If this period is not respected, the device will not work and a jack will be displayed on the screen. When this cycle is exceeded, there is a risk from overheating the equipment and cause a failure.

Soft stop and soft start Actuator Programming :
Push on the Emergency stop button
Push on button 1 and turn off the emergency stop button
The Control box Green led is flashing :
-3 times, Soft stop and soft start available
-2 times, Soft stop and soft start unavailable
Release button 1 on the handset after cessation of the green LED.

Troubleshooting Guide

Problem	Origin	Solutions
The product, without patient, does not go down.	Our products need some weight to go down.	Push down on the lifting arm while pushing the lowering button on the remote control.
Mobile parts are too hard, product is difficult to handle.	Mobile parts need to be greased.	Grease the mobile parts.
The actuator does not work but the user can hear a "click in the control box when the remote control button is pushed.	1 . Batteries are unloaded. 2 . The actuator jack is not plugged. 3 . The actuator jack is deteriorated. 4 . There are damages on the actuator or on the control box.	1 . Load the device. 2 . Plug the actuator jack. 3 . The actuator has to be repaired. 4 . The entire electric system has to be checked.
The actuator does not work and the user does not hear a "click" in the control box when the remote control button is pushed.	1 . Emergency button is activated. 2 . There is no contact between the battery and the control box. 3 . Batteries are unloaded. 4 . The remote control jack is not plugged. 5 . The remote control jack is deteriorated. 6 . There are damages on the remote control or on the control box.	1 . Turn the button to unlock the device. 2 . Take off the battery and put it back. 3 . Check the charging cord. 4 . Plug the remote control. 5 . Change the remote control. 6 . The entire electric system has to be checked.
The actuator stops when lifting.	1 . Batteries are unloaded (sound system + "low battery" written on the screen). 2 . The product has been used for too long. 3 . The weight lifted is too heavy.	1 . Check the charging cord then load battery. 2 . Let the device rest a moment (as a protection for the actuator lifespan). 3 . Reduce the weight lifted.
The actuator does not work at all	1 . The control box is broken down. 2 . The remote control is broken down.	1 . The control box has to be changed. 2 . The remote control has to be changed.

Warranty

• Article 1 : NAUSICAA Médical S.A. warrants this product against any defects in manufacturing and assembly of mechanical and electronic components. This warranty is for devices used only in accordance with NAUSICAA Médical S.A. terms of use.
The warranty covers all mechanical and electrical parts, except battery and breakage.
This warranty whose terms of use are defined below is valid for 60 months from the date of first departure from NAUSICAA Médical S.A.

• Article 2 : The warranty entitles the free labor and the free replacement of defective parts.

• Article 3 : The original out-going shipping costs of the device and all associated costs are the responsibility of the distributor. The goods always travel at the risk and the responsibility of the distributor.
Under warranty : return costs after intervention will be borne by NAUSICAA Médical S.A.
Out of warranty: return costs are at the expense of the distributor whether or not he accepts the repair estimate.

• Article 4 : The warranty does not apply if the claims are consecutive to:
- accident, misuse or neglect of the unit by the end customer.
- shipping performed without adequate protection.
- alteration or transformation not validated by NAUSICAA Médical S.A.
- the impact of external elements (natural disaster, fire, shock, humidity, flood, lightning, ...).
- installation and/or use in a non-compliant way with technical standards and safety (in case the unit would work in a country other than the country of origin) ; and/or if the electrical power is not suited for the operating voltage of the device.
- a lack of routine maintenance.

• Article 5 : The distributor may not invoke the benefit of the warranty:
- if the device serial number has been removed, altered or rendered illegible.
- if the device under warranty has been modified without the approval of NAUSICAA Médical S.A.

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

• Article 7 : All warranty claims must be exercised through the distributor.

• Article 8 : Sending spare parts under warranty will be made after consultation with the distributor customer service.

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

• Article 10 : No distributor can unilaterally change the terms of this warranty.

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Medical

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