

1. Boom
2. Mast
3. Handlebar
4. Battery pack
5. Emergency stop
6. Control box
7. Motor for base-width adjustment (model EE)
8. Rear castors with brakes
9. SlingBar with safety latch
10. Front castors
11. Emergency lowering
12. Motor/actuator for boom
13. Mast height adjustment
14. Base-width adjustment pedal (model EM)

SWL: 600lbs

Mobile lift VanGo 600 has been developed to meet most lifting needs in combination with the right accessories. It is a lift that can lift patients in a seated or supine position. VanGo600 is made largely of aluminum, which makes it relatively light, considering the weight it can lift.



Functional inspection

Visual inspection

Inspect lift functions regularly. Check to ensure that material is free from damage.

Before use:

Ensure that the product is correctly assembled.

Check slingbar connection and safety latch function.

Check lift and base-width movement.

Check to ensure that the actuator is correctly installed.



Always read the manual

Always read the manuals for all assistive devices used during a transfer.

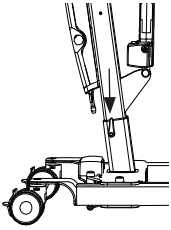
Keep the manual where it is accessible to users of the product.

The lift may only be used by persons who have received instruction in the operation of the lift.

Table of contents

Assembly	3
- Final inspection	4
Using the product	5
- Important information	5
- Safe working load	5
- Charging batteries	6
- Handset	6
- Base-width adjustment	6
- Emergency stop	7
- Emergency lowering	7
- Brakes	7
- Trouble shooting	8
Accessories	9
Maintenance	10
Technical information	11
- Dimensions	12-13

Assembly

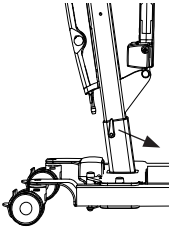


Check to ensure that all components are included:

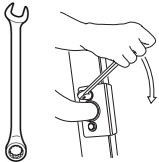
Mast with boom, lift motor, carry bar, control box and battery pack.

Base with motor and locking handle. Handset and cord.

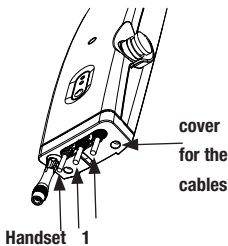
Instructions, charger with cable and adapter for wall socket.



Place the mast in the base. There are three alternatives for adjusting the height of the mast. Secure the mast with the locking handle.



Mount handlebar with two wrenches.

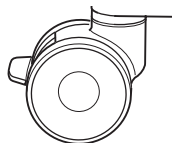


Connect the cables to the control box. Cable to actuator (motor on mast) to outlet 1. Mount the cover for the cables using the two screws.

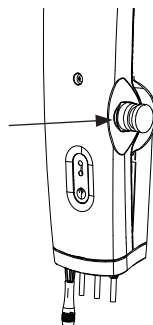
Release the emergency-stop mechanism and perform a final inspection (see final inspection).

Final inspection

Check to ensure that no parts have been left in the packaging.
Inspect the lift for signs of wear and damage.
Check all four castor wheels and caster wheel locks.
Check all connections and fixtures including screws and bolts.

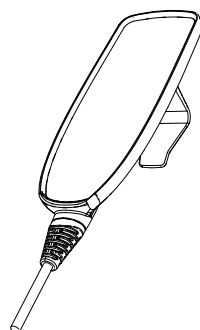


Check the emergency stop function by depressing the emergency stop, and then pressing either the up or down button. If nothing happens when the up or down buttons are pressed, the emergency stop is functioning properly.



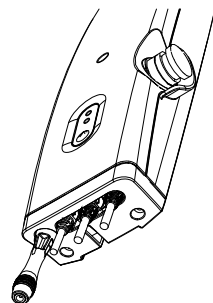
Grasp the handset, press the up button and run the lift arm all the way up. Then, press the down button and run the lift arm all the way down.
Test base-width adjustment function.

Test base-width adjustment function on the **VanGo 400** by pushing down on the respective pedals for widening and narrowing the base.



Test lift function by lifting a person (not a patient) using an approved sling. At the same time, check the emergency lowering function with someone on the lift. See section on Emergency lowering.

If the lift is functioning correctly, connect the charger and check to ensure that the charging lamp on the control box lights up.



NOTE!


Before the lift is used for the first time, it must be charged for at least 4 hours. See section on charging batteries.

Keep the manual where it is accessible to users of the product.

Using the product

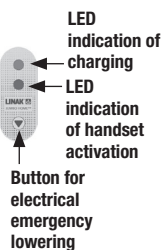
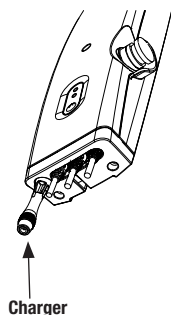


Important Information

- The lift must be assembled according to the assembly instructions provided with the lift.
- The lift may only be used indoors and on a level floor.
- When lifting from the floor the rear wheels must always be locked to prevent the lift from rolling and colliding with the patient's head. Otherwise, the wheels should not be locked, so that the lift can align itself with the patient's center of gravity.
- Lifting accessories must be properly fitted and tested in relation to the patient's needs and functional ability.
- Do not leave the patient unattended during a transfer situation.
- Under no circumstances may max. load be exceeded. See section on Safe working load.
- Never move the lift by pulling on the actuator! 
Do not push
- The lift must not come in direct contact with water.
- The lift must not be charged in a wet room.
- To ensure optimal function, the lift must be inspected regularly. See section on Maintenance.
- Warranty applies only if repairs or alterations are done by an authorized technician.

Safe working load

Different products on the same lift system (lift unit, slingbar, sling, scales and other lifting accessories) may have different allowable safe working loads. The lowest allowable safe working load always determines the safe working load of the assembled system. Always check the safe working loads for the lift and accessories before use. Contact your dealer if you have any questions.



Charging batteries

A tone when using the lift indicating that the batteries need recharging.
Lock the casts when charging the battery.
Make sure the emergency stop button is not pressed in.

Charging procedure:

1. Connect the charger to the charger cable leading from the underside of the control box.
2. Connect the charger to a power outlet (100-240 V AC).
3. When the charger is connected, the control box lamp indicates a yellow light.



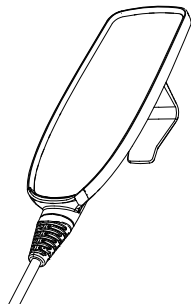
NOTE!

Before the lift is used for the first time, it must be charged for at least 4 hours.
Charge batteries regularly for maximum longevity. We recommend daily charging when the lift is in daily use.
The emergency stop button must be pulled out during charging.

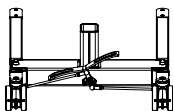
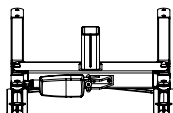
Handset

Raising/lowering the lift arm

Symbol indicate direction of travel.
Motion stops as soon as the button is released.



Base-width adjustment



Manual base-width adjustment (model EM)

Push down on the respective pedals at the back of the lift to widen and narrow the base.

Emergency stop

To activate emergency stop:

Depress the red emergency stop button on the control box.

Resetting:

Turn the button in the direction of the arrows until the button pops out.

To prevent battery discharge, we recommend that the emergency-stop button is pressed in when the lift is not in use.

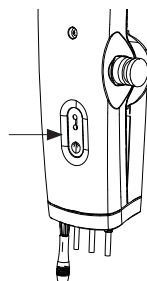
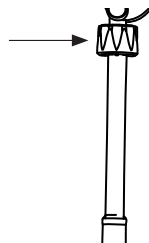
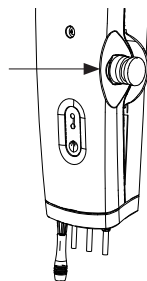
Emergency lowering

Manual emergency lowering:

For manual emergency lowering, turn the round plastic knob on the actuator clockwise.

Electrical emergency lowering:

For electrical emergency lowering, use the down button on the control box.



Brakes

Locking the wheels

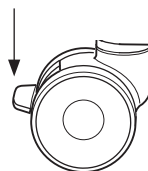
Lock the rear wheels by pressing down on the brake pedals on both rear wheels with your foot.

Wheels should not be locked during lifting, so that the lift can align itself with the patient's centre of gravity.

The only time the wheels should be locked is during lifting from the floor; otherwise, there is a risk of the lift rolling and colliding with the patient's head.



Locked wheels during lifting increase the risk of the lift tipping.



Unlocking the wheels

To release the wheel brakes, lift the brake pedals upwards with your foot.

Trouble shooting

If the lift or base-width adjustment cannot be activated, check the following:

- That the emergency stop button is not pressed in.
- That all cables are properly and securely connected. Pull out the contact and plug it in again firmly.
- That battery charging is not in progress.
- That the battery is charged.

If the lift is not working properly, contact your dealer.

If the lift makes unusual noises:

- Try to determine the source of the sound. Take the lift out of operation and contact your dealer.

Accessories

Slings:

For slings and other lifting accessories, please contact your local Vancare distributor.

VanderScale for weighing patients



Positioning aids:
Vanderclips



Ambulation Arm for gait training



Maintenance

The lift must undergo thorough inspection at least once per year. Inspection must be performed by authorized personnel and in accordance with **Vancare's** service manual.

Repairs and maintenance may only be done by authorized personnel using original spare parts.



Spent batteries are to be left at the nearest recycling station.

Cleaning/disinfection

Clean the lift with warm water or rubbing alcohol and ensure that the caster wheels are free of dirt and hair. Do not use cleaning agents containing phenol or chlorine, as this may damage the material.

Storage

If the lift is not to be used for some time or e.g., during transport, we recommend that the emergency stop button be pressed in. Store the lift at a temperature above freezing point and not exceeding normal relative humidity (about 60%).

Service agreements

Vancare offers the possibility of service agreements for maintenance and regular testing of your mobile lift. Contact your local **Vancare** representative.

Technical information

Lifting speed:	34 mm/s without load.
Batteries:	Two 12V, 2.9 Ah valve-regulated, sealed, lead accumulator (gel-type batteries)
Charger:	Max. 400mA
Motor (mast):	DC 24 V, 10 A. IP X4. Operationtime: 10% at maximum continous operation of 2 minutes, maximum 5.5 cycles per minute. Push: 10 000N.
Motor (base):	24 V, 3 A, IP X4. Operationtime: 10% at maximum continous operation of 2 minutes, maximum 5.5 cycles per minute. Push: 3000N.
Sound level:	With load: upwards: 74.7 dB(A) downwards: 52.6 dB(A).
Material:	Aluminum
Emergency lowering:	Mechanical and electrical
Castors:	Front 4", 100 mm, back 4", 100mm
Weight:	86 lbs, 39 kg
IP class:	IP X4
Expected lifetime:	10 years
Operating forces buttons on handset:	4 N

The lift complies with the requirements of Council Directive 93/42/EEC of 14. June 1993 concerning medical devices.

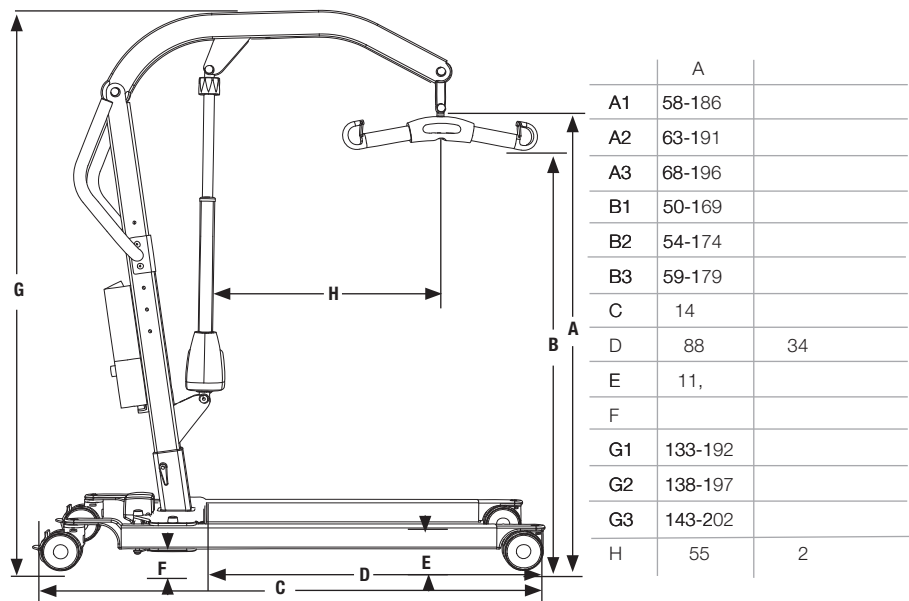


The device is intended for indoor use.



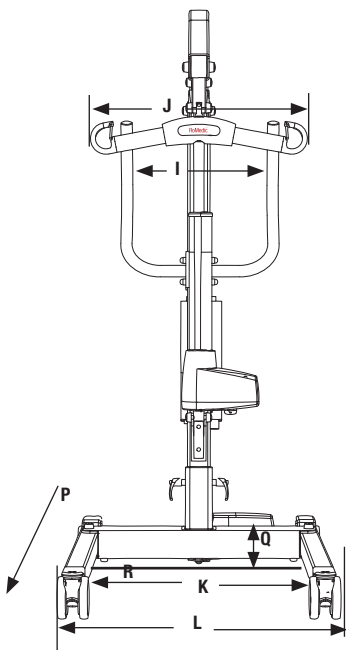
Type B, according to the degree of protection against electric shock.

Dimensions VanGo 600



Column A measurement is in cm and weight is in kg.
Column B measurement is in inches and weight is in lbs.

Dimensions VanGo 600



Column A measurement is in cm and weight is in kg.
Column B measurement is in inches and weight is in lbs.

	A	B
I	44	
J	45	17.73
K	65-105	25.61-41.37
L	75-115	29.55-45.31
M	134	
N	39	
O	14,5	
Q	27	
S	41	
T	22	
U	45	

M is turning diameter
N is total weight of lift
O is the weight of the heaviest component
P is movement in forward direction
R is reference measure 70 cm with max legspreading
S is minimum distance from wall to slingbar at maximum height (legs spread).
T is minimum distance from wall to slingbar at maximum reach (legs spread).
U is minimum distance from wall to slingbar at minimum height (legs spread).

Contact your local distributor if you have any questions about the product and its use. See www.vancare.com for a complete list of distributors. Always make sure that you have the right version of the manual. The most recent editions of manuals are available for downloading from our website, www.vancare.com

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www.vancare.com
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VANCARE[®]
We move body and mind

VANDER-LIFT Skills Observation Assessment

Staff Member Observed _____ Date _____

PROCEDURE - DID THE EMPLOYEE:

- ☐ Have the required number of staff members present?
- ☐ Select the correct size sling?
- ☐ Inspect the sling and lift for damage and proper operation?
- ☐ If **DAMAGED**, did the employee get another lift/sling and notify charge nurse?
- ☐ Correctly position the sling so that the bottom center of the sling is at the tailbone?
- ☐ Perform environment assessment and move objects that would impede operation of lift?
- ☐ Move the lift into position with the hanger bar in the “H” position in front of the resident and the base properly opened?
- ☐ Properly use the locking casters (locking only on “ramped surfaces”)?
- ☐ Lower the lift using the Pendant Switch?
- ☐ Connect the sling loops to the hanger bar hooks? Use the same loops on each side?
- ☐ Double check the sling attachment to the lift?
- ☐ Lift the resident only as high as necessary?
- ☐ Moving the lifter with a patient in the sling? (1 person pushes lift, while the other controls the resident, using the “hand-loops”).
- ☐ Lower the lift until the resident is sitting on the chair or lying on the bed?
- ☐ Remove the sling loops from the hanger bar hooks, and prevent the hanger bars from coming in contact with the patient?
- ☐ Back the lift away from the resident and remove the sling?
- ☐ Make certain the resident is safe and comfortable before leaving?

KNOWLEDGE – CAN THE EMPLOYEE:

- ☐ Identify lifting capabilities (maximum weight)?
- ☐ Identify location and use of Emergency Stop Switch?
- ☐ Identify location and use of Emergency Lowering?
- ☐ Identify location and use of Auxiliary Up/Down Switch?
- ☐ Identify Low Battery Indicator light?
- ☐ Demonstrate how and when to recharge batteries?
- ☐ Properly use the Scale attachment?
- ☐ Identify sling parts: head support, shoulder loops, leg supports, leg loops, stabilizing handles?
- ☐ Demonstrate ability to adjust angle of recline to maintain hip precautions?
- ☐ Demonstrate transfer of patient, using Vander-Lift, Vander-Lift II and VanGo, from bed to to chair, chair to bed, and floor to bed?
- ☐ Demonstrate proper understanding of how to clean the sling and lift?

Refer to Operator’s Manual for more detailed description of transfer technique.

☐ Pass ☐ Fail

Observations _____

Observer’s Name _____

Observer’s Signature _____