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# WESSELING BV

Quality since 1958

## OPTIMUS MOVE

USER'S MANUAL AND MAINTENANCE GUIDE



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**1. GENERAL INFORMATION**

**EQUIPMENT INTENDED USE AND DESCRIPTION**




The Optimus MOVE are intended for examining and treating patients. Because of the four big diameter wheels this model is also ideal for the transport of people inside hospitals. When beds are used to transport people we suggest to use SIDERAILS. The entire frame is epoxy powder coated and the top is upholstered and covered in fireproof synthetic leather. It's equipped with a high quality actuator for height adjustment. Head section as well as back section can be inclined with the help of gas springs. The gas springs are all adjusted by handles that are easy to access on the side of the table or on the leg section. The brakes and lock are centrally controlled by means of a foot pedal that is easy to activate.

**STORAGE**




When storing, the following conditions must be met:  
 1. Relative humidity 10% / 90 % - temperature -10°C / +50°C

**SYMBOLS**

The various symbols appearing in this manual and on the equipment itself are meant to draw the user's attention on important safety warnings and useful information. Please observe all warning, caution and hazard notices.

	<b>WARNING</b> Warning messages are used to advise users/patients about any risk of injury or danger if the specified procedures and conditions are not carefully observed during operation or maintenance activities.
	<b>ELECTRIC SHOCK HAZARD</b> This warning symbol identifies operating/maintenance instructions or procedures which, if not observed, could result in a risk of electric shock
	<b>CAUTION</b> Caution symbols are used to advise users about an operation or maintenance procedure, best practice or condition that may damage the equipment if not duly complied with.

## 2. SPECIAL WARNINGS AND USE RESTRICTIONS

	<p><b>Equipment must not be used:</b></p> <ul style="list-style-type: none"> <li>Without knowing the user's manual.</li> <li>When the safety load exceeds the stated capacity.</li> <li>Without the patient being monitored.</li> <li>When the patient and/or equipment is not stable enough.</li> <li>When table is not on its feet when stopped, during treatment, or when patient is moved to/from other equipment.</li> <li>When the original product has been tampered with and/or modified from its original configuration.</li> <li>When the controls and/or components are even only partially faulty or defective.</li> <li>When incorrectly configured or when you think it may cause damage to a patient or user.</li> <li>Do not allow any body parts to enter the areas with moving components and/or controls.</li> </ul>
	<ul style="list-style-type: none"> <li>Do not connect to an electric system that does not comply with the current safety regulations.</li> <li>Never spill liquid of any kind on the electric equipment.</li> <li>Always unplug the mains power supply before working on any electrical parts or to move the equipment.</li> <li>Do not damage the electric cables: avoid crushing; do not pull out the cable to disconnect, etc.</li> <li>Electric cables should be checked regularly to see if they are damaged. In case of doubt, have them replaced.</li> </ul>
	<ul style="list-style-type: none"> <li>Foam rubber and plastic components may burn if they come in contact with naked flames.</li> <li>Corrosive and/or abrasive detergents may damage the covers and paintwork.</li> <li>The equipment is not suitable for use outdoors and/or in surfaces that are not smooth enough.</li> <li>UV and heat therapy lamps may damage the upholstery covering.</li> </ul>
<p>!!!!!!!!!!!! NEVER LEAVE THE TABLE UNATTENDED WHEN THERE IS A PATIENT ON IT !!!!!!!!!!!!!</p>	






## 3. USE





### STARTING UP

For packaging reasons the couch is supplied covered by protective means that are to be removed, avoiding direct contact with cutters that could damage it. Any damage in transit must be reported to the transporter and seller immediately, without using the equipment for safety reasons.

### SETTING UP AND ADJUSTMENTS




The table has an electric actuators for the height adjustment. The head section and the back section are both fitted with gas springs.

ADJUSTMENT/FUNCTION	CONTROL	PROCEDURE
		An electric table is standard equipped with a 24v foot switch or hand switch.
		Push the relevant symbol to adjust the height of the entire table.
		<p>The hydraulic version is equipped with a high quality pump. The pedals for height adjustment are located on both sides of the table.</p> <ul style="list-style-type: none"> <li>To lift the table: push the pedal downwards with your foot and repeat this pumping action until you reach the desired height.</li> <li>To lower the table: push the pedal all the way up with your foot until the table starts descending. When it reaches the desired height remove your foot.</li> </ul>

		<p>To adjust the head section pull the control handle, and support the section as it moves. Release the handle to secure the position. The control handles are on both sides of the table.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>WARNING</b> </div> <ul style="list-style-type: none"> <li>With the patient's weight on the section, activate the control handle only when you are sure that the entire load is supported.</li> <li>Movement of the adjustable sections may cause pinching in the vicinity of the hinges.</li> <li>Do not sit on the head section</li> </ul>
		<p>To adjust the body section pull the control handle, and support the section as it moves. Release the handle to secure the position.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>WARNING</b> </div> <ul style="list-style-type: none"> <li>With the patient's weight on the section, activate the control handle only when you are sure that the entire load is supported.</li> <li>Movement of the adjustable sections may cause pinching in the vicinity of the hinges.</li> </ul>

**TRANSPORTATION AND BRAKES**

The table has four swivel wheels to allow movements in tight spaces. At the back-side of the table are the levers of the wheel-lift system. By pushing this levers up- or downwards the table is braked or becomes mobile. When transporting a patient on this table we advise the use of side-rails.

MOVING THE TABLE	PROCEDURE
	<p><b>All wheels free</b> When the lever is in horizontal position, all four wheel are free. The table is ready to move</p>
	<p><b>Directional Lock</b> When the green button on the lever is pushed down the directional lock is on. This means that when the table is pushed the wheels will position itself in that direction and locks in place.  To remove the directional lock push the lever upwards.</p>
	<p><b>Braking all wheels</b> When the red button on the lever is pushed down al wheels will be braked.  To remove the brakes push the lever upwards</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>WARNING</b> </div> <p>Braking the wheels is essential when transferring and treating the patient.</p>



**FITTING AND USING THE ACCESSORIES-OPTIONAL EXTRAS:**

The table's use can be extended by means of the accessories - optional extras

ACCESSORY – OPTIONAL EXTRA	CONTROL	PROCEDURE
<p>Foldable siderails</p> 		<p>These siderails fold down parallel to the table.</p> <p>To fold down: Pull out the pin and fold down the siderails</p> <p>To pull up: Simple pull up the siderail until the pin locks in place.</p>
<p>IV drip stand</p> 		<p>The IV pole comes with an adapter that is adjustable in angle.</p> <p>To adjust the height and angle of the IV drip stand: loosen the black lever. Put the stand at the desired height and in the desired angle. Tighten the lever again to fix the position of the stand.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p><b>! WARNING !</b></p> <ul style="list-style-type: none"> <li>Loosen the lever only when you are sure that the stand and its load is supported.</li> </ul> </div>
<p>Paperrollholder</p> 		<p>Paperrollholder is fitted on the back of the Back-section. The width is adjustable to allow use of different widths of paper.</p>
<p>Battery pack</p> 		<p>The battery pack is mounted on the side of the table, directly under the upholstery. The battery can be charged whilst on the table, or in a spate wall charger. The battery can easily be taken off to exchange empty and full batteries.</p>

**4. CLEANING and CONSERVATION**

For durable joy with the leather material, please clean regularly. For cleaning use a cloth or soft brush dampened using water and a neutral detergent. Any stains on the upholstery should be promptly removed with colourless ethyl alcohol diluted in 20% water. Rinse well.

 **WARNING** 

- ENSURE THE COUCH IS PERFECTLY CLEAN BY DISINFECTING THE SYNTHETIC LEATHER AND APPLYING A SINGLE-USE PAPER SHEET AT EVERY USE.
- HARSH DETERGENT PRODUCTS MAY DAMAGE THE SURFACES.
- DO NOT USE STEAM JETS, WASHING TUNNELS, WATER JET CLEANERS OR HIGH PRESSURE WASHERS

**5. MAINTENANCE**

Maintenance operations must be carried out by technicians who are familiar with the contents of this instruction booklet. Check the equipment is safe after any instances of "rough handling" (e.g. fall, bumps, etc.) and any time you are in doubt about safety.



**ROUTINE MAINTENANCE**

Routine maintenance operations must be carried out with the frequency indicated in the table.

FREQUENCY	ACTIVITY
Every 6 months or at least once a year	General equipment cleaning.
	Visual and functional inspection of the equipment and related hydraulic and manual controls.
	Frame and mechanical parts: Check screws and bolts are tight; state of wear of bushings and pins, presence of tears and deformations or damages.
	Oil leaks from the piston and/or gas springs must only be in the form of minor lubrication residue.
	Check that the adjustable sections are stable and do not give way when the control lever is released.
	Brake control: check regular functioning of the activating device and the efficiency of the brakes.
	Wheels: these must be securely fixed and in good condition, rolling smoothly and with their treads free of impediments.
During use and operation, make sure there are no unusual sounds, vibrations or oscillations that may indicate actuator and/or mechanism malfunctions.	
At the end of the activities above, complete the inspection performing a lift cycle with the stated maximum safe load.	

**NON-ROUTINE MAINTENANCE**

For safety reasons and to avoid invalidating the guarantee, no component may be opened or handled for repair. Any faults on the hydraulic piston, the gas springs and the wheel system must be diagnosed by Wesseling BV, who will organize the most suitable action.

 **WARNING** 

- IF SAFETY SEEMS TO BE AT RISK, DISABLE THE EQUIPMENT IMMEDIATELY PREVENTING ANY POSSIBILITY OF USE UNTIL SUCH RISK HAS BEEN REMOVED.
- PLEASE RECORD ANY DEFECTS/DAMAGES/SERVICES THAT ARE IMPORTANT FOR THE SAFETY OF THE EQUIPMENT IN THE APPROPRIATE FORM HEREWITH ENCLOSED.

**SPARE PARTS**

Only use original spare parts from Wesseling. Please contact Wesseling BV for the parts you might need.

## 6. TROUBLESHOOTING

DIRECT E-MAIL FOR TECHNICAL OR USERS ASSISTANCE:

[info@wesseling-bv.com](mailto:info@wesseling-bv.com)

If you rather want to speak to one of us on the phone you can call: +31-20 497 5183



**Please note:**

- Before contacting for service or help, please identify the "SERIAL NUMBER" in the product label attached to the equipment (see example above), or the transport document/invoice number. This will speed things up and improve service quality.

**The equipment was tested in very stringent conditions. During testing no specific breakages or faults occurred.**

**If the equipment fails to operate, please follow the troubleshooting process below.**

Issue	Cause	Solution
Adjustment of the head-/back section doesn't work or the position is not maintained	Gas spring faulty or incorrectly set	Contact Wesseling BV
	Transmission cable damaged or broken	
The actuator does not work	The attached switch is broken or not connected properly	Contact Wesseling BV
	Power cable is damaged or not connected properly	
	Actuator is damaged or not connected properly	

## 7. TECHNICAL DATA SHEET

<b>Product Name</b>	Optimus MOVE Electric, with wheels	Optimus MOVE Hydraulic, with wheels
<b>Product Code</b>	OPTMOVEMW	OPTMOVHMW
<b>Safe working load</b>	200kg	200kg
<b>Max patient weight</b>	180kg	180kg
<b>Height adjustment:</b>	55 to 110 cm with a speed of 6,5mm/s - 6.000N, stroke 200mm	55 to 110 cm
<b>Adjustment system</b>	Electric actuator	Hydraulic pump
<b>Adjusting electrics</b>	24v foot- or hand switch	Pedals on both sides of the table
<b>Sections adjusted by gas spring</b>	2	
<b>Body section</b>	$0^{\circ}$ to $+20^{\circ}$	
<b>Head section</b>	$-20^{\circ}$ to $+70^{\circ}$	
<b>Adjusting gas spring Body section</b>	By levers that are on both sides of the table	
<b>Adjusting gas spring head section</b>	By the lever that is under the head section itself	
<b>Wheels</b>	$\varnothing 125\text{mm}$	
<b>Braking system</b>	Centralized control on the back of the table	
<b>Equipment weight</b>	$\pm 86\text{kg}$	
<b>Length</b>	197cm	
<b>Width</b>	68cm	
<b>Upholstery thickness</b>	$\pm 40\text{mm}$	
<b>Filling</b>	Polyether SG 90/30	
<b>Semi Leather</b>	Artificial leather	
<b>Principal dimensions and adjustment of the sections</b>	