

## INSTRUCTION MANUAL

### Wall-mounted electric nursing table





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## 1. Introduction

We are proud to supply you with a Granberg electric height-adjustable changing table.

The changing table can be adjusted it to a convenient working height by means of the push-button control.

### **The changing table must only be used by properly qualified persons.**

Being qualified carries the obligation to read and comply with these instructions.

It is most important that you read and understand these instructions before using the changing table. If you have any questions, please contact your supplier.

This instruction booklet should be made available to the personnel concerned, stored in a safe place, and taken with the product if it is installed in a new location.

### **Correct use, operation, inspection and maintenance is essential for safe and efficient work.**

## 2. Declaration of conformity with EU directives

This product is CE-marked and is thereby declared to conform to the basic functionality and safety requirements of current Machinery, EMC and Low Voltage Directives.

A separate "EC Declaration of Conformity" will be found in Section 13.

## 3. Intended use and technical data

Changing Table 334 is designed for its work surface to be raised and lowered. The table must be used indoors under normal residential conditions of temperature, humidity and lighting.

### **Technical data, Changing Table 334:**

<b>Model:</b>	<b>6181508</b>	<b>6181614H</b>
Number of motors	1	1
Total table width	800 mm	1400 mm
Total table depth	915 mm	915 mm
Width of changing surface	700 mm	700 mm
Width of wall stand	625 mm	625 mm
Height of wall stand	1430 mm	1430 mm
Depth of changing surface	700 mm	700 mm
Vertical travel, max.	700 mm	700 mm
Speed	50 mm/sec.	50 mm/sec.
Power supply voltage	230 V	230 V
Power consumption	230 W	230 W
Max. work cycles per hr	6	6
Operating voltage	24 V DC	24 V DC
Max. load	40 kg	40 kg
Sound pressure	70 db(A)	70 db(A)



## 4.4 Electrical connection

The changing table must be connected to a nearby main switch.

If the table is installed in a wet room, wet room regulations must be observed. The motor's power supply must always be provided with an earth fault circuit breaker.

Connect the table to a 230V 50Hz power outlet. The outlet must be out of reach of children, remembering that the changing table surface can be raised and lowered 700 mm.

Cables must be routed and fixed with care to avoid the risk of pinching.

\* Power requirement 230 W.



**Electrical connections must be made by a qualified electrician.**

## 4.5 Location of changing table

Take care to locate the changing table so as to avoid pinching hazards. The distance to any adjacent fitting must be at least 50 mm.

If the distance from the changing surface to a wall or an adjacent fitting is less than 50 mm, a pinching hazard exists. It is the responsibility of the installer and the user to locate the changing table so that pinching hazards are avoided.

## 4.6 Functionality test

**After installation, the changing table must undergo a complete functionality test under full load:**

Test drive the changing table all the way to its top and bottom end points. Make sure that it moves freely, without any obstruction or unusual noise. Make sure no cables are pinched.

## 5.1 Operation:

The changing table is raised or lowered to the required height by depressing the corresponding push-button.

### **NOTICE:**

Make sure that no objects or persons are under the table while it is in motion.



## 5.2 Safety in use

The changing table is designed to avoid the risk of injury and accident. However, it is still most important that the user is thoroughly familiar with the correct manner of installing and operating the table.

- The changing table must only be used under the conditions described in section 3.
- The table must be operated in a manner to avoid the risk of personal injury and material damage.
- The table must only be operated by persons who have read and understand these instructions and who are qualified to use it.
- Remember that it is your responsibility as user to ensure that nobody suffers injury.
- The changing table and the work area must be in good condition. The changing table must not be used in case of any damage or fault which affects its operational reliability or safety or if it has been repaired, modified or adjusted without the permission and approval of an authorised person.
- Make sure the changing table is steady and horizontal.
- The push-button unit must be located so that the operator has a clear view of the changing table the whole time it is moving.
- Press only the push-button for the desired direction of movement.
- Do not lower the changing table unless the space below is free from persons and objects.
- Only handle loads which are steadily and securely arranged.
- Never allow the changing table to come in contact with adjacent objects.
- Modifications of the changing table which impact on its operational reliability or safety are not permitted.
- Plates and markings must not be removed or obliterated.
- Do not overload the changing table.
- The changing table must undergo annual inspection in the interests of accident prevention.
- Do not operate the changing table in potentially explosive environments.
- If the changing table is used in a public environment, particularly one where children may enter the operating area, the operator shall take adequate steps to prevent persons entering the hazardous area, e.g. by cordoning off said area.
- The changing table surface must be clear during inspection, servicing and repair.
- Installation, service and repairs may only be carried out by persons possessing the necessary skills.
- Only original Granberg parts may be used as replacements, otherwise our warranty commitments may be null and void.

## 5.3 Load distribution and lateral forces

Note that the maximum load of 40 kg refers to a load which is spread and distributed evenly over the changing table surface. Point loads are not permitted.

### **Essential requirements for load distribution:**

**\* The load must be spread over the entire changing table surface.**

**\* Lateral forces are not permitted.**

Lateral (sideways) forces can be caused e.g. by pressing against the changing table or the load.

It is very difficult to gauge the strength of laterally acting forces, therefore the greatest care must be exercised at all times.

Safety measures may be required on or around the changing table. Discuss the appropriate measures with Granberg's representative or with a safety delegate, occupational health inspector or similar person.

We recommend drawing up a Risk Analysis for the work situation in accordance with the Machinery Directive.

If accessory equipment is installed by the user, Granberg must be contacted for approval of the load conditions.

## 5.4 Cleaning

The changing table mechanism is subject to soiling in the course of normal use. Because the changing table has electrical components, it is most important that it is cleaned as recommended.

### WARNING!

- \* **The changing table always be disconnected from the power supply during cleaning.**
- \* **The changing table mechanism must never be rinsed with water!**

### Care recommendations:

Clean the changing table with warm water and a non-abrasive cleaner containing soap or similar. Use a Wettex or similar cloth. After cleaning, wipe the surfaces dry to avoid deposits.  
Do not use abrasive cleaners or scrapers.

## 5.5 Maintenance

The changing table is maintenance-free. The hoist is provided with lifetime lubrication and other measures at the factory. However, certain components should be inspected annually in the interests of safety.

- \* Inspection, service and repairs must be carried out by competent personnel.
- \* Remove all objects from the changing table surface before carrying out maintenance and repairs.

1. Drive the changing table all the way to its bottom and top end points. Make sure it moves freely, without obstruction, pinching hazards, or unusual noise. Check that it stops and remains steady in its bottom and top positions.
2. Check all cables for chafing, pinching, and breaks.

Document all checks and repairs in the Equipment Service Record, Section 9.

## 6. Instructions for redeployment/recycling

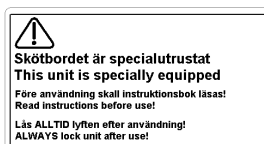
Before the changing table is redeployed in a new location it must be cleaned, inspected, and undergo a functionality test.

The machine is made of materials which are suitable for recycling or reuse. Specialised firms collect and dismantle worn-out machinery and recover reusable parts and materials.

## 7. Plates

Packed with the Instruction Booklet are two plates to be affixed to the changing table.

The plate stating that the changing table is specially equipped must be conspicuously affixed to the wall stand.



The plate indicating the maximum load must be conspicuously affixed to the wall stand.





## 8. Warranty

In accordance with the warranty conditions Orgalime S 2000 the manufacturer will replace or repair all faults which depend on manufacturing or material faults and which appear within twenty-four (24) months from the delivery. For further details about the conditions, see Orgalime S 2000.

### Note!

Alternative warranty conditions may apply. See the Order Acknowledgement for actual conditions.

The warranty is only valid if inspections and maintenance is carried out in accordance with the instructions. This warranty does not cover the cost of normal maintenance, settings or scheduled adjustments as specified in the instructions. Also the labour costs for such actions are not covered by the warranty

Damages caused by misuse or incorrect operation of the equipment means that the warranty would expire.

Before any warranty work is commenced by a customer Granberg must be contacted for analysis and approval. We do not accept to carry any warranty costs if the repair work has started without an agreement by us.

When returning parts always quote the details shown on the manufacturer's plate, i.e. Type, manufacturing number, year and describe the operating conditions for the machine.

Remember to quote name, address and telephone number for the appropriate contact person.

## 9. Service and Maintenance Records

Type and model: \_\_\_\_\_ Manufacturing No.: \_\_\_\_\_

Delivery date: \_\_\_\_\_

Service & maintenance Date: _____ Sign. _____ Remarks: _____ _____ _____	Service & maintenance Date: _____ Sign. _____ Remarks: _____ _____ _____	Service & maintenance Date: _____ Sign. _____ Remarks: _____ _____ _____
Service & maintenance Date: _____ Sign. _____ Remarks: _____ _____ _____	Service & maintenance Date: _____ Sign. _____ Remarks: _____ _____ _____	Service & maintenance Date: _____ Sign. _____ Remarks: _____ _____ _____

## 10. Troubleshooting

The changing table is designed and tested for optimal reliability and service life, provided that it is operated, serviced and inspected in accordance with these instructions. Should any problem arise, consult the troubleshooting list below for guidance.

Unload the work surface prior to any troubleshooting or repairs.

Troubleshooting, service and repairs must be carried out by competent persons.

If the problem persists after taking the steps listed below, contact a qualified repair person or your supplier.

Symptom	Action
The table does not move when the push-button is pressed	Make sure the table is plugged in to the power supply.
	Check that the cables from the finger pinch guard and the push-button unit are properly connected to the hoist.
	Hold down the UP button for at least 20 seconds until a click is heard. Then release the button and try operating the table. If this doesn't help, try the same procedure with the DOWN button.
	Remove the plastic shell from the motor housing on the underside of the wall stand and check that all the contacts are properly seated in the control unit.
	If the changing table still does not move after the above steps, contact a qualified repair person or your supplier.

**After any repair, the changing table must undergo a complete functionality test under full load before it is re commissioned (see section 4.6).**

## 11. Parts list

If any part does not seem to be working or is broken, contact your supplier.

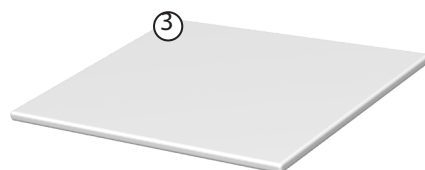
Only original Granberg parts must be used, otherwise all warranty commitments may be void.

### Returning parts:

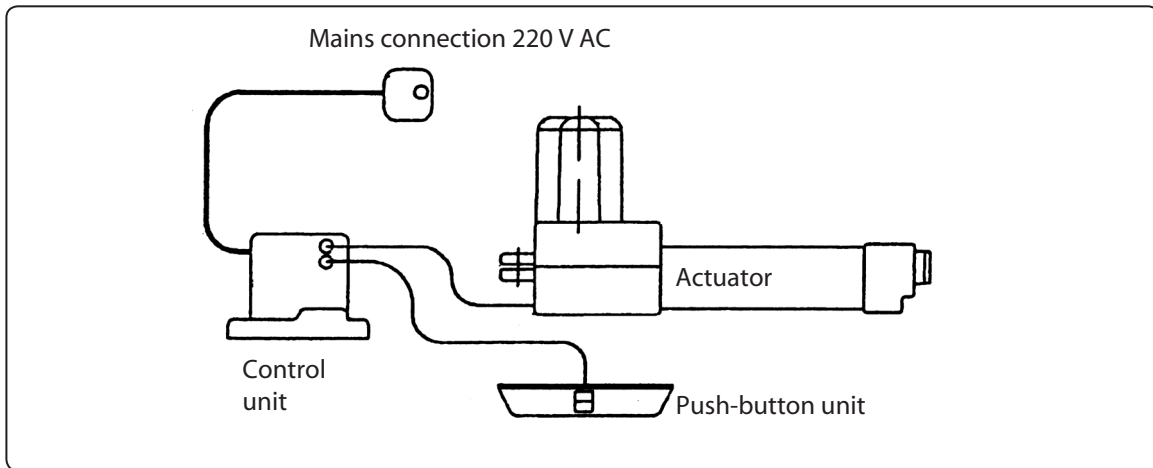
Contact Granberg before returning parts. Do not return parts which are worn out through normal use or damaged by accident. Return worn, damaged or unserviceable parts if you believe the fault is covered by Warranty. In this case return the parts promptly, otherwise you may forfeit your rights under Warranty.

When ordering parts, please quote the changing table serial number and type.

No.:	Description:
1	Control unit
2	Hand-held unit
3	Mattress



## 12. Electrical diagram



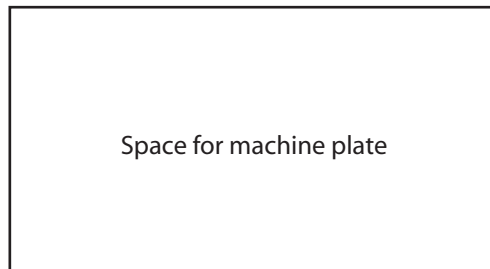
## 18. CE-Declaration of conformity

(According Machinery Directive 98/37/EC, Annexe 2A)

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declares under sole responsibility that the product:



to which this declaration relates, is in manufactured in conformity with the following harmonised documents, following the provisions of Machinery Directive 2006/42/EG, the Low Voltage Directive 2006/95/EG and the EMC Directive 2004/108/EG.

It also conforms to the following harmonised standards:

EN 60204-1 Safety of Machinery - Electrical Equipment of Machines -General Requirements

Norrköping, 2011-06-16  
Granberg Interior AB

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