

## EN User manual Manulift 6350



### EN Products

Height adjustable frames for worktops  
MANULIFT 6350

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# 1. Introduction

We have the pleasure to deliver a Granberg Manulift 6350, a manual operated lifting and lowering system for kitchen. Manulift 6350 can be used separately, or together with the Granberg Wall cabinet lifts, and it becomes then a total adaptation of the kitchen. The product is suitable for kitchens of various makes, which are made according the standards EN 1116 and EN 1153.

## **Only authorized persons may use Manulift 6350!**

Authorization means obligation to read and follow the instructions.

It is very important that you read and understands the instructions before you use the device.

If you have any questions - contact your supplier.

This Instruction manual shall be available for all concerned persons, be kept in a protected place and shall follow the product, if it is moved to another installation site or another house or apartment owner.

**Correct use, operation, inspections and maintenance are decisive for efficient and safe 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 Directives.

"EG Declaration of Conformity" is found in a separate document.

# 3. Intended use

Manulift 6350 is a kitchen worktop. Under the worktop, space is left for the knees and legs. The height is manually adjustable.

The use shall be indoors, under normal housing conditions regarding temperature, humidity and lighting. Electric hob, a sink and drawers can be incorporated.

The worktop lift unit is not intended for use in moist environments.

It is assumed that the work top benches and the cabinets are made according the standards EN 1116 and EN 1153.



Countertop on adjacent cabinets must not protrude over its cabinet frame. Protrusion of the countertop to adjacent cabinets constitute a risk of crushing and will not be accepted!

Any use other than the above is subject to approval by Granberg and definition of the current allowable working conditions. Contact Granberg to planned change approved!

Solid wood benches are not recommended.

## 4. Technical data

<b>Installation</b>	Wall-mounted
<b>Front height</b>	103 mm
<b>Frame depth</b>	560 - 590 mm
<b>Depth worktop (15 mm shallower than worktops on fixed cabinets)</b>	565 - 630 mm
<b>Height adjustment</b>	Manually adjustable 300 mm by a crank. (700-1000 mm excl. top board)
<b>Plumbing connections</b>	Connection is made with flexible hoses
<b>Max load</b>	100 kg
<b>Space to wall / adjoining cabinet</b>	5 mm
<b>Space to wall (for tiles)</b>	15 mm
<b>Tiling</b>	From 700 mm above floor (alternatively all the way down to the floor)

## 5. Safe use

Manulift 6350 is designed in order to prevent and avoid damages and accidents. It is however still very important that the operator is well instructed in how to install and operate the product. In the following, Manulift 6350 means the lifting machine and the fitted accessories, such as drawers, sink and hob.

- Only use Manulift 6350 for its intended purpose.
- The operation and use must be made in such way that there is no risk for damages on persons and property.
- Manulift 6350 may only be operated by persons who have read and understood these instructions, and are authorized to use it.
- Be aware of that you as an operator are responsible for that nobody is damaged.
- Manulift 6350 and the work area must be in proper condition. Manulift 6350 unit must not be used if any fault has appeared which influences the functions or the operation safety. It shall also not be used if it has been repaired, altered or adjusted without permission of a responsible person.
- Notice the jamming risk between Manulift 6350 and adjacent worktops and cabinets when height adjustment is made.
- Only stable and securely loaded items may be handled. Mind the tilting risk for objects on the worktop, which are unstable, e.g. carelessly piled.
- Alterations of Manulift 6350 that influence the operational safety or the functions are not allowed.
- Do not overload Manulift 6350 and make sure that the load distribution is correct.
- It is absolutely forbidden for persons to stay on the worktop or stand on extended drawers.
- Always distribute the load uniformly on the worktop, to avoid cantilevered loading. Consider the risk that the load can roll, slide or fall over.
- Use safe and sufficient lifting methods when handling load to and from Manulift 6350. In particular beware when handling heavy items, and goods with hazardous content or with sharp corners and edges.
- Be aware of the risks when you work on Manulift 6350. The risks are depending on the arrangements on the worktop.
- Manulift 6350 shall regularly, once a year, be inspected in order to prevent accidents.
- Applicable Building and Safe use Regulations must be complied with.
- Do not use Manulift 6350 in a potentially explosive environment.
- Decals and markings must not be removed or made illegible.
- During inspections, service and repair work there shall be no load on the worktop or in the cabinets. The most common functions can be reached when the cover panels have been removed.
- Competent persons only must carry out installation, service and repair works.
- Only Granberg original spare parts shall be used when replacing any parts. Our warranty commitment can otherwise be invalidated.

## 6. Load distribution and side forces

Note that the max. rated load means that the load is distributed over the entire worktop. Point loads are not allowed.

It is absolutely forbidden for persons to stay on the worktop, to stand on extended drawers.

Basic loading requirements:

**100 % of the rated load distributed over the entire cabinet volume.**

- **Horizontal forces are not allowed.**
- **Horizontal forces can appear, for example, when pressing onto the shelves or the load.**

It is difficult to estimate the size of the actual horizontal force, so utmost care must always be taken. Further to the incorporated safety arrangements additional safety actions may be required on or at the Worktop lift unit. Discuss suitable actions with your Granberg representative or with the health and safety inspection.

We recommend that a Risk assessment in accordance with the Machinery Directive shall be made for the actual working conditions. If the owner fits accessories, contact Granberg to get approval for the loading conditions.

**Maximum load: 100 kg**

**Top board and all other equipment must be included in the maximum load.**

**Note that the max. rated load means that the load is distributed over the entire worktop. Point loads are not allowed.**

## **7. Instructions for recycling**

When the product lift shall be re-used it must be cleaned, inspected and go through a full operation test before it is installed on the new site.

The machine is manufactured from re-usable materials or from materials that can be recycled.