

## **EN** User manual Unilift 870



## **EN** Products

**Height adjustable frames for kitchen appliance**  
UNILIFT 870

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# 1. Introduction

We have the pleasure to deliver a Granberg Interior Kitchen appliance lift 870, an electrically operated lifting and lowering system for e.g. food processing machines, bottle crates, microwave oven, computer, sewing-machine etc.

The Lift includes a board platform, onto which the load shall be placed. With the push button box the motorized platform with its load is brought to convenient reach height.

## **Only authorized persons may use the Kitchen appliance lift!**

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, EMC and Low Voltage Directives.

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

# 3. Intended use

The Kitchen appliance lift 870 is intended to achieve a convenient location for handling material, which has been placed on the Lift platform by means of manoeuvring it along an arc-shaped path up to top level, or to bring it into the cabinet.

The operation shall be indoors, under normal housing conditions regarding temperature, humidity and lighting.

The Kitchen appliance lift is not intended for use in moist environments.

It is assumed that the cabinet is made according the standards EN 1116 and EN 1153.

## 4. Technical data

<b>Cabinet width</b>	870-040 = 400 mm 870-050 = 500 mm 870-060 = 600 mm
<b>Platform width</b>	870-040 = 330 mm 870-050 = 430 mm 870-060 = 530 mm
<b>Platform length</b>	350 mm
<b>Cabinet height, inside</b>	Adjusted for the height of the load on the platform
<b>Cabinet depth, inside</b>	Adjusted for the size of the load on the platform
<b>Vertical stroke, max</b>	575 mm
<b>Horizontal stroke, max</b>	500 mm
<b>Machine depth, raised platform</b>	1055 mm
<b>Machine depth, lowered platform</b>	555 mm
<b>Machine height, raised platform</b>	745 mm
<b>Machine height, lowered platform</b>	660 mm
<b>Time for a lift or lowering stroke, approx</b>	Ca. 16 S.
<b>Mains supply</b>	230 V
<b>IP-class</b>	IP 54
<b>Power consumption</b>	345 W
<b>Max no. of full work cycles per hour</b>	6
<b>Control voltage</b>	24 V DC
<b>Weight</b>	15 kg
<b>Max load on the platform</b>	20 kg
<b>The noise pressure is less than</b>	70 db(A)

## 5. Safe use

The Kitchen appliance lift is provided with safety arrangements 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 Kitchen appliance lift.

- Only use the Kitchen appliance lift for its intended purpose, i.e. handling of machines and goods, which can be accommodated within the dimensions of the platform and the cabinet.
- The operation and use must be made in such way that there is no risk for damages on persons and property.
- The Kitchen appliance lift 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.
- The Kitchen appliance lift and the work area must be in proper condition. The Kitchen appliance lift 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.
- Make sure that the Kitchen appliance lift is installed on a firm ground with sufficient mounting details, enough for the total weight. Competent persons shall carry out the installation work.
- The operator shall have a clear view of the hazardous parts of the Kitchen appliance lift, the load and the area around it all the time when operations are taking place.
- Do not touch any part of the lift when operating it. Only press the button for desired motion direction.
- Do not put hands, arms, or any other part of the body or any object into the lifting device when the Kitchen appliance lift is brought from the parking position. The parking position means when the Kitchen appliance lift is fully lowered and brought to the back frame, i.e. at the bottom level.
- The cabinet door shall be fully open when the Kitchen appliance lift is operated.
- Keep in mind that when the Kitchen appliance lift has left the parking position, the risk increases to get damaged by the lift or the open door.
- Do not lower the Kitchen appliance lift unless the space below it is free from persons or obstacles.
- Observe the trapping risk between the Kitchen appliance lift and the cabinet.
- Only stable and securely loaded items may be handled. It can be necessary to fix the load onto the platform by means of screws or other attachment devices.
- Never let the Kitchen appliance lift or the load come in contact with adjacent objects.
- Alterations of the Kitchen appliance lift that influence the operational safety or the functions are not allowed.
- Decals and markings must not be removed or made illegible.
- Do not overload the Kitchen appliance lift.
- Use safe and sufficient lifting methods when handling machines or material to and from the Kitchen appliance lift. In particular beware when handling heavy items, and loads with dangerous content or sharp parts.
- Handling or use of e.g. a machine on the platform can be dangerous. The risks must be judged by the operator. Also see the manufacturers instructions.
- The Kitchen appliance lift shall regularly, once a year, be inspected in order to prevent accidents.
- Applicable Building and Safe use Regulations must be complied with.
- It is forbidden to stay in the cabinet, to hang on the Kitchen appliance lift or to use the lift for lifting persons.
- Do not use the Kitchen appliance lift as a lifting jack, e.g. for lifting things from the floor.
- The machine shall not be in direct contact with food.
- Do not use the Kitchen appliance lift in a potentially explosive environment.
- When the operation is in a public location, particularly when children can enter the work area, the operator shall make satisfactory arrangements to prevent persons from entering the hazardous area when the lift is being operated, or it has been lowered from the parking position, e.g. by means of blocking the work area or by means of adding protection devices.
- During inspections, service and repair work there shall be no load on the lift.
- 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 20 kg means that the load is uniformly distributed over the platform. Point loads are not allowed.

### Basic loading requirements:

- **The load is distributed over the entire platform, with the centre of gravity in the centre of the platform.**
- **Horizontal forces are not allowed.**

Horizontal forces can appear, for example, when pressing onto the Kitchen appliance lift 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 Kitchen appliance lift. 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.

## 7. Actions after use

The Kitchen appliance lift shall after use be left fully raised to the top level, the parking position.

Switch off the main switch or take out the electric plug if unauthorized use can occur.

To prevent unauthorized use it can also be possible to place the push button box inside a lockable cabinet.

## 8. Instructions for recycling

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

We recommend the machine to be sent to Granberg or to the Granberg distributor to get this done.

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

## 9. Spare parts list

If any component does not work or has broken, contact your supplier. Only Granberg original spare parts must be used when replacing any parts. Our warranty commitment may otherwise be invalidated.

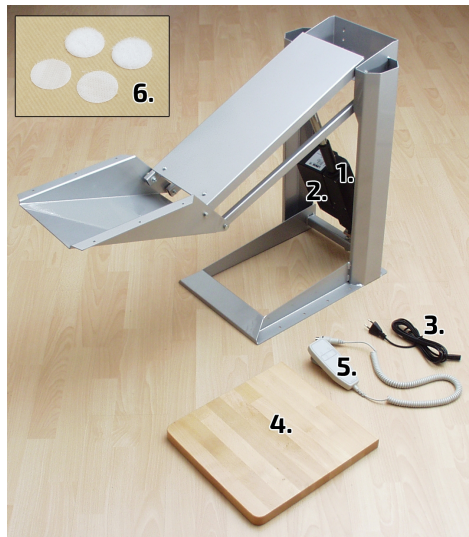
Return of spare parts:

Contact Granberg prior to any return of parts.

Do not return any parts that have been worn out during normal operation or accidentally damaged. Only return worn or damaged parts if it is considered that the fault is covered by our warranty conditions. In such cases, return the parts without delay, otherwise the right to replacement may be lost.

When ordering spare parts always quote the manufacturing number and type.

1. Motor
2. Control unit
3. Mains cable
4. Platform
5. Handheld control unit
6. Self-adhesive Velcro pads



## 10. Electric system / Electric diagram

