



## **LIFTO** **30**

Élévateur de cuve  
Bowl lift  
Kuiplift  
Hebekipper

Congratulations with the purchase of this bowl lift.  
This machine has been tested thoroughly in our warehouse in Belgium before delivery.  
This way, Sinmag Europe is able to guarantee delivery of a machine ready for installation.

For correct use and long service life of this machine, we recommend that you read this manual attentively before starting to use the machine.

Sinmag Europe thanks you for your trust and wishes you much job satisfaction with this machine.



Sinmag Europe Team.

## 1. INTRODUCTION

Before starting the machine for the first time, please read this manual carefully. This will provide you with knowledge necessary for appropriate operation of the machine. In order to ensure proper maintenance of the machine mechanisms and electric parts, it is necessary to use safety covers attached to the machine and operate it in accordance with its intended use.

Make sure that all safety devices are properly installed as described later on in this manual. Should any inconsistencies be detected, please contact immediately the manufacturer or vendor.

This manual constitutes an integral part of the machine and must be available all the time. Therefore, it should be kept in a dry place easily accessed by the operator. It is recommended to put it in a waterproof sleeve to protect it from dust, humidity and light. This will help to maintain the manual in proper condition for the entire service life of the machine. The manual reflects the state of the machine at the time of launching it on the market, and may not include subsequent modifications of the structure resulting from new experiences. The manufacturer reserves its right to implement structural changes without further notice to the user.

The manufacturer does not assume liability for a product which has been modified by its user without the manufacturer's consent.

## 2. PROTECTION FROM ACCIDENTS

Specific recommendations and guidelines for a bowl carriage operator:



- 2.1. Do not use a load greater than that recommended by the manufacturer.
- 2.2. Do not walk into the machine bowl.
- 2.3. Do not seat in the machine bowl.
- 2.4. Do not stay under the bowl mounted in the machine.
- 2.5. Always lock the rear wheels when lifting or lowering the bowl.
- 2.6. Do not stay under the bowl when moving the machine.
- 2.7. When moving the machine, disconnect the power cable!
- 2.8. Noise emission.

The machine complies with generally accepted regulations. The level of continuous sound pressure is below 70 dB(A). This result was obtained with proper selection and component design.

### 3. HUB-3 CARRIAGE CHARACTERISTICS

#### 3.1. INTENDED USE

The bowl carriage is designed for moving and lifting pastry bowls to a desired height. It lifts the bowl directly from the pastry mixer. After lifting the bowl to a desired height, the operator can pour its content, e.g. to a pastry squeezer or other technological devices. Electric drives are responsible for lifting and pouring operations. The machine is of a mobile design, therefore the drives are supplied with batteries.

**THE MACHINES MUST NOT BE USED FOR PURPOSES OTHER THAN THAT SPECIFIED ABOVE.**

Application must comply with machine manufacturer's recommendations, otherwise the manufacturer shall not be liable for any damage to persons, animals or property.

The main components of the machine are made of stainless steel.

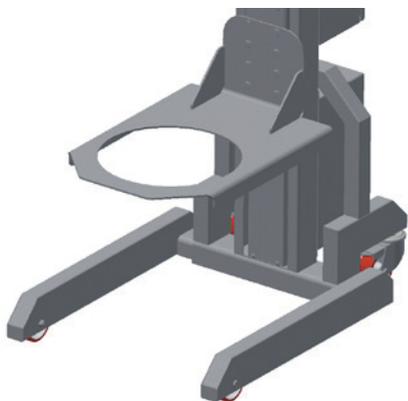
The wheels and battery power supply – ensure mobility of the machine during operation.

The carriage is suitable for a bowl delivered by the Customer.

#### 3.3. GENERAL DATA

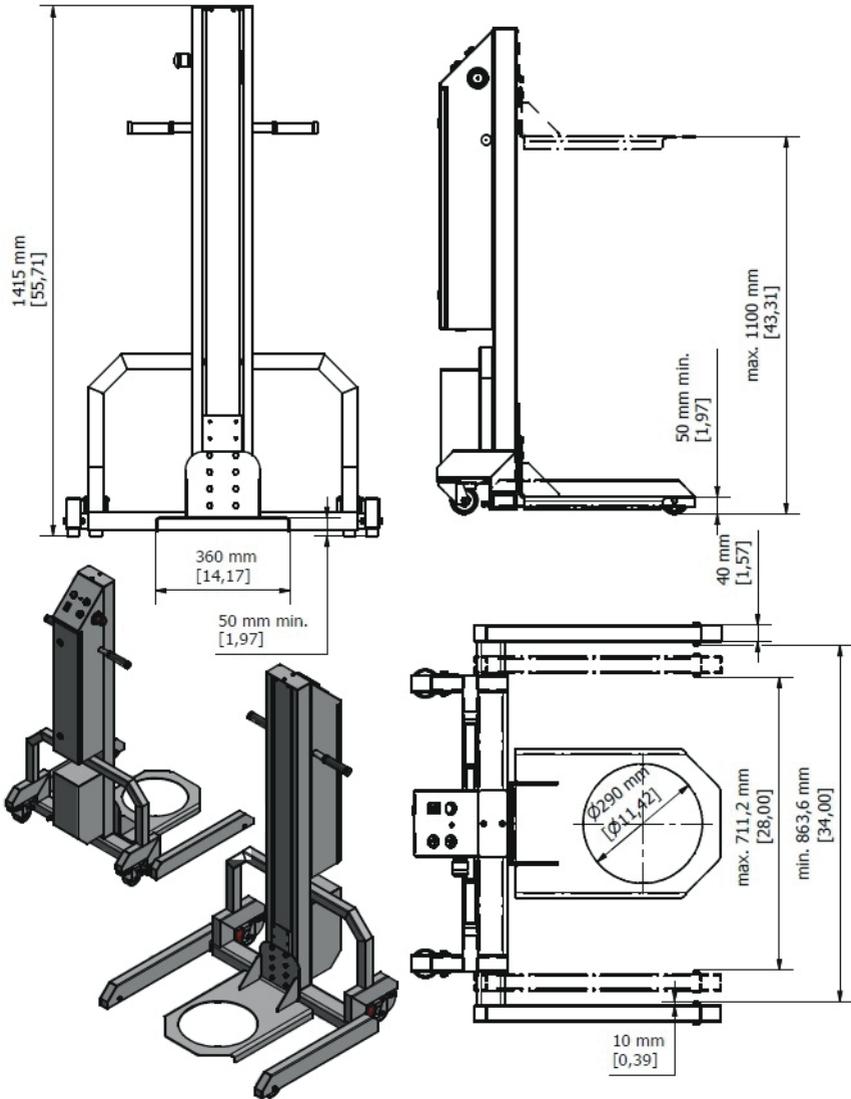
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The versatility of the carriage involves leg spacing, i.e. to decrease or increase their width. The diameter of the mounting hole ensures stable operation with different types of bowls.

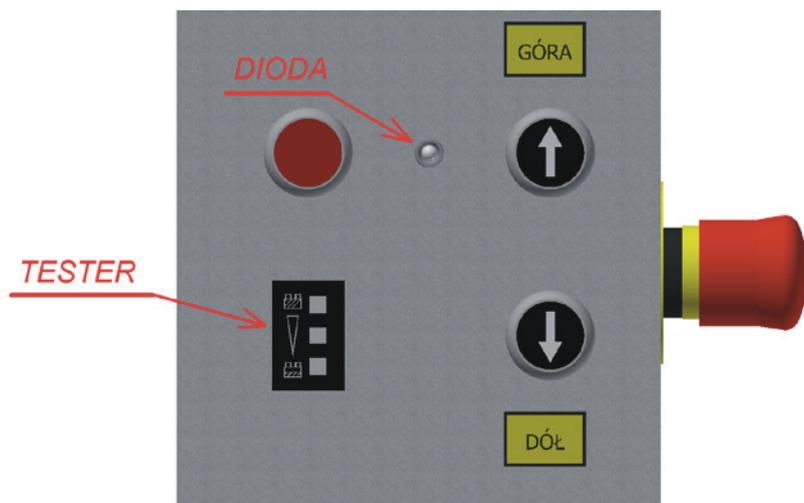
Main dimensions of the carriage in a standard version.



NOTE: The maximum height of the stacking plate depends on how it is fixed to the carriage.

## 4. CHARGING THE BATTERIES

During operation, the battery level decreases gradually. The current battery voltage can be viewed on a tester located on the panel.



At the end of work or when the battery level drops to a state when the orange indicator light on the tester is on, it is recommended to connect the carriage for charging. For this purpose, connect the attached cable to the socket located at the bottom part of the carriage and to a 230V electric network.

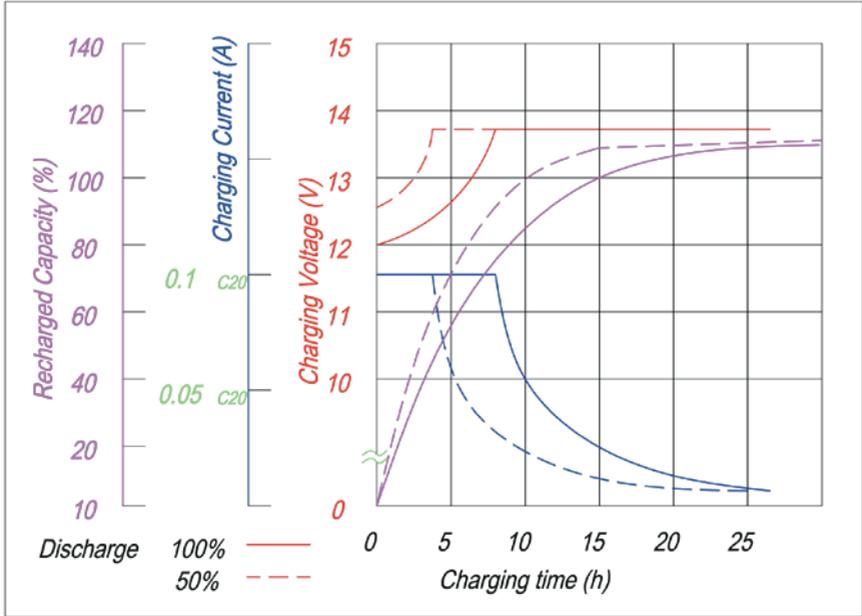
Proper connection will be signalled by the active red indicator light on the panel. This means that the batteries are being charged. When the indicator light turns green, the battery is completely charged. The applied battery charger does not require to be immediately unplugged after charging.

The carriage must not be operated when charging.

### The charging time depends on the following parameters:

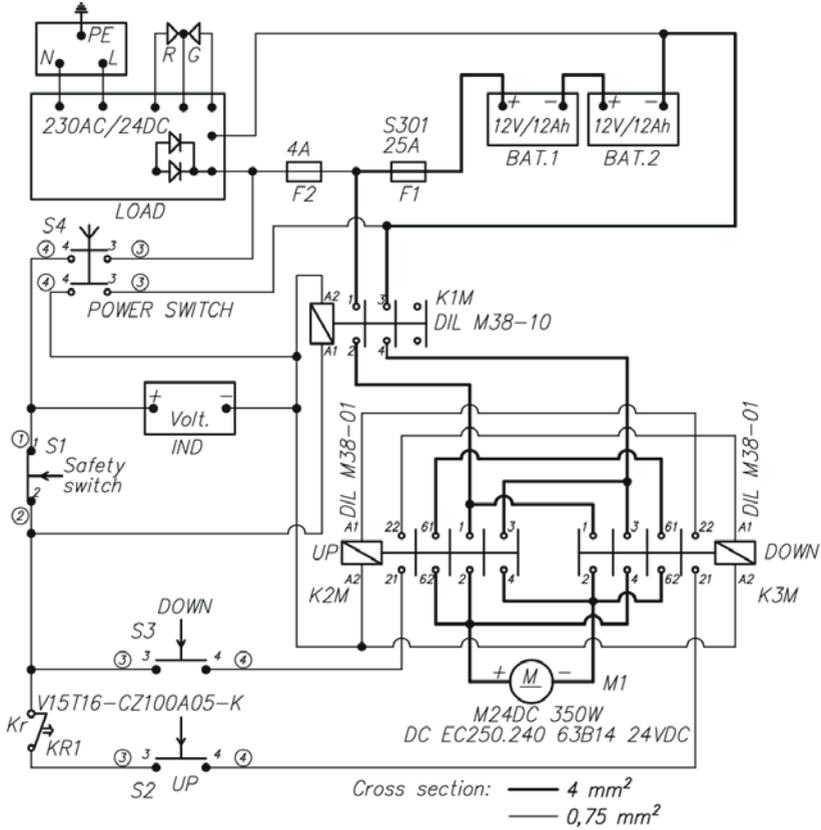
- battery discharge level,
- ambient temperature,
- charging current.

The estimated charging time is given in the table below (the voltage is specified for charging of one battery).



## 5. POSSIBLE FAILURES

Failure	Possible reasons
The carriage won't start	Make sure that the red main switch is pressed on the control box.
	Make sure that the safety switch is pressed.
	Check the S301 C63 fuse in the battery compartment.
	Check the glass fuse in the control box.
The carriage stops when lifting	Disconnect battery charging (it is not possible to operate the carriage when it is charged).
	The batteries are discharged – charge them.
	A too heavy load on the stacking plate.
The carriage stops when lifting	The toothed belt has been damaged – replace it with a new one or sent it to the manufacturer for repair.
	Pressing the up and down buttons one after another may trigger the main fuse. Do not press the buttons at the same time or immediately one after another. The pressing interval must be min 1-2 seconds.
Disconnecting the carriage power supply through the main 25A fuse	
	





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**SINMAG EUROPE | BLANKENBERGSESTEENWEG 44A | 8377 ZUIENKERKE - BELGIUM**

**T: +32 50 32 89 05 | F.: +32 50 32 89 09 | [info@sinmageurope.com](mailto:info@sinmageurope.com)**