

User Guide

MAXI-STEKER 25000 573-serial number



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User instructions

Maxi-steker 25000 ©

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Attachments :

- A Maximal hoisting load at various positions
- B Certificate Aboma
- C CE-declaration Bomecon Nijkerk BV

1. General information :

This hoisting mechanism has been developed and built to allow a safe use and maintenance. This applies to the application, circumstances and guide lines, as described in this documentation. Reading this documentation is a must for every one working with this hoisting mechanism.

All technical information and the given drawings remain the property of **BOMECON Nijkerk** and may not be used without written permission.

The information in this user guide has been based on the most recent available information. They are provided with the restriction of possible later modifications.

This user guide contains useful and important information for a proper operation and maintenance of the hoisting mechanism. It contains also important information to prevent accidents and damages when installing and running the hoisting mechanism machine. Following the directions will allow a safe and trouble-free operation of the hoisting mechanism.

2. Data

2.1 Data Maxi-steker 25000

Manufacturer	BOMECON NIJKERK
Type	25000
Weight	10400 kg (with max. counterweight)
Working load limit (WLL)	Variable (see attachment A)
Serial number	573- serial number
Year of production	2016

2.2 Manufacturer

For complains and problems regarding the operation of the Maxi-steker, you should contact:

BOMECON - NIJKERK
EDISONSTRAAT 21A
BOX 1017
3860 BA NIJKERK
TEL: 033-2463200
FAX: 033-2460936
E-MAIL: info@bomecon.nl
WEBSITE: www.bomecon.nl

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2.3 Function of the Maxi-steker 25000

The Maxi-steker 25000 is a special developed hoisting tool, wich can be hung in the hook of the crane. This tool is special develod for safe hoisting of several building materials, just inside the front line of a building.

The Maxi-steker, provided with counterweight, is an universal hoisting tool with (in normal situation) a safety hook. It's also possible to exchange the safety hook, to connect the Maxi-steker with a Bomecon spreader beam, Bomecon vacuum-lifter or some other special Bomecon-tools.

3. Commissioning

3.1 Connecting the Maxi-steker

The connection of the maxi-steker into the hook of the crane takes place by connecting the master links of the 2 chain slings directly in the hook of the crane.



Fig. 3.1 : '2 master links of the chain slings'

In figure 3.1 are the 2 master links indicated. This links are directly connected with the hook of the crane. This is the only acceptable way to transport the machine. There are grab hooks connected on the master links, to adjust the chain if it's necessary. In normal way it isn't necessary to adjust the chain.

3.2 Connecting the load

The load needs to be connected into the safety hook of the Maxi-steker. The safety hook is linked with a locked pin. It's for the user strickly forbidden to remove the pin and the locking.



Fig. 3.2 'Safety hook'

Warning!

It is stricktly forbidden to work with the Maxi-steker out of the table in Attachment A: 'Maximal hoisting load at various positions'.

It's also possible to connect another Bomecon-tool in the front of the Maxi-steker, for example a Bomecon spreader beam. For this special situations, you first have to contact Bomecon.

3.3 Setting the counterweight

The counterweight of the machine is adjustable by the number of counterweight-plates.

The number of counterweight-plates is depending on the hoisting situation. The number of plates is determined and mounted by Bomecon, and should not be modified by the user of the machine.

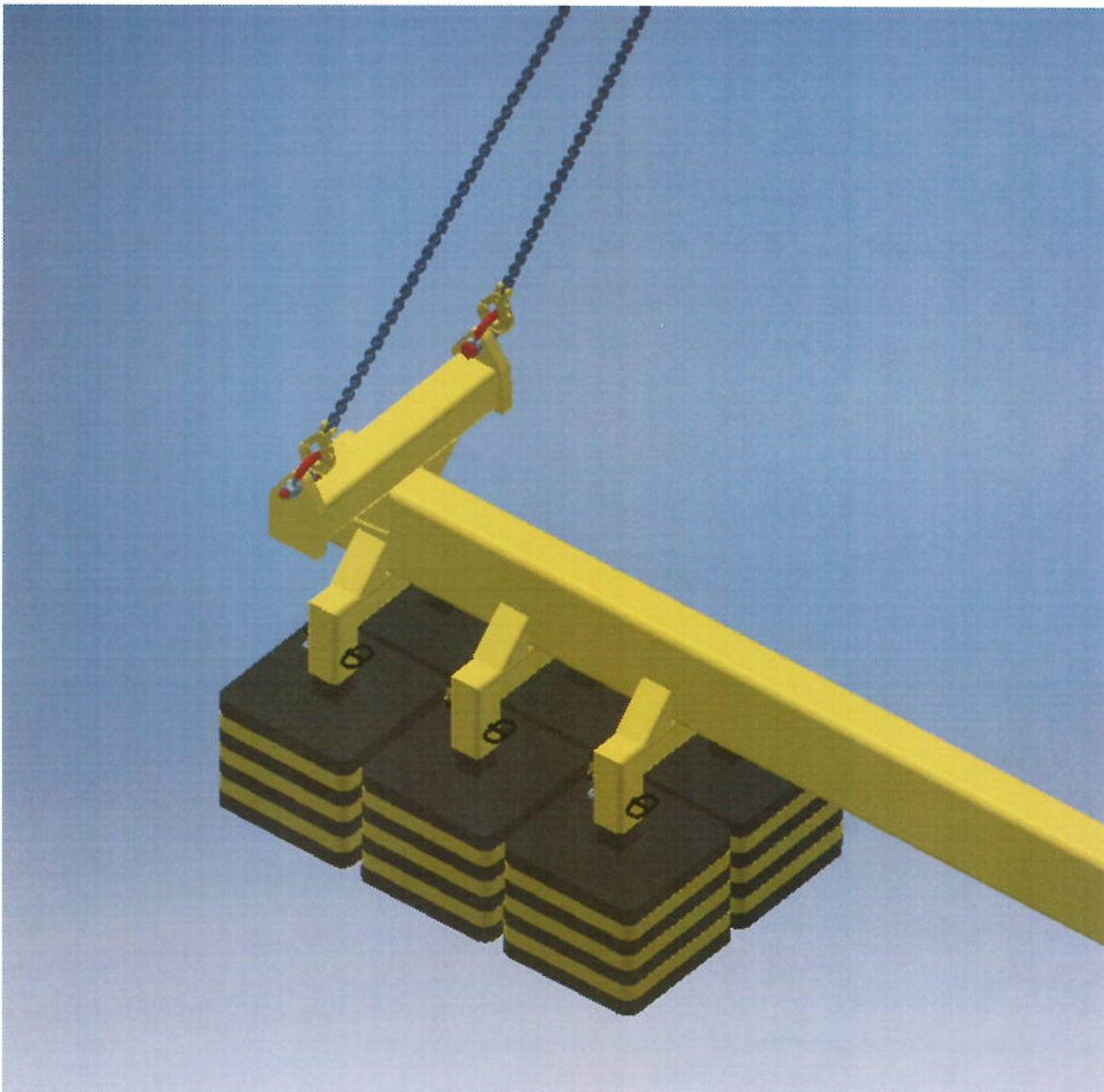


Fig. 3.3 'Counterweight'

3.4 Setting the front head arm

De front head arm, fig. 3.4, is collapsable. The front head arm is adjustable in length and has a number of tab holes which allow the user to change the length.

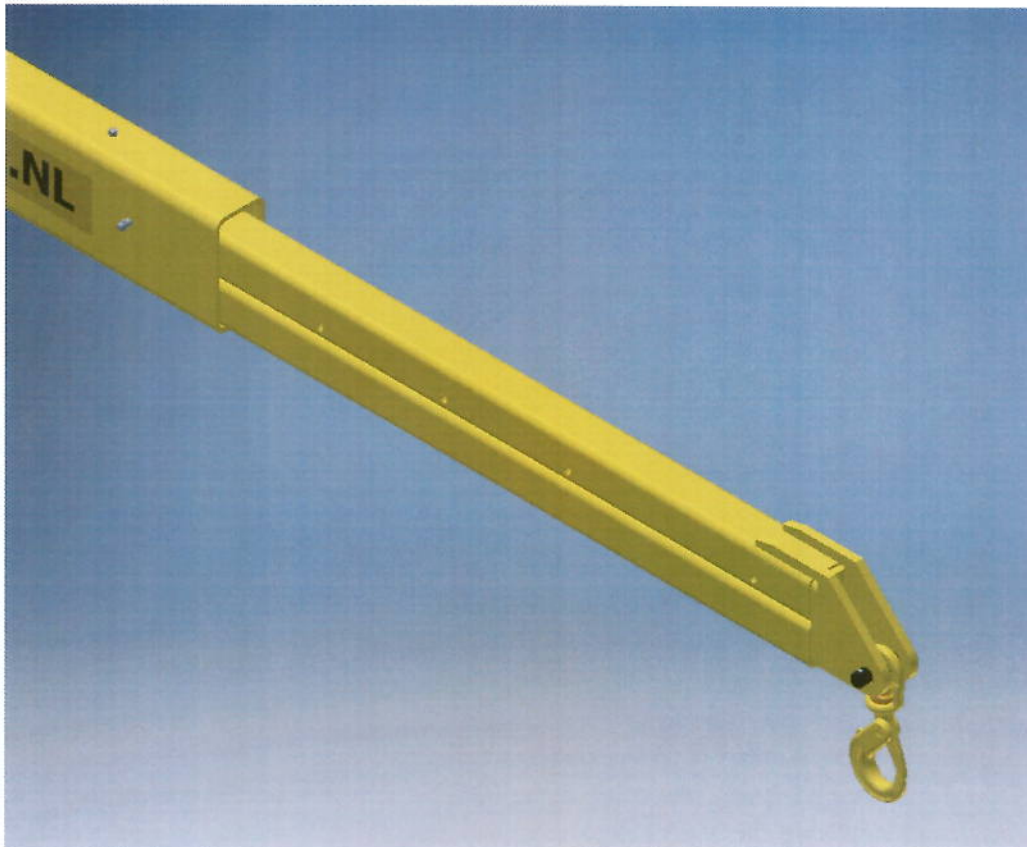


Fig. 3.4 'Front head arm'

The length of the front head arm is adjustable and mounted by a pin into the tab hole of the machine frame. The allowable length of the front head arm is depending on the load and the number of counterweight-plates.

The length of the front head arm is different in each situation and is adjusted by Bomecon. It's forbidden for the user to change the length of the front head arm, before contacting Bomecon.

Work load limit by maximum length of the front head arm:

Attachment A: 'Maximal hoisting load at various positions'

3.5 Chains

The Maxi-steker has 2 chain slings, which carry the machine with the load. The chain in the front is much stronger, and takes the biggest load. Both chain slings are equipped with a master link, connected in the hook of the crane (see H3.1).



Fig. 3.5 '2 chain slings'

Warning! The chain slings are connected by Bomecon and may never be changed by the user. It's important that the biggest chain sling is mounted in the front.

3.6 Transport support

The machine has a removable support, which is connected when the machine is transported or when the machine isn't in use.



Fig. 3.6 'removable support'

This takes care for a stable placement.

3.7 General safety instructions:

- ◆ Putting together the Maxi-steker should be done by an Bomecon.
- ◆ It is prohibited to hoist more than the maximum permitted load.
- ◆ It is prohibited to hoist loose piled material.
- ◆ It is prohibited to hoist the load attached to the packaging material.
- ◆ It is prohibited to use the Maxi-steker for the transport of persons.
- ◆ It is all times forbidden to be under the load during or after hoisting.
- ◆ Safety is crucial. Therefore careful control is necessary when one knows or supposes that the Maxi-steker has been overloaded, it is important – to ensure the safety – contact Bomecon Nijkerk and report this.
- ◆ It is prohibited to after to conclude of damage (deformation and breakage), eg by overloading, to continue working.
- ◆ The Maxi-steker has to be tested with a trail load of two times the working load according to the European Standard NEN-EN 13155
 - after production
 - after reparation
 At least once a year and after intense usage the Maxi-Steker must subjected of a visual inspection. (Consult your manufacturer for information on this procedure).
- ◆ It is absolutely forbidden to align the parts by means glowing.
- ◆ To prevent damage, the Maxi-steker may only be moved with the 2 chain slings.

3.8 Not allowed use:

It is not allowed to use the Maxi-steker 25000 else than explicitly described in this manual. In case of doubt or lack of clarity always consult Bomecon Nijkerk.

4. Maintenance

For a proper maintenance one should carry out the following activities, on a monthly basis.

- Control hinge pins
- Control all pivot points
- Repair damages in time
- Control spring clips, tab hole pins and replace if necessary.

The maintenance activities, mentioned in the operation instructions may only be executed by Bomecon mechanics.

In view of safety, maintenance activities may not be executed at the Maxi-steker during hoisting.