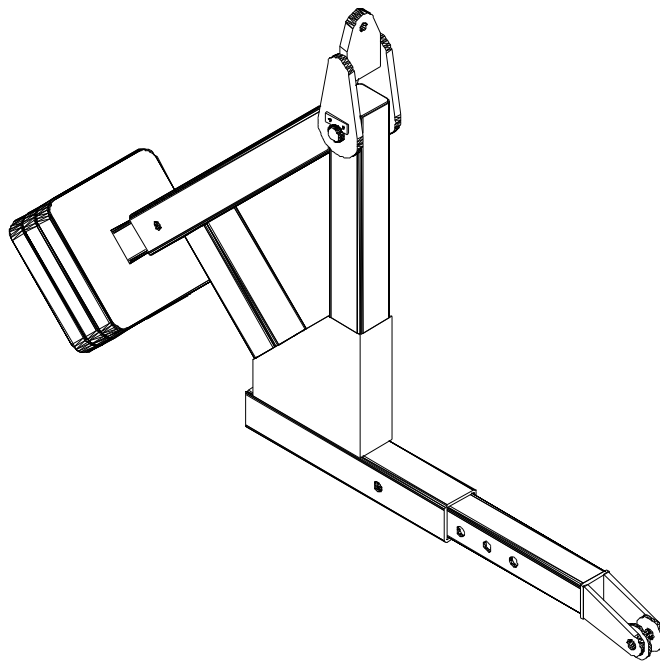


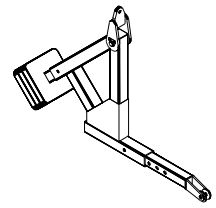
User - Manual

Op- Steker II ©



BOMECON - NIJKERK ©

Phone: 033 – 246 32 00
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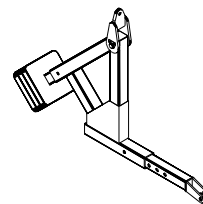
USER MANUAL

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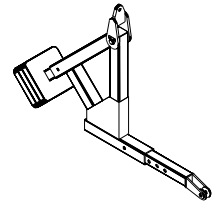
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BOMECON NIJKERK CONSTRUCTION AND RENTAL

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Attachments:	
A.	Adjusting the counter weight beam
B.	Maximum hoisting load at various positions
C.	Certificate Aboma/ AMTeK
D.	Declaration Bomecon Nijkerk B.V.



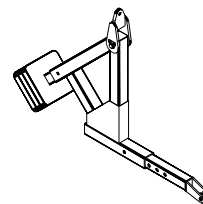
1.General

This machine 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 machine.

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 manual has been based on the most recent information available. They are provided with the restriction of possible later modifications.

This user guide contains usefull and important information for a proper operation and maintenance of the machine. Also it contains important information to prevent accidents and damages when installing and running the machine. Following the directions will allow a safe and trouble-free operation of the machine.



2. Data :

2.1 Data Op- Steker

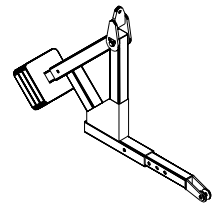
Manufacturer	BOMECON- NIJKERK
Type	<i>II</i>
Model	Op- steker
Weight	675 kg + 81 kg/Plate
Working load limit	1.500 kg
Serial number	532
Year of construction	2001

2.2 Manufacturer

For complaints and problems regarding the operation if the Op- Steker you should contact:

BOMECON - NIJKERK
EDISONSTRAAT 14-16
POSTBUS 1017
3860 BA NIJKERK
TELEFOON: +3133-2463200
FAX: +3133-2460936
E-mail: info@bomecon.nl
Website: www.bomecon.nl

Bomecon Nijkerk®



2.3 Function of the Op- Steker II

The Op- Steker II is a device that has been especially developed to be hung in the crane hook for in order to safely load and unload building materials, directly inside the front line..

The Steker – which has a central point of rotation and counter balance beam – is an universal device to which a safety swivel has been connected. that can carry a four leg sling , a pallet fork, or a stone-clamp. It is also possible to connect a lifting beam and fork to insert window frames and place cavity walls.

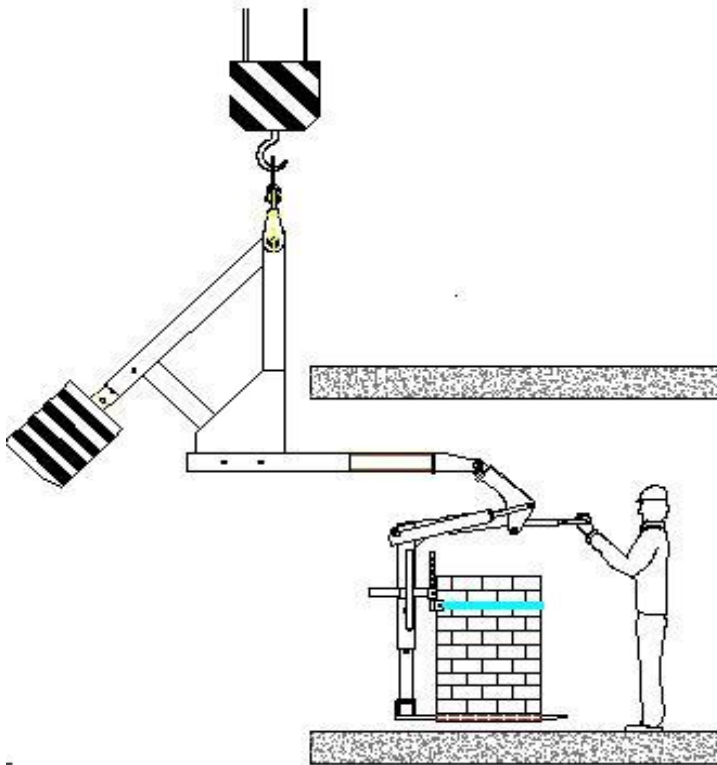
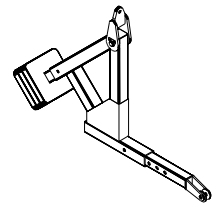


Figure 2.1 Working method of the Op- Steker



3. How to install the Steker.

3.1 Connecting the Op- Steker II:

Sling on the Op- Steker II by placing it into the crane hook.(Use tilting yoke with the right working load limit, Should meet the performance requirements of Federal Specifications).

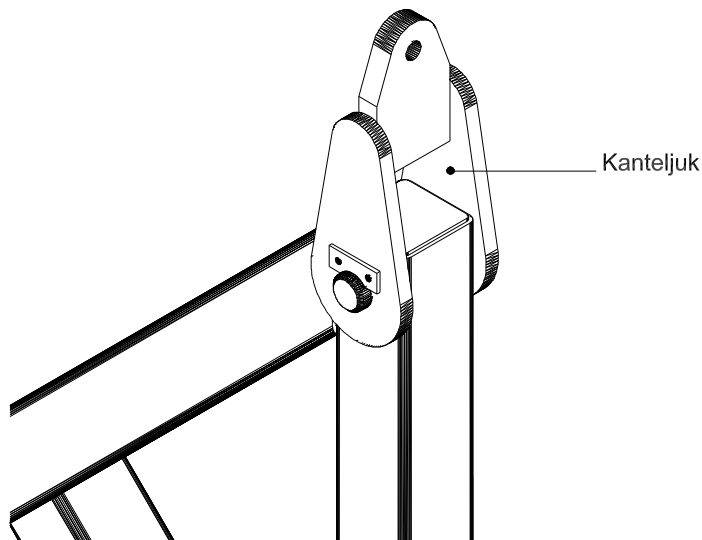
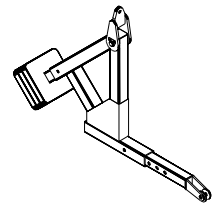


Fig.3.1 : “ tilting yoke”

The location of the tilting yoke is indicated in above figure 3.1. The tilting yoke - with anchor shackles and masterlink – is part of the Op- Steker II. Warning: the above instruction have to be followed for a safe operation of the Op- Steker II. Always check the use the cotter pin. Use bolt type anchor schackles with thin head bolt-nut with cotter pin !



3.2 Adjustment of the Op- Steker

It is of utmost importance for Bomecon to know:

- The depth of inserting (the beam).
- The working load

This information will determine the type of steker and the maximum counter weight.

The user must at all times adhere to the loading limits as instructed by Bomecon. Bomecon will provide a loading diagram to determine the counter weight. See loading diagram.

Do never hoist more than the effective load (inserting depth x load) as instructed by Bomecon.

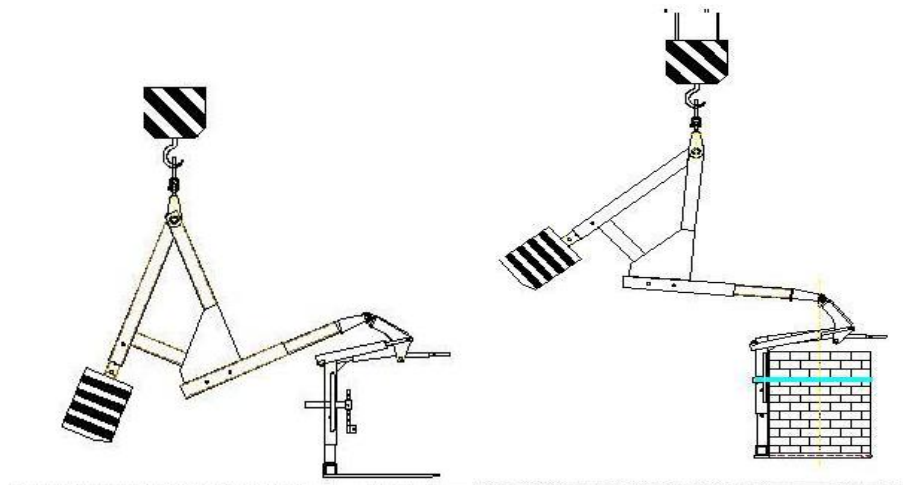
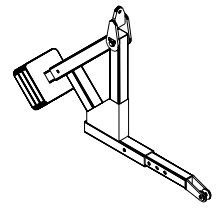


Fig. 3.2 'Hoist Op- Steker'



3.2.1 Adjustment of the counter weight

The counter weight can be adjusted by sliding the counter weight required around the adjustable socket. Consult the loading diagramme provided by Bomecon.

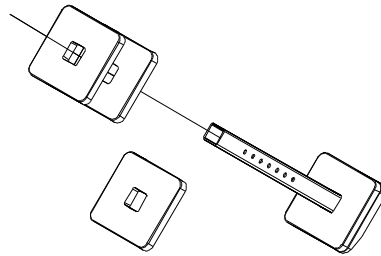
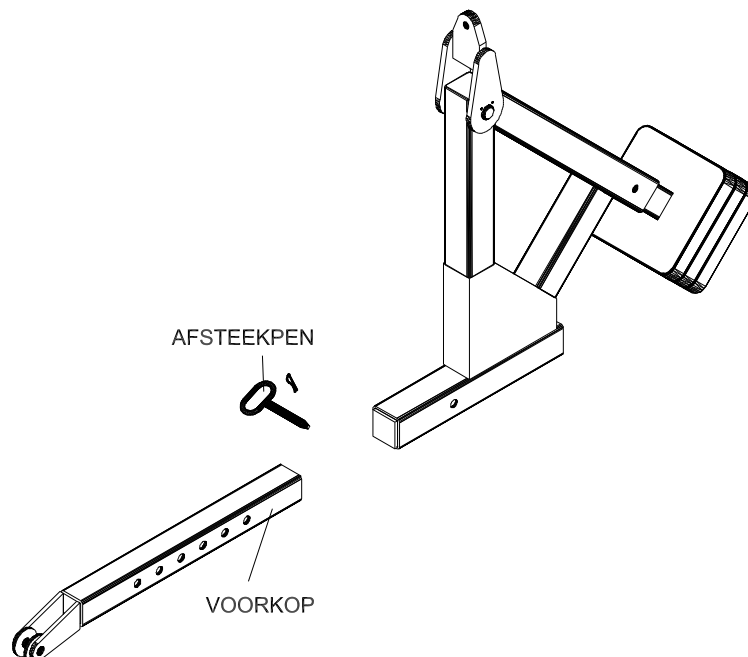


Fig. 3.3. 'adjustable socket - counter weight.'

At Attachment A are the difference longitude of the counter weight displayed

3.3 Adjustment of front head beam



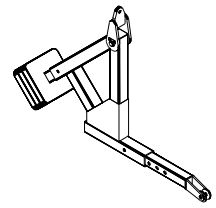
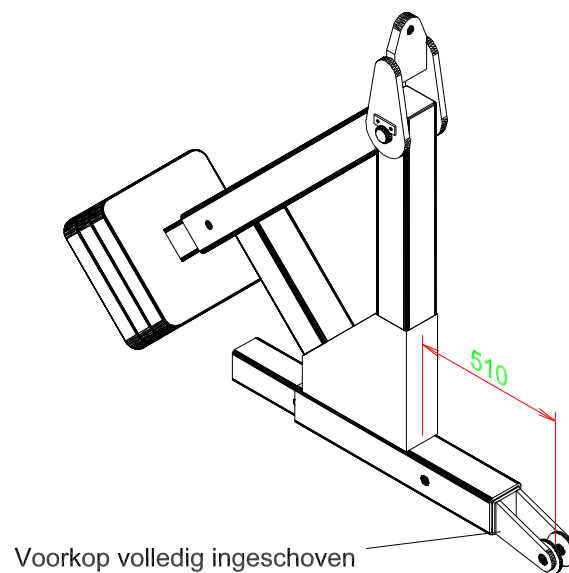


Fig. 5 'Front head arm'

The front head arm is adjustable in length and has a number of tab holes which allow the user to change the length. Determine the length on basis of the loading diagram and place the pin into the tab hole of the frame and close with a locking pin

Maximally hoist weight at maximally length of the front head beam

See hoist model at attachment B



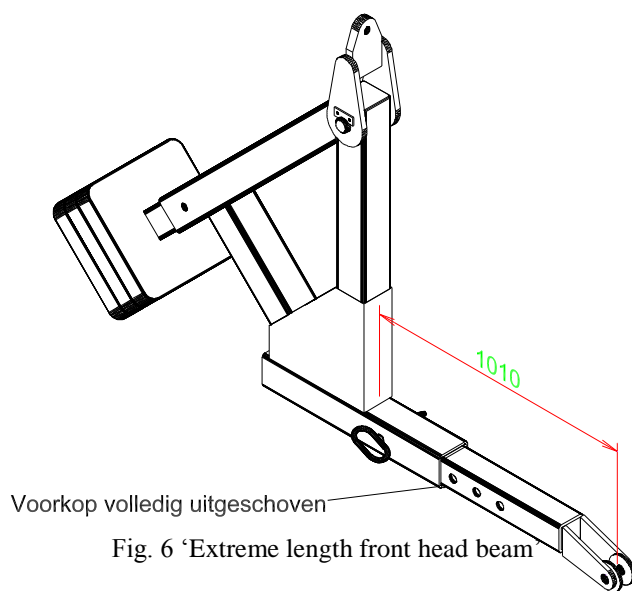
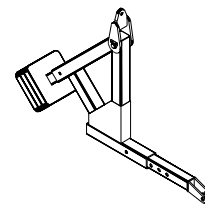
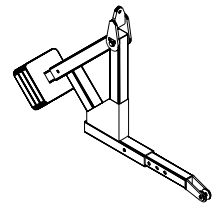


Fig. 6 'Extreme length front head beam'



3.4 General safety rules:

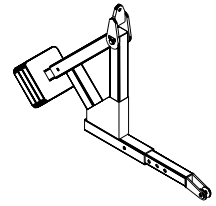
- It is prohibited to hoist more than the maximum permitted load.
- When working with a pallet hook, one must check carefully whether the load is well placed on the pallet and whether the load is wrapped around with foil or nylon straps. It is forbidden to move a pallet with loosely stacked material.
- It is prohibited to hoist the load attached to the packaging material.
- It is prohibited to use the Op- Steker for the transport of persons.
- It is at all times forbidden to be under the load during or after hoisting.
- Control the Op- Steker regularly on deformation and breakage. If required you should consult an expert mechanic. After reparation the Inserter has to be tested again!
- The Op- Steker has to be tested with a trial load of two times the working load according to the European Standard
 - after production
 - after intense usage
 - after reparation

Consult your manufacturer for information on this procedure

- Safety is crucial. Therefore careful control is necessary when one knows or supposes that the Op- Steker has been overloaded.
It is absolutely forbidden to align the parts by means of glowing

3.5 Warnings for improper usage of the equipment

It is forbidden to use the Op- Steker in any circumstance which is not in accordance with the nature, specifications or instructions laid down in this user guide. When in doubt, always consult Bomecon.



4. Maintenance

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

- Control hinge pins and bearing bushes on play and replace parts if required.
- 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 expert mechanics.

In view of safety, maintenance activities may not be executed at the Op- Steker during hoisting. The Op- Steker must stand on a fixed basis