Lifting Systems

CHPH

Owners Manual - Horizontal Clamp, Pipe Hook

www.gunnebolifting.com
Please carefully read the safety instructions of this owner’s manual before using the safety lifting clamp. In case of any doubts, please refer to your dealer! Our manuals are intended to be a reference source throughout the lifetime of your product. We appreciate any suggestions, and/or comments regarding this manual. Due to continuing research and development activities, product specifications are subject to change without notice.
1  General

Congratulations with the acquisition of a Gunnebo Lifting safety plate lifting tube hook. The quality systems of management and services of Gunnebo Lifting fully comply with ISO 9001 standards. The many years of vast experience are a guarantee of optimum quality and safety. Gunnebo Lifting clamps and hooks are made of top quality steel and fully comply with European standards as laid down in Machine Directive 2006/42/EG.

2  Operating Principle

3  Permitted Applications

The Gunnebo Lifting CHPH tube hooks are exclusive useable for lifting and horizontal transport of tubes and profile tubes. The Gunnebo Lifting CHPH tube hooks can only be used in a pair or separately with using a 2 way or a 4 way sling.

Notice: CHPH tube hooks can only be used when respecting our quoted top angles.

4  Safety Instructions

Safety first! Guarantee your personal safety by carefully reading the following safety instructions first.

Ensure your own safety and continue to benefit from our product safety by having the tube hook inspected, tested and, if necessary, overhauled at least once a year by Gunnebo Lifting or another recognized mechanical repair and service centre. See also Chapter 8 - Overhauling. Contact for further information.

Avoid situations dangerous to life
- Never work with an untested or disapproved lifting tube hook.
- Always keep a safe distance when lifting and never stand under the load.
- Do not use the tube hook if damaged; have the tube hook repaired by Gunnebo Lifting or another recognized mechanical repair and service centre. If in doubt consult your supplier.
- Never lift tubes heavier than the w.w.l., as indicated on the hook and the test certificate.
- Do not lift plates which are thicker than the jaw opening, as indicated on the tube hook and the test certificate.
- Ensure that the lifting shackles on the tube hooks are never subjected to lateral load.
- Do not place the tube hook on tapered or conical shaped sections of the tube.
- Remove all grease, oil, dirt, corrosion and mill scale from the plate at the point where the tube hook is to be attached.
- The tube hook is only suitable for use in normal atmospheric conditions.

Safety Precautions
- Make sure that the CHPH tube hook is never subjected to lateral load.
- A free-fall or uncontrolled swaying at the crane hook resulting in objects being struck may cause damage to the tube hook. If this happens check whether the tube hook is in good working order before using it.
- The tube hook should be subjected to a regular maintenance interval on a monthly basis; see Chapter 6 - Maintenance.
- Do not modify the tube hook (by welding, grinding, etc.), as this can adversely affect its operation and safety, thereby nullifying any forms of guarantee and product liability.
- For this reason, only make use of genuine Terrier components!
- Any improper use of the tube hook and/or failure to observe any directions and warnings in these operating instructions concerning the use of this product may endanger the health of the user and/or bystanders.

5 Lifting
- Verify whether the working load limit (W.L.L.) of the tube hook is sufficient for the load created in the lifting situation.
- Attach the lifting tube hook to the hoisting mechanism:
  - directly to a crane hook by means of a safety shackle,
  - by means of a coupling link or D-type shackle,
  - by means of a sling or chain, if necessary, in conjunction with a coupling link or D-type shackle.
- Ensure that all attachments have been tested and are of the correct tonnage. Make sure that coupling links and shackles are large enough to allow the tube hook to move freely in the hook.
- Check whether the tube hook has any visible damage.
- Check frame and jaw opening for defects, cracks and transformation.
- Check if the locking pins are locking the synthetic material.
- Check if the top-angles correspond with this manual.
- Remove any grease, dirt and mill scale from the plate at the tube of the lifting tube hook.
- Place the hooks as far as possible in the tube.
- Lift gently to allow lifting force to be applied.
- Make sure that the load is in a stable position before loosening the hooks from the tube.
6 Maintenance

The Gunnebo Lifting CPH tube hooks are pieces of security tools. In usage the hooks have to be clean. This promotes the lifetime and safety of the hooks. The synthetic material of the jaws must also always be clean. Avoid synthetic material is in contact with oil. We advise a yearly accurate inspection by dismantling the hook by a Certificated Partner of Gunnebo Lifting.

If you guess your Gunnebo Lifting CPH tube hooks are overloaded, contact directly a Certificated Partner of Gunnebo Lifting or contact Gunnebo Lifting.

If the hooks are transformed by overloading, stop using them. Never repair or change spare parts by yourself. Also never heat a tube hook, because the Gunnebo Lifting CPH tube hooks are made of top quality steel. (Heating will destroy the structure of the steel)

Remarks
No modifications are allowed at our hooks.
7  **Disassembling/Assembling**

**Disassembling**
Remove locking pins which are locking the synthetic material.
Remove both synthetic material. (This is also for checking the hook for transformation).

**Assembly**
Backward the procedure above.

**Remarks**
For your own security always use original Gunnebo Lifting spare parts. Checking and repairing by yourself or a not Certificated Partner of Gunnebo Lifting is not allowed and after that not our competence.

After inspection and/or repair always test the hooks at a testing bank

8  **Overhaul**

At least once a year, or if occasioned by damage to the tube hook, the lifting tube hook should be inspected, tested and if necessary overhauled by Gunnebo Lifting or another recognized mechanical repair and service centre.
If in doubt refer to your supplier.

9  **Disposal**

Once it has reached the end of its useful life, the tube hook can be treated as scrap iron, provided that the tube hook is rendered unfit for use.