

## FOR RADIATOR AND DRY COOLER

### SEAWORTHY PACKING HANDLING



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## INSTRUCTIONS

Subject to changes without prior notice

Original Instructions  
31430244EN-02

## Terms Used in the Manual

### ALWAYS READ INSTRUCTIONS BEFORE HADLING THE PACKAGE





#### Warning and note

**WARNING!** Includes information, the negligence of which might result in accident or fatality.

**NOTE!** Includes information, the negligence of which might cause damage to unit, environment, assembly or service.







## Warning Signs

In this page all the warning signs of this instruction are summarized.


	General warning
	Overhead load
	Forklift trucks and other industrial vehicles
	Sharp element Contact with sharp element (ie. fin) can cause injuries

## Protection Signs












In this page all the protection signs of this instruction are summarized.

	Wear eye protection Use eye protection: protective cover, protective glasses or face protection
	Wear protective gloves Use hand protection: protective gloves must protect against mechanical and chemical dangers.
	Wear protective cloathing
	Wear safety footwear
	Wear head protection
	Ear protection

## Operator Qualification Signs

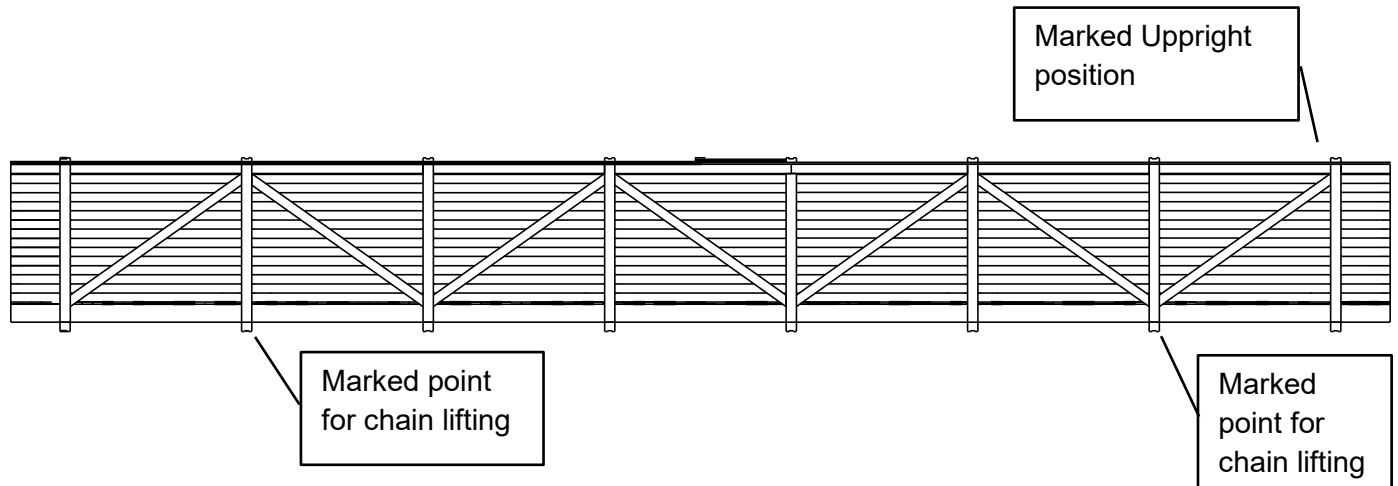
	Lifting and moving equipment operator, a qualified operator capable of using the lifting and moving equipment for the materials and machine (while scrupulously following the manufacturer's instructions) in compliance with laws in force in the nation of use.
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## Residual Risks

  	<p><b>WARNING!</b></p> <p>Before lifting please check from the transport documents or from the product nameplate the unit weight and make sure that the lifting device, crane or truck are appropriate.</p> <ol style="list-style-type: none"> <li>1. Attach the belts or hooks only to the lifting lugs</li> <li>2. Be sure that the belts or slings with hooks will lift the equipment in balanced way</li> </ol> <p>Do not stay under the unit being hanged!</p> 
	<p><b>WARNING!</b></p> <p>Do not stay under the unit or walls/parts being hanged!</p> 
	<p><b>WARNING!</b></p> <p>Be sure to wear the proper personal protection equipment PPE when using a crowbar. Never apply force quickly to an object you are prying apart. And be sure to be aware of yourself and other to prevent injury.</p> 
 	<p><b>WARNING!</b></p> <p>To avoid falling of a seaworthy package</p> <ul style="list-style-type: none"> <li>• Max 3 unit on top of each other.</li> <li>• The packages must be placed in line.</li> <li>• Store packages always in flat straight area.</li> </ul> 

## The Visual Inspection of Seaworthy Packing

Check possible transport damages. The supplier is not responsible for the costs caused by broken equipment as a result of faulty handling or transport damage. Check the marked points in the seaworthy packing. Ensure the weight and dimensions of package from **PACKAGE LIST**.



## Lifting, Storing and Moving the Package



### WARNING!

Before lifting please check from the transport documents or from the product nameplate the unit weight and make sure that the lifting device, crane or truck are appropriate.

1. Attach the belts or hooks only to the lifting lugs
2. Be sure that the belts or slings with hooks will lift the equipment in balanced way

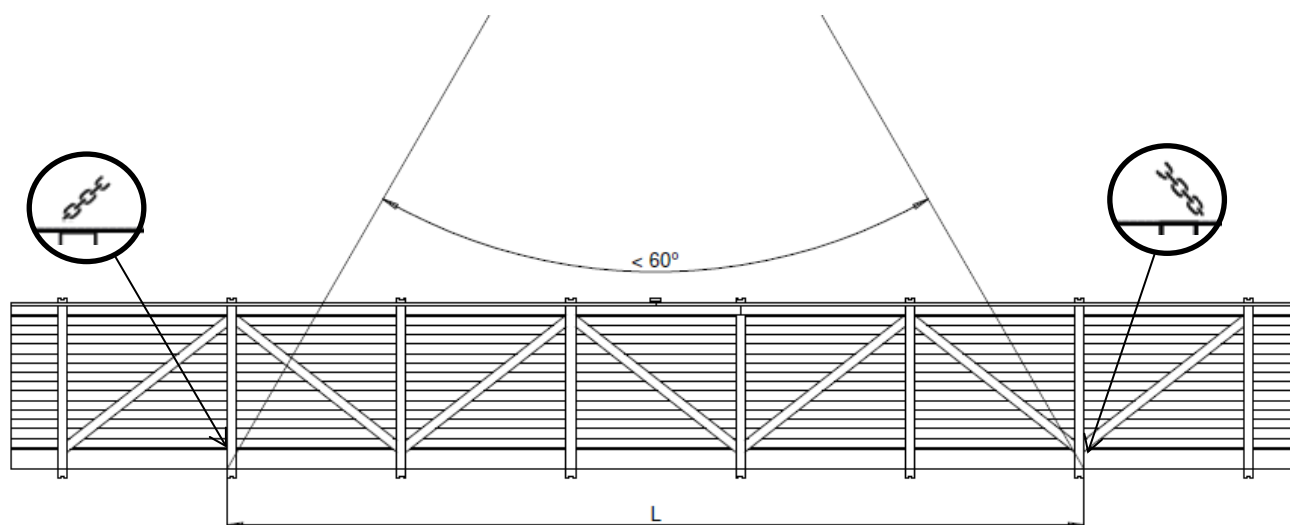
Do not stay under the unit being hanged!



## Lifting and Moving the Package

Ensure the lifting weight and use appropriate lifting equipment.

### Lifting with chains



#### **NOTE!**

Use all marked points for lifting. The minimum length of a lifting chain, when no lifting beam is used = distance of lifting points L.

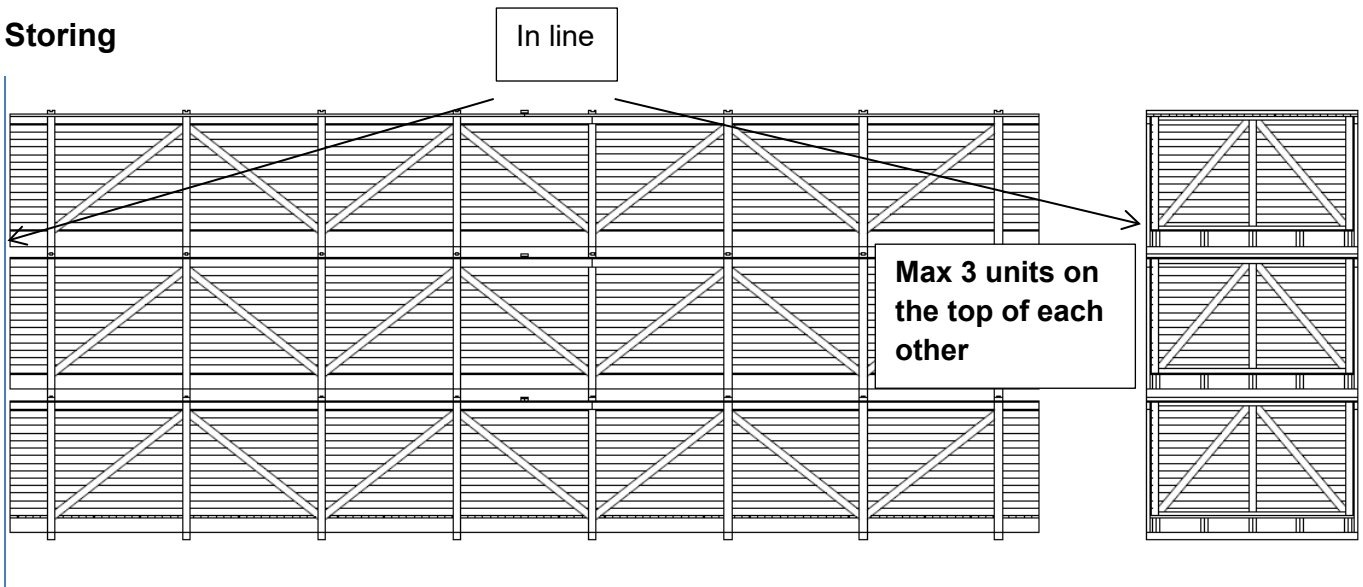
### Lifting with forklift

Note and use the balance point of packing, when lifting the unit with forklift.

Lifting forks should be placed under appropriate areas of the wooden seaworthy packing. The minimum width of forks is 1800 mm and the minimum length of forks is 2000 mm.



## Storing



### WARNING!

To avoid falling of a seaworthy package

- Max 3 unit on top of each other.
- The packages must be placed in line.
- Store packages always in flat straight area.



## The Opening of the Seaworthy Packing



### WARNING!

Do not stay under the unit or walls/parts being hanged!



### WARNING!

Be sure to wear the proper personal protection equipment PPE when using a crowbar. Never apply force quickly to an object you are prying apart. And be sure to be aware of yourself and other to prevent injury.



### NOTE!

Be careful not to damage unit when removing the package.



1. Remove the roof of packing (2 pcs).  
Use crowbar and lifting tools if available



2. Open the sidewalls with crowbar, Use lifting tool to prevent wall to collapse



3. Remove end walls



4. Remove top and side beams



5. Take loose flanges from the package (if included)

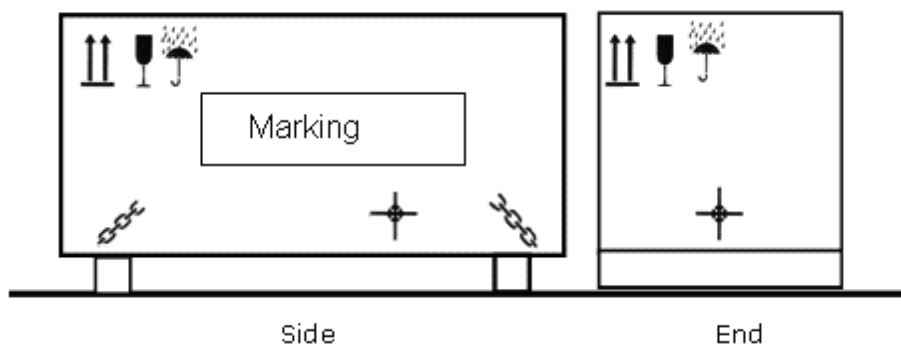


6. Open the bolts fastening the unit to package, remove fastening supports from the legs and lift the units according to **instruction manual of the unit**

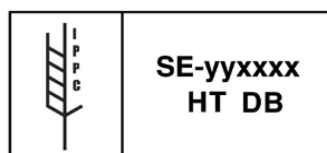




## Markings according to ISO780



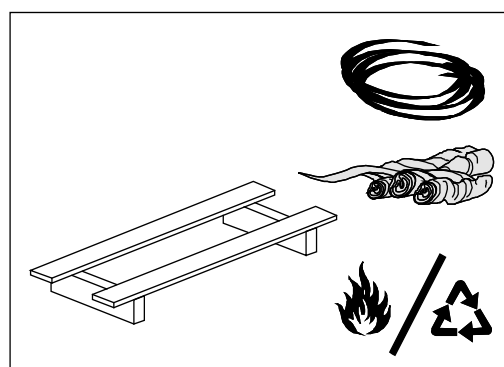
Also IPPC symbol (ISPM 15) is stamped to the both side of the units.



## Recycling

All packing materials are suitable either for recycling or for energy recovery.

Wood material is according to ISPM 15.





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