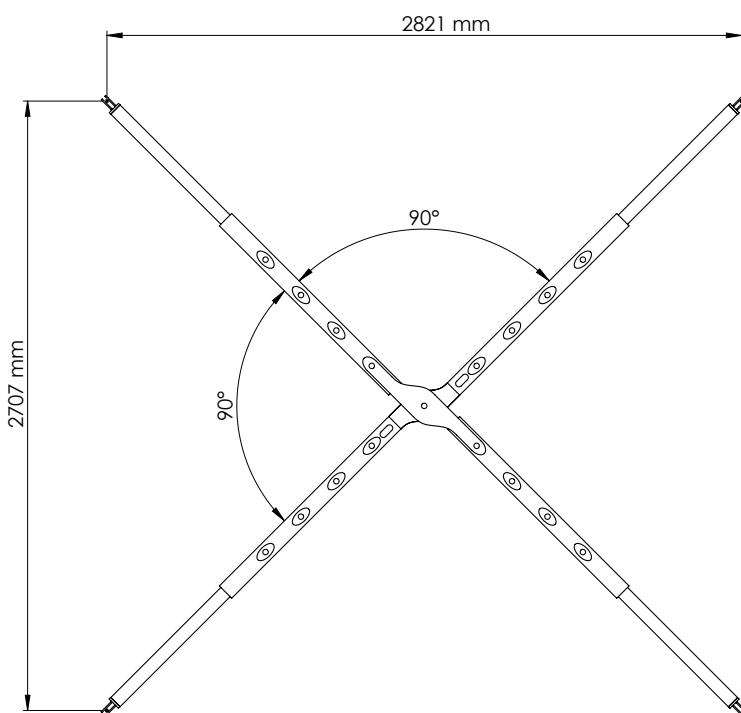
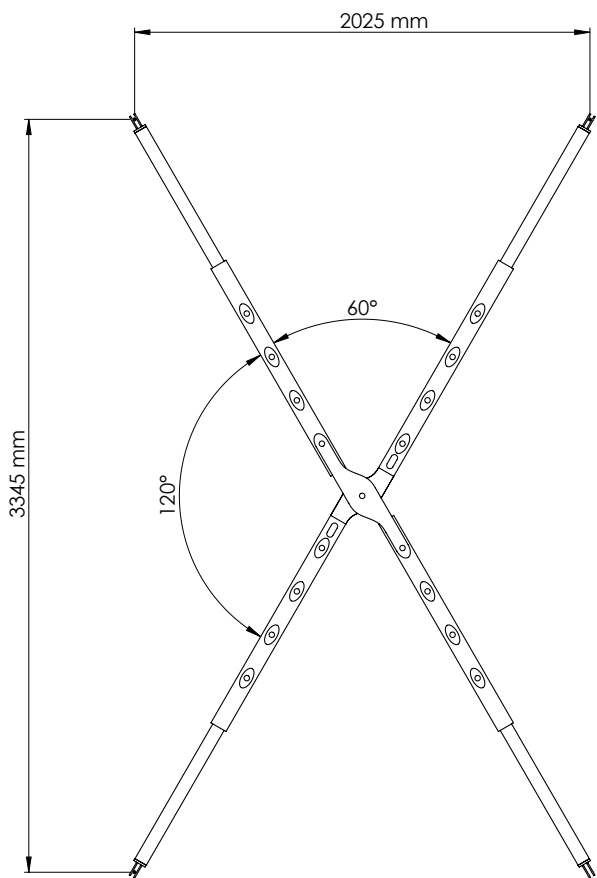


Max load: 10 ton
Material: Aluminium
Weight 45 kg

40° = 8.3tn max.
45° = 7.0tn max.
50° = 5.8tn max.
55° = 4.9tn max.
60° = 4.0tn max.



Instructions for use

Application area

The ALUEX5 lift spreader is designed to help with lifting objects. The purpose of the lift spreader is to spread the lifting straps away from the object. The lift spreader is adjustable, enabling lifting to be made as safe as possible. Read and follow the instructions for use so that the lift spreader is used without risk. Give a copy of these instructions for use to all ALUEX users.

The lift spreader must not be used for any lifting for which it is not designed. The maximum permitted lifting angle for the lift spreader is max 25° at 5 000kg (see Figure 1). Undue strain must not be placed on the lift spreader (see figure 2 and figure 10). Always check that the arms of the lift spreader can move freely (see figure 3). The maximum lifting weight is 5 000 kg with 25° lifting angle. For larger lifting angles the maximum load needs to be limited as follows:

30° = 4.1tn max.

35° = 3.4tn max.

40° = 2.8tn max.

45° = 2.4tn max.

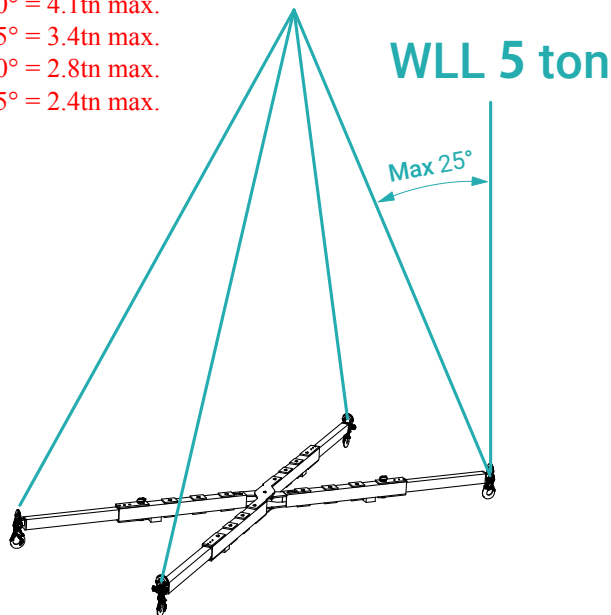


Figure 1: The lifting straps must be of the same length. The packaging contains these items (see Figure 4):

- Frame section
- 4 x end brackets
- 4 x guide pins
- 4 x links for lifting with chains

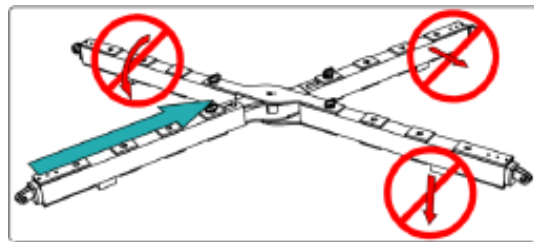


Figure 2: The lift spreader may only be loaded inward

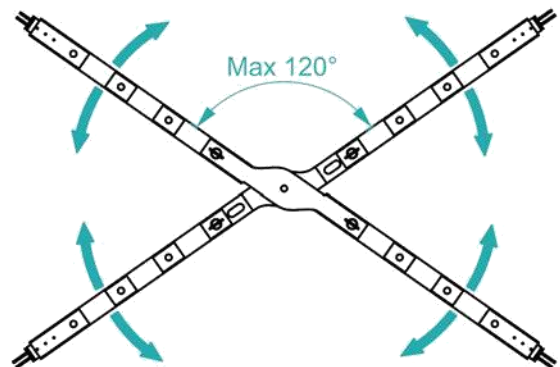


Figure 3: The arms of the lift spreader must be able to move freely. The maximum opening angle for the lift spreader is 120°.

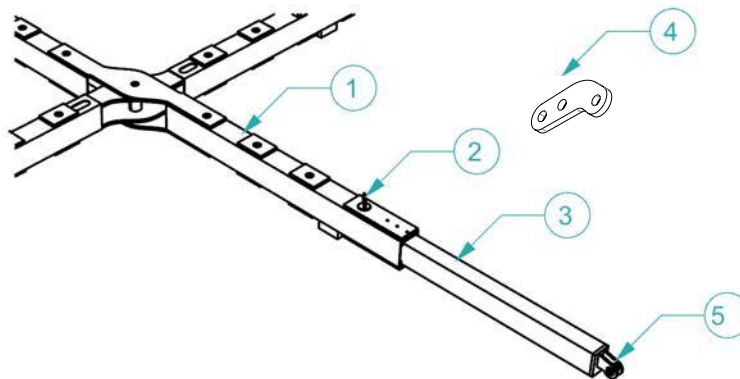


Figure 4: Lift spreader parts: 1 Frame section, 2 Guide pins, 3 End brackets, 4 Links for lifting with chains, 5 Attachment point

Commissioning

Before commissioning, the user must check that all the parts of the lift spreader are present. All parts should be checked to ensure that they are not damaged. If defects are discovered during commissioning, the lift spreader must be returned to the dealer. Commissioning must take place as directed in the instructions for use. The lift spreader must be assembled as shown in **Figure 5**.

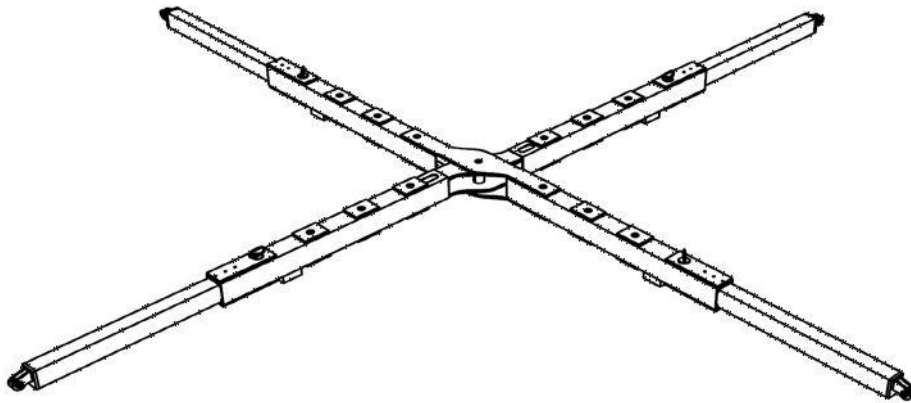


Figure 5: Lift spreader assembled

The lift spreader can be used outdoors. The lift spreader must be used at temperatures between -35 °C and 50 °C. The lift spreader is able to withstand moisture, but it must be dried and cleaned after use and before storage.

Use

The lift spreader is adjusted to the correct length prior to use. All adjusting beams must always be set to the same length when used (see **Figure 6**). The length of the spreader must always be adjusted using the guide pins. The fastening of the pins must always be checked prior to use. The correct length is always the same length as or shorter than the width of the object max 6° angle (see **Figure 7**). The lifting straps are attached to the attachment points at the ends of the spreader.

When lifting using chains, hooks and suchlike must not touch the lift spreader itself. (see **figure 8**)

Use the enclosed link (**part 4 in Figure 4**) when lifting with chains (see **Figure 8**).

The lift spreader must only be used within its lifting range and at an appropriate temperature. The lift spreader cannot guarantee the correct type of lifting situation, or that the lifting line will not break.

Under no circumstances must the lift spreader be used in a manner not specified in the instructions for use.

Attachment at any location other than the attachment points is strictly prohibited! (See **Figure 9**)

The lift spreader may be used for a maximum of 16,000 load cycles

The lifting spreader must not be exposed to foreign objects such as acids, chemicals, etc

Protective gloves must be worn when handling the spreader

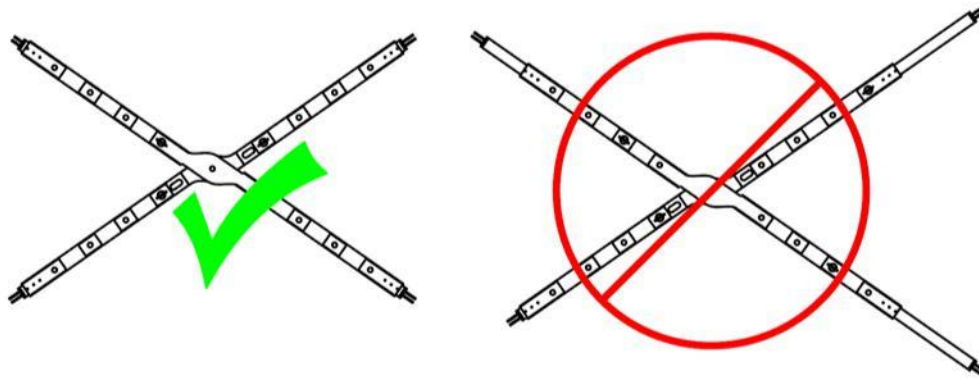


Figure 6: The beams must be set to the same length

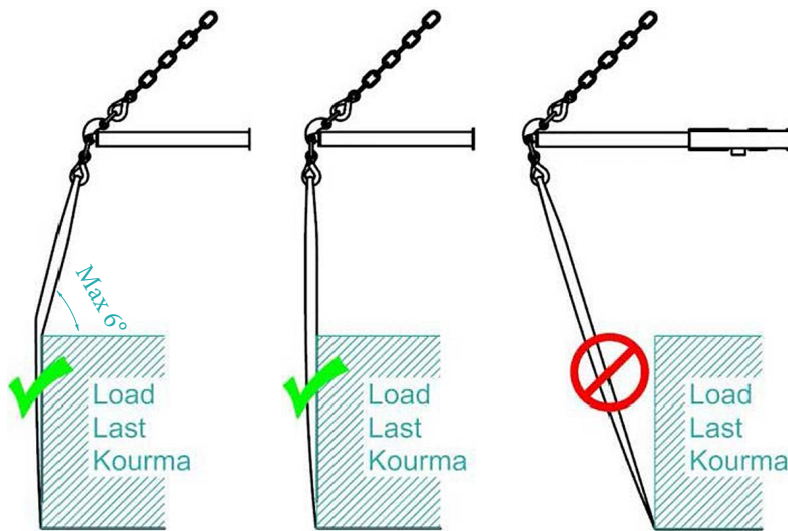


Figure 7: The lift spreader is set to the correct length when it is as long as or shorter than the width of the load max 6° angle

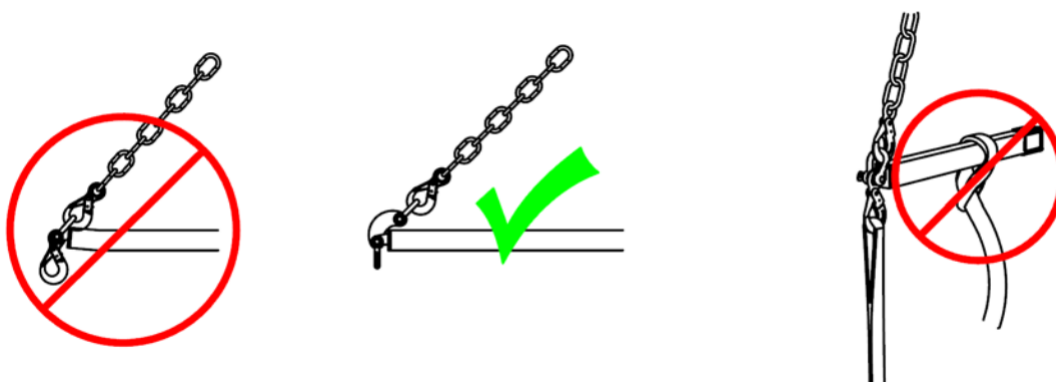


Figure 8: When lifting using chains, hooks and suchlike must not touch the lift spreader itself. Use the enclosed link when lifting with chains.

Figure 9: Attachment at any location other than the attachment points is **strictly prohibited!**

The lift spreader must not be used under the hazardous circumstances, e.g. in strong winds (the load may sway). The lift spreader must not be used to lift people. When lifting loads, it is necessary to check first that there is nobody beneath or in the vicinity of the load. The lift spreader may only be used for lifting for which it designed. **The centre of gravity of the load must be located centrally beneath the lift spreader (see Figure 11).**

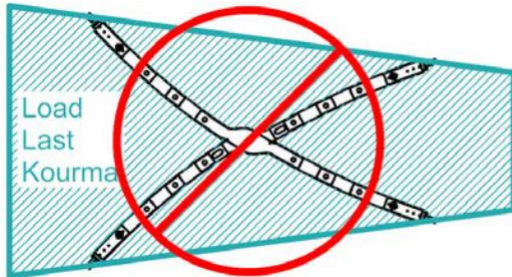


Figure 10: The points where the lifting straps leave the load must form a rectangle

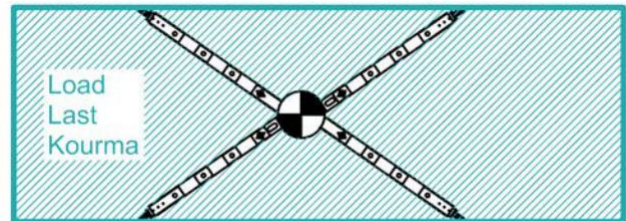


Figure 11: The centre of gravity of the load must be located centrally beneath the lift spreader

Users of the lift spreader must be aware of the purposes for which it can be used. No special training is needed to use it, but the user should be aware of the lifting process before using it. The user must read the instructions for use before using the lift spreader. The user must check the condition of the lift spreader prior to use.

Handling and storage

The lift spreader must be stored indoors and protected against moisture and weather. The lift spreader must be secured while in storage so that there are no residual tensions in the lift spreader's attachment points. The device must be stored in the maximum folded position. The lift spreader must be dried and cleaned prior to storage.

Maintenance and inspection

The condition of the lift spreader must always be checked prior to use. The attachment points of the lift spreader must be replaced if they are damaged or clearly worn. The lift spreader must be inspected once a year. All brackets and the general condition of the product must be reviewed in this case. The lift spreader must be opened for inspection, and all guide pins must be checked individually. The product must be taken out of service if it is damaged. The guide pins must be replaced if they are damaged. Only original spare parts are approved

Maximum lateral clearance is 15mm on the extension

The annual inspection must be noted in the inspection log.

