



Op 42

Lowliner Jibs – “LLJ” Series

Specification:

Designed for mounting directly onto the forks of an industrial fork lift truck to enable unpalletised loads to be handled using the swivel hook provided.

Operation:

Slide the forks of the truck fully into the fork pockets until the pockets are tight against the upright section, (“shank”) of the fork. Fit the heel retaining pins ensuring that they are positioned fully through both retaining arms.

To use the jib, drive the truck forwards until the hook is directly over the lifting position. If straps, slings or chains are being used ensure the hook is mid-position on them. Once securely hooked, the load can then be lifted ready for transportation.

In travelling mode, the bottom of the load shall not be higher than 300mm from ground level and the mast shall be either substantially vertical or tilted backwards.

The load rating of a truck fitted with a jib shall not exceed the truck’s rated capacity with fork arms. The truck must be operated only on substantially firm, smooth, level and prepared surfaces.

When a fork lift truck is fitted with a jib having a hook and shackle, it is subject to various regulations dependent on it’s operational site, and is considered as a mobile crane with respect to the requirements of the clause following. Although movement of the hook can be achieved by tilting the mast, this is not considered to be a jib where a safe load indicator is required.

When a jib is attached to a fork lift truck it is important to note that the truck is deemed to be a crane covered by section 27 of the Factories Act 1961. Guidance on regulations is given in the HSE booklet entitled “A guide to Lifting Plant and Equipment (records of Test and Examinations etc.) Regulations 1992.

Under Section 27:-

- 1) A thorough examination by a competent person must be made every 12 months.
- 2) A record of test and examination must be kept.

When fitted with a jib, the truck’s lifting system when vertical shall not be elevated to raise the hook position more than 4500 mm above ground level.

Ensure that a visual examination of the jib is carried out before each period of use. Particular attention should be paid to the shackle pin holes, shackles and hook.

Through examination of the hook, shackle and eyebolt should be carried out and recorded every six months. (refer to the Factories Act 1961 section 26). Forms 2530 and 2531 may be used or their equivalent.

Ensure that the safe working loads indicated on the jib capacity chart are not exceeded.

Note: The standard hook provided swivels only to facilitate correct hook positioning prior to lifting. If regular hook rotation under load conditions is required a different hook must be fitted. The manufacturer should be consulted before repairs are undertaken.

Consult the truck manufacturer if in doubt.

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