

## Op 47

### Fork Mounted Articulating Extending Jib - "FMXA" 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.

#### **Fitting:**

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.

#### **Operation:**

Position the truck as close to the intended load as possible. Lift out the locking pin from the top of the jib arm and manually extend the centre section until the hook is in the required position. Having ensured that the truck/attachment capacity is sufficient to lift the load in the chosen position, the locking pin must then be replaced through the hole in outer and inner sections at the nearest position to that required. To raise the arm vertically, remove the horizontal positioning pin from its 'delivery' position. Using a second fork truck, overhead crane, or similar lifting device, raise the arm by placing a hook/shackle through the lifting eye positioned on top of the arm. When the arm is at the pre-determined angle closest to that required, push the Positioning Pin through the holes provided and lock in place using the 'R' clip provided. The load can then be lifted and transported, by either fitting the hook directly onto the load or by using suitable slings or chains.

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.

Always ensure that the jib is firmly fixed to the truck before extending or raising the jib arm.

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 its 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 is important to note that the truck is deemed to be a crane.

Thorough examination of the attachment, hook, shackle and eyebolt should be carried out and recorded every six months. ('Refer to the Lifting Operations and Lifting Equipment Regulations 1998' & 'The Provision of Work Equipment Regulations 1998' for further information)

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.

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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