

Raise the load just clear of the ground and double check that it is balanced, secure and safe for the final lift.

Always position yourself so you can control the lifting operation while staying clear of the suspended load.

**Move the load as required and lower the load as soon as practicable.** Do not leave a suspended load unattended.

**Take your time and don't overdo it.** You are more likely to have an accident if you are tired or rushing.

## EQUIPMENT CARE

**Never push the equipment beyond its design limits.** If it will not do what you want with reasonable ease and speed, assume you have the wrong tool for the job. Contact your local HSS Lift & Shift Depot for advice.

**Keep the equipment clean,** you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

When not in use, **store the equipment somewhere clean, dry and safe** from thieves and unauthorised users.

## FINISHING OFF

Gently lower the load and remove it from the forks.  
**Detach the Crane Forks from the crane hook.**

**Give the unit a final clean up ready for return,** to your local HSS Lift & Shift Depot.

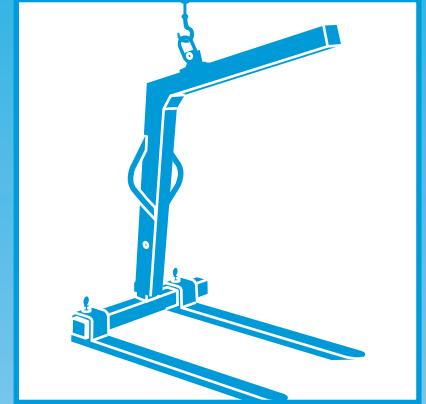


## ...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

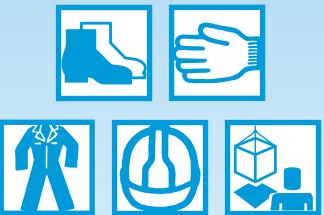
**Fax: 0181-687 5001**

# HSS Lift & Shift



# Crane Forks

A specialist crane attachment for on-site handling of palletised loads.



## GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Lift & Shift Depot.

**There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.**

**This equipment is designed to be used by an able bodied, competent adult** who has read and understood these instructions. Anyone with either a temporary or permanent disability should seek expert advice before using it.

**Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape,** available from your local HSS Lift & Shift Depot.

 **Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.**

 **Wear practical, protective clothing, gloves, footwear and a protective hard hat.** Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

 **Ensure the load is balanced and stable and that personnel stand clear of the elevated load.**

**Make sure you know how to operate this equipment safely and are aware of its limitations before you use it.**

**It is both the hirer's and the operator's responsibility to perform a risk assessment before using this equipment.** You are also responsible for the safety of any person in the work area.

**Make sure that anyone in the immediate work area is warned of what you are doing.**

**Never use this equipment near overhead power lines or similar hazards.**

**Be aware of the elevated load when close to ceilings or other overhead obstructions.**

### Warning

**This equipment MUST NOT be used to carry personnel.**

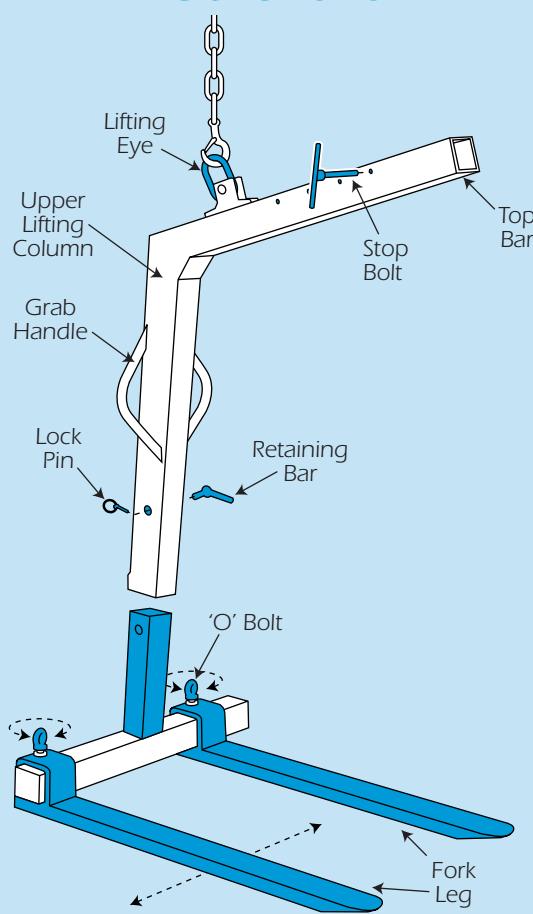
**Never exceed the equipment's safe working load of 2,000kg.**

**Do not use this equipment to raise items, which are longer than the fork.** Ensure the load is securely attached to a suitable pallet.

**Check the condition of the equipment before use.** If it shows signs of damage or excessive wear, return it to your local HSS Lift & Shift Depot.

## GETTING STARTED

### Crane Forks



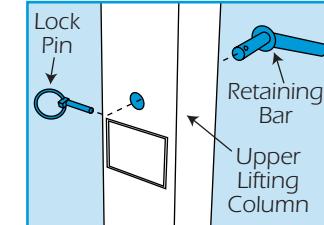
The Crane Forks are designed to lift pallet loads no greater than 1,100mm deep x 2,000mm wide x 1,650mm high. Do not exceed these dimensions.

**Attach the Crane Forks to the lifting equipment's hook, ensuring the hooks gate is correctly closed.**

**Check that the lifting equipment's SWL is sufficient for the Crane forks (105kg) and the item/s being lifted (maximum 2,000kg).**

**There are three main adjustments that must be made to this equipment, before it is used.**

**The fork legs must be adjusted to suit the width of the pallet.** To do this, loosen the 'O' lock bolts (see illustration), slide the legs evenly either in or out until the required spacing is achieved. Finally, re-lock the bolts ensuring they are secure.



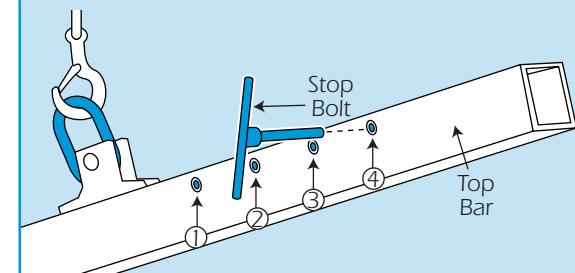
**The upper lifting column must be set to the corresponding height of the pallet load.** Remove the lock pin and extract the retaining bar, raise or lower the upper column as required. Replace the retaining bar in the nearest locating hole and replace the lock pin.

**The final adjustment is to the spring loaded lifting eye.** This eye will move along the top bar when the forks are raised and the stop bolt needs to be positioned at the load's centre point to keep the pallet balanced.

Unscrew and remove the stop bolt and replace in the location hole which corresponds to the pallet's length, see chart.

Pallet loads with a maximum depth of 500mm	position 1
Pallet loads with a maximum depth of 600mm	position 2
Pallet loads with a maximum depth of 800mm	position 3
Pallet loads with a maximum depth of 1,100mm	position 4

### Top Bar



## BASIC TECHNIQUES

Once the Crane Forks have been adjusted to suit the pallet and its load, **manoeuvre the forks into place.** If manual guidance is necessary, only move the unit using the two grab handles on the lifting column.

The load should be evenly distributed and must not exceed the lifting equipment's safe working load (SWL).

**Use the chains provided to secure the pallet to the Crane Forks.**