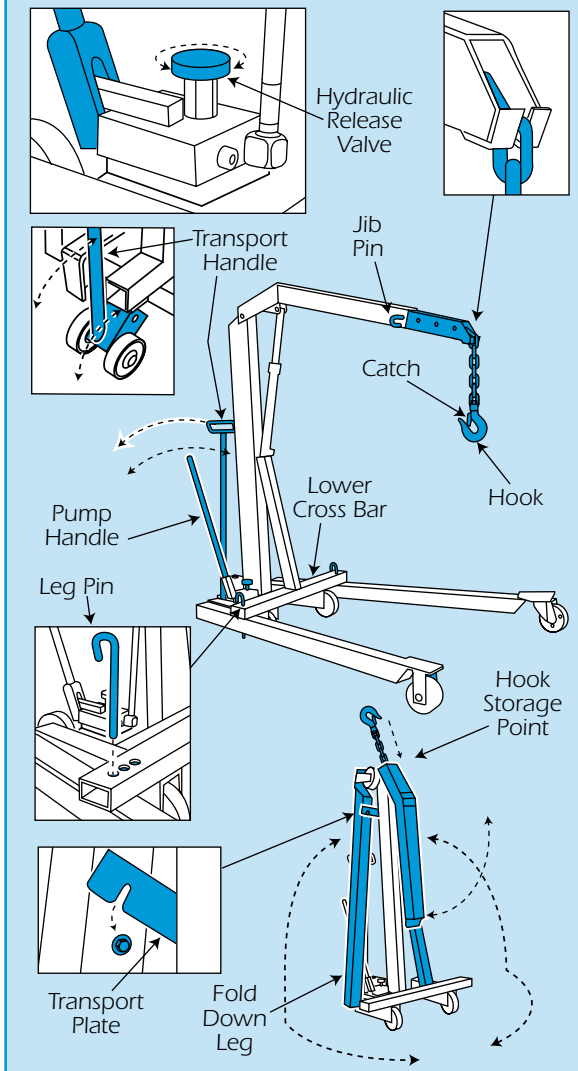


## 2000KG Crane



**load and attach the slings**, lowering the jib if need be by opening the hydraulic release valve. Make sure the slings are secure and properly seated in the hook's handle and that the hook's catch is closed.

That done, close the release valve, **crank the pump handle to raise the load just a fraction while you double-check that everything is secure** and bearing up under the weight.

Once you are satisfied, **slowly pump the crane**, making sure the load is balanced.

Whether raising or lowering, **stand clear of the crane and warn others to do the same**. In particular, do not move the load over anybody.

If you have to steady the load at any stage, then position yourself so that you and your hands won't be hurt if the load drops or swings to one side.

### EQUIPMENT CARE

**Never push the equipment beyond its design limits.** If it will not do what you want with reasonable ease, 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.

### FINISHING OFF

**Lower the jib as far as it will go, then fully dismantle the crane by reversing the instruction in 'GETTING STARTED'.**

**Give the crane a final clean 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**

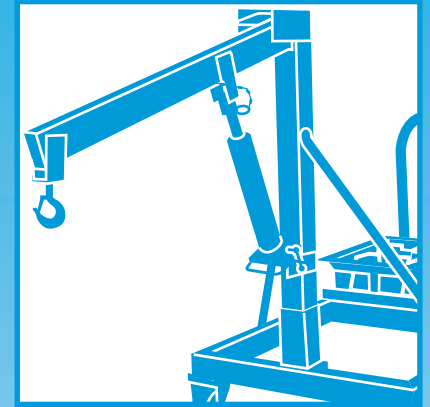
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## Operating & Safety Guide LS11

# HSS Lift & Shift



## Floor Cranes

Hydraulic standard and counterbalanced cranes for lifting items from 500 – 2,000Kg.



Code 67710/1/4

## 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.



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 raised 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 hirers and the operators responsibility to perform a risk assessment before using this equipment. You are also responsible for the safety of any one in the work area.

Make sure that anyone in the immediate work area is warned of what you are doing. Never allow anyone under a raised load or in a position where they are at risk if the load shifts.

Use the equipment only on a hard, level surface such as concrete.

After raising the load to the required height, always lower it onto suitable permanent supports before working on it or leaving it

Floor cranes are designed to lift, not support. Never leave them loaded for longer than necessary, and never leave them loaded and unattended.

Working on a load which is merely supported by a floor crane can be extremely dangerous.

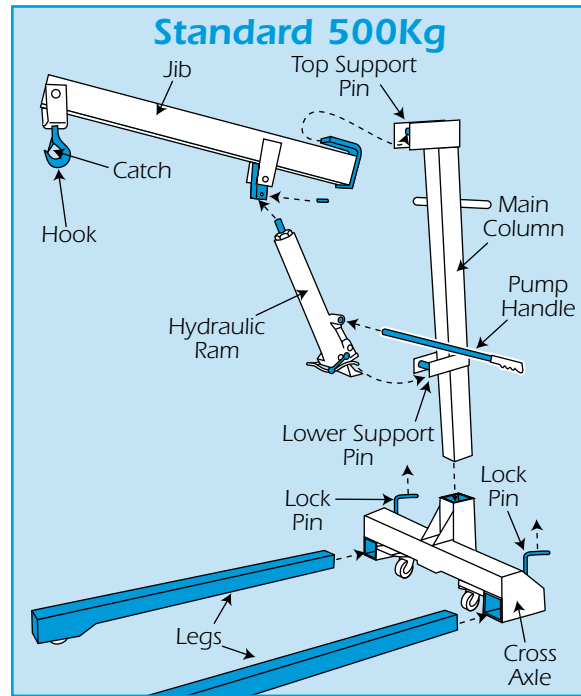
Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Lift & Shift Depot.

## GETTING STARTED

Standard 500KG crane...

Stand the cross axle on hard, level ground, then mount the legs and main column in their sockets, making sure the locking pins on the legs are engaged.

Next, locate the bracket on the base of the hydraulic ram over the lower support pin on the

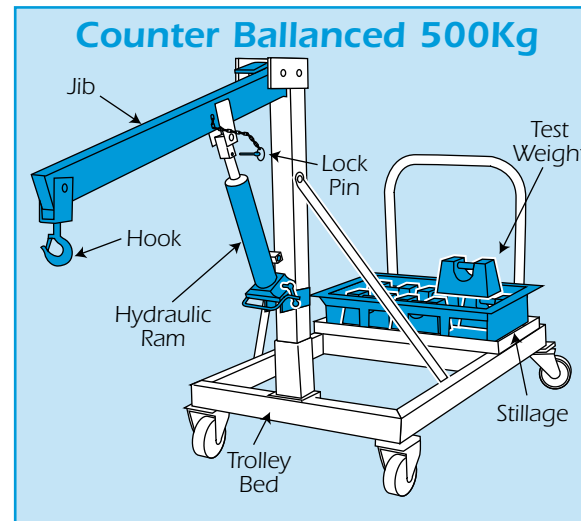


main column. Lift the jib and seat its bracket over the support pin at the top of the main column.

Finally, locate the free end of the ram into its seating on the jib and secure using the locking pin.

Double check that all locking/support pins are securely in place. Never use the crane if any of the pins are damaged. Instead, return it to your local HSS Lift & Shift Depot.

Counter Balanced 500Kg crane...



Place the stillage crate onto the rear of the trolley bed and load with 9 x 25Kg test weights, then set the second set on top of the first.

The crane MUST NOT BE USED unless both sets of stillage are fitted, giving a total weight loading of 508Kg.

Locate the bracket on the base of the hydraulic ram over the lower support pin on the main column. Lift the jib and seat its bracket over the support pin at the top of the main column.

Finally, locate the free end of the ram into its seating on the jib and secure using the locking pin.

Double check that all locking/support pins are securely in place. Never use the crane if any of the pins are damaged. Instead, return it to your local HSS Lift and Shift Depot.

Standard 2000Kg crane...

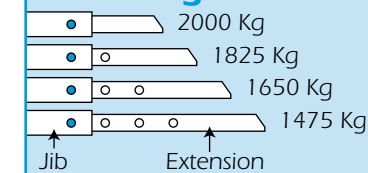
Raise the transport handle to lower the rear end of the unit on the ground.

Lift the transport plate on one of the fold down legs and lower the leg to the ground. Remove the leg pin and slide the leg under the lower cross bar, align the two location holes and replace the leg pin.

Repeat this with the other fold down legs.

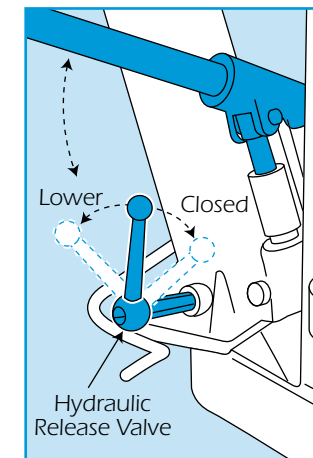
Check that the hydraulic release valve is fully closed (turn clockwise) then pump the handle until the jib is horizontal.

### Jib Length Chart



You can now adjust the length of the jib to suit the weight of the load (see chart). Finally set the hook chain to the length suitable for the item being lifted.

## BASIC TECHNIQUES



To lower the jib, slowly open the hydraulic release valve by turning it anti-clockwise. Control the descent by opening and closing the valve as required.

To raise the jib, close the hydraulic release valve by turning it fully clockwise, then pump the handle as required.

Fit suitable slings to the item being lifted. Position the crane's hook directly over the