

# **Floor Crane**

## **Warning**

Safe working load must not be exceeded.  
SWL 500KG/2000KG

## **Assembly Instructions**

1. Connect legs to frame – ensure legs are locked into position and facing forwards
2. Place mast into base frame (Stands upright within centre of base frame)
3. Place jib arm onto the mast.
4. Place Ram base onto Mast and opposing end of ram onto the jib arm.
5. Lifting chain must be placed through keyhole and secured.
6. Ensure pulling handle is pinned securely to the machine.

### **Ram operations**

- To retract ram ensure valve is open (release knob/handle in an anti-clockwise direction. When lowering load proceed slowly (release knob/handle SLOWLY) to reduce risk of injury and/or damage to property.
- Before lifting ensure valve is shut (turn knob/handle in a clockwise direction).

## **Pre-use inspection**

### **Inspect Machine**

- Ensure all items included within the machine are in good working conditions and have no obvious defects.
- If pulling is to be undertaken ensure that handle is securely pinned to the machine.

### **Inspect Workplace**

- Ensure base of floor-crane is firmly located and not being operated at severe angles.
- Confirm floor/slab can handle combined weight.

## Safety Instructions

- Do not stand or place any body part underneath of load while lifting.
- Ensure path is clear if pulling is being undertaken.
- DO NOT lift in windy conditions as injuries may occur.
- For higher lifts ensure a lanyard is used to reduce risk of item moving and causing injury to personnel or property. Ensure lanyard operator is positioned a safe distance from crane when in use.
- For larger loads ensure pedestrian traffic around crane is limited and controlled.
- Ensure load is placed correctly on hook (Not on point of hook) and ensure that hook latch closes securely
- If slings or other lifting attachments are being utilised, ensure correct procedures according to their manufactures are being adhered to.
- Ensure correct positioning in regards to SWL on larger Floor crane

<b>Hazard Identification and Risk Assessment</b>		
<b>Hazards Identified</b>	<b>Injury</b>	<b>Risk Control Measure in place</b>
Load falling off floor crane	Crushing Potentially fatal	Do not stand under load while lifting is occurring; maintain safe distance from load at all times whilst in use. Ensure load securely mounted on crane
Handle dislocating from crane while pulling	Bruising Broken bones	Before commencing pulling ensure handle is securely pinned to the machine
Crane tipping over edge	Crushing Potentially fatal	Ensure wall is securely supported and has sufficient strength to sustain forces the crane might exert upon it
Load Movement while attached to crane	Bruising Broken bones Crushing	Ensure safe operational speeds are adhered to (lift item slowly) and if high lifts are being undertaken ensure a lanyard is connected to restrain the movement of the load.