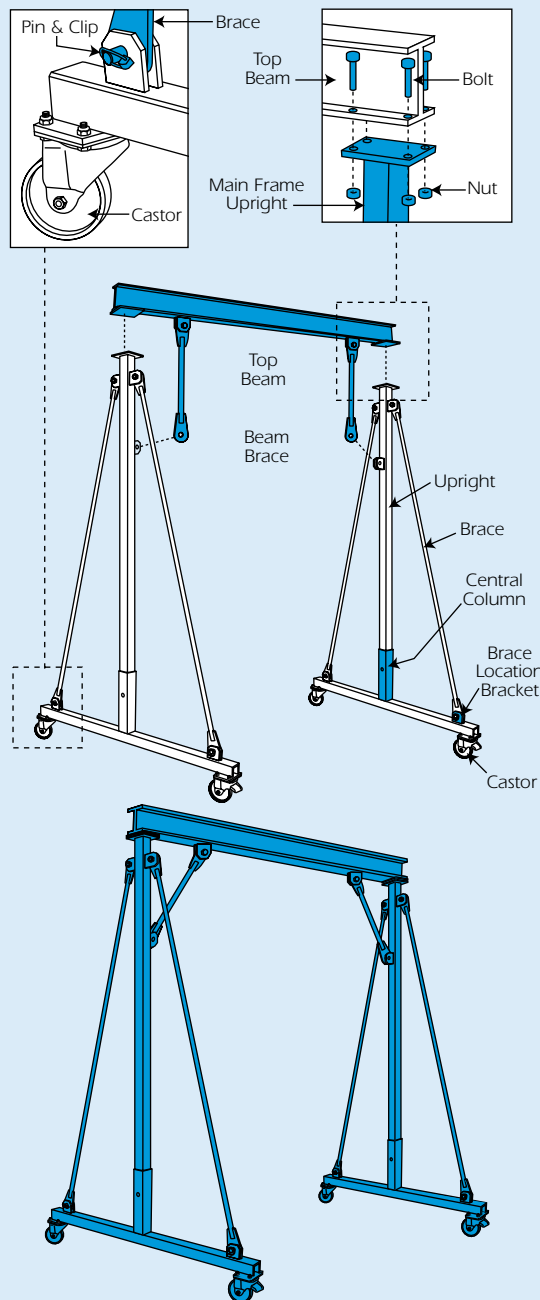


## Compact Model



The mobile gantry is not designed to be moved when under load. Once in position, you should only use the mobile gantry to raise and lower the load.

The unit should now be ready to use, however, do double check that all nuts and bolts are securely tightened.

### 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 then detach the load, dismantle the gantry by reversing in strict order the erection instruction in 'GETTING STARTED'.

Collect all parts together and give them 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: 020 8687 5001**

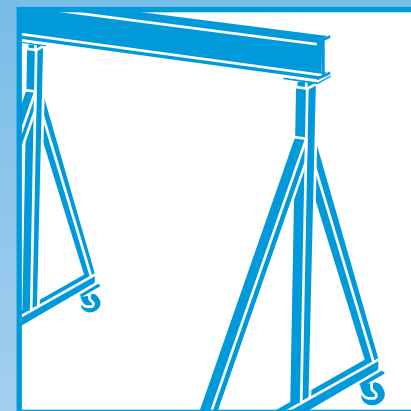
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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.com/liftandshift>

## Operating & Safety Guide LS71

# HSS Lift & Shift



## Mobile Gantries

A range of heavy-duty gantries, ideal for use in situations where a suitable lifting point is not available.



Code 69300/1/2/6/7/8/9/99

## 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. The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.


This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.


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 for hire 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.

 Use this equipment for vertical lifts only and use on a level area able to take the combined weight of the load and the equipment.

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

 Prevent hook overcrowding, with a 'Bow' shackle. Join lifting equipment with a 'D' shackle. Protect sharp edges to prevent load damage.

 Before lifting a load check that the hook safety catch is engaged and the load cable/wire rope is untangled, hanging freely and shows no sign of damage.

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

| Comm Code | SWL    |
|-----------|--------|
| 69300     | 500kg  |
| 69301     | 2000kg |
| 69302     | 2000kg |
| 69307     | 2000kg |
| 69308     | 2000kg |
| 69309     | 2000kg |
| 69399     | 1000kg |

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

This equipment is heavy, never attempt to lift a component on your own, always get help.

Never exceed the equipment's safe working load (see chart).

Never leave the equipment loaded and unattended. Make sure the landing area is unobstructed and able to accept the load in size and weight.

## Safety Warning

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

**DO NOT shock load the hoist.** If shock loading occurs, stop and contact your local HSS Lift & Shift Depot for advice.

**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

Make sure that the floor area where the gantry is to be erected is able to bear its weight and the weight of any load.

Because the mobile gantry is supported on castors it may be necessary to place suitable boarding under the castors to spread the load over the floor area.

Take all parts to the area where it is to be erected and lay them out on the floor.

**Standard Models...**

There are two 'Main' frames, each fitted with adjustable support bars that are locked in position with lock pins.

When erected, these support bars must be set at their lowest position.

Lay both main frames on their side so that their locking castors will be in opposite corners (see illustration).

Take the top beam and align its location holes with those of the support bars. Secure the top beam to the two main frames using the eight nuts and bolts provided.

Check all nuts and bolts are fitted and tightened correctly then, with help, raise the assembly upright.

**Compact Model...**

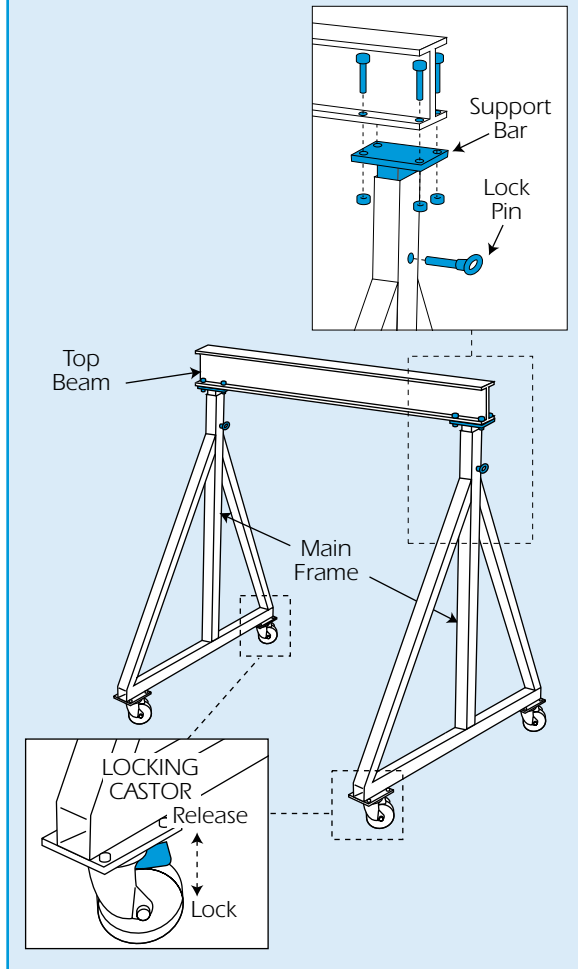
The two 'Main' frames comprise of two parts, the base and the upright.

Lay one base on the ground and insert the lower end of the upright into the base's central column. Once inserted, lock in place with the pin and clip provided.

Next attach each side brace to the respective location bracket on the base with the pin and clips provided.

**Construct the second main frame in the same way.** Each upright has a location bracket fitted to one side for attaching the top beam's brace. Lay both main frames on their side with the brackets facing inward.

## Standard Model



Take the top beam and align its location holes with those of the support bars. Secure the top beam to the two main frames using the eight nuts and bolts provided.

Finally, attach the two top beam braces to the frame uprights with the pins and clips provided.

Check all nuts, bolts, pins and clips are fitted and/or tightened correctly then, with help, raise the assembly upright.

## BASIC TECHNIQUES

The next stage is to attach a suitable girder clamp or trolley and this must only be performed once the assembly has been raised and the brakes are on.

Move the assembly to the exact position where it will be required and lock the castor brakes.