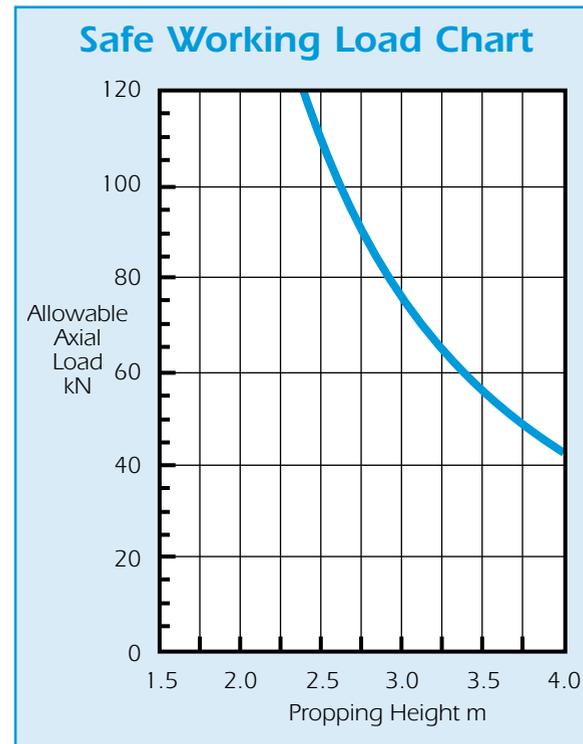


FINISHING OFF

Dismantle the prop as described in 'BASIC TECHNIQUES' then give the prop 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

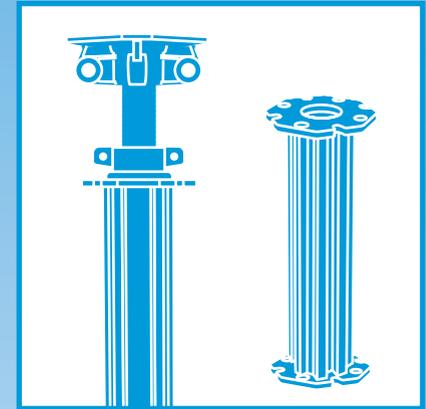
Fax: 020 8687 5001

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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS
Web Site: <http://www.hss.com/liftandshift>

Operating & Safety Guide LS114

LS114/01

HSS Lift & Shift



Super Prop

A lightweight prop capable of supporting up to 120kN.



Code 50050/50051

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.

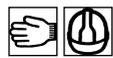
The hirer has a responsibility to **ensure that all necessary risk assessments have been completed** prior to the use of this equipment.

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 and a protective hard hat.** Avoid loose garments and jewellery that could catch in moving parts. Tie back long hair.

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

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

Never exceed the safe working load of the equipment. The safe working load depends on the length of the prop and is shown on the graph overleaf. Please note that the maximum load that may be released from the prop by rotation of the ring collar is 100kN.

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

The HSS Super Prop is designed for vertical concentric support only and must not be used if the load is anything other than directly in line with the axis of the prop.

Extend the prop until its length is 100mm less than the distance between the load and the floor.

To extend the prop, **turn the ring collar clockwise** (when viewed from above).

Where the distance between the ground and the load **is greater than the fully extended length of the prop**, you should **obtain an extension piece**, available for hire from your local HSS Lift and Shift Depot.

If using an extension, **bolt it to the base of the prop** (see illustration) **not to the top.**

Align the extension and prop so that the end plates match then **use the bolts provided to secure them together**, ensuring each is secured correctly.

BASIC TECHNIQUES

Position the prop with the base and top in-line with the ground and the load.

Place suitable packing between the prop and the contact surfaces to spread the load and protect the surfaces. When the top unit of the prop is in contact with timber, the safe working load is limited to 60kN. In order to remove this constraint use a 150x150x10mm thick steel plate between the top unit and the timber.

Once in-line, **turn the ring collar clockwise** until the top is in full contact with the load.

Increase the pressure as required, to enable sufficient support.

Once the work is finished, release the prop by turning the ring collar anti-clockwise until the top is no longer in contact with the load.

Where fitted, **remove the extension.**

Always **position yourself so you can control the prop while staying clear of the suspended load.**

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.

Super Prop & Extension

