

Steel Prop

For supporting floors and ceilings during construction work.

BASIC SAFETY

YOUR RESPONSIBILITY

You **MUST** check with a qualified structural engineer to ensure that you have the correct type and quantity of props to supported the work correctly.

Remember, it is **YOUR** responsibility to ensure that the Steel Props are suitable for the task and installed correctly. If in doubt, **STOP** and obtain suitable professional advice.

Before using this equipment and to avoid personal injury, carefully read and understand these instructions. If there is anything you do not understand, **DO NOT** use this equipment, contact the hire company for advice.

Make sure you are aware of all safety requirements and that this equipment is suitable for the task you wish to undertake.

The work area must be cordoned off from the general public and bystanders.

This equipment must not be erected, used or dismantled by persons who are under the influence of alcohol or drugs. Do not use this equipment if you are tired or unwell.

This equipment must only be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any mental or physical disability, you MUST seek professional medical advice before using this equipment.

You **MUST** perform a risk assessment before using this equipment to ensure your safety and the safety of others.

Wear the correct Personal Protective Equipment for the task ahead.



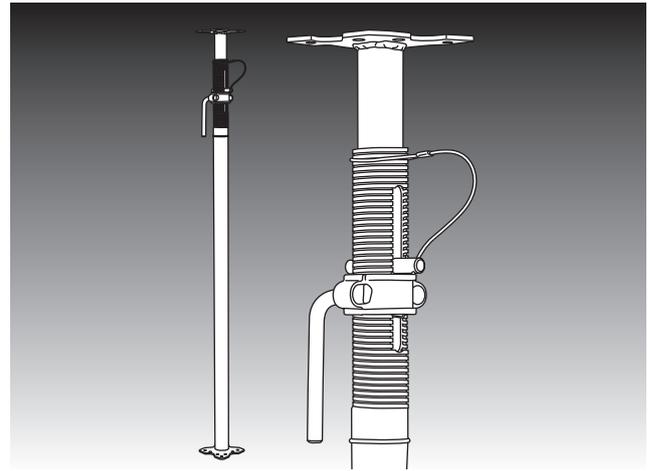
Wear gloves when handling this equipment. Steel toecap boots must be worn. Wear a hard hat.

Do not wear loose jewellery or clothing that may get in the way or become trapped in the equipment. Tie back long hair.

Inform everyone in the work area of what you are doing.

Carefully inspect the equipment before use, if there is any doubt about its condition, **DON'T USE IT.**

Always carry the equipment to a new location with care.



PROP SELECTION

Ceiling Props are available in 5 main sizes, each is adjustable to allow for the work environment.



Make sure that you have the correct size of prop and enough in quantity to bear the weight of the work.

Size Reference	Closed	Extended	SWL
No.0	1m	1.8m	11Kn
No.1	1.7m	3.0m	15Kn
No.2	2.0m	3.3m	13Kn
No.3	2.6m	3.9m	10Kn
No.4	3.2m	4.3m	9Kn

PREPARATION

Steel Props must only be used in an upright position. **DO NOT** use the Prop if the load is not directly in line with the Prop.

If the contact surfaces of the floor or ceiling are susceptible to damage, place a suitable protector (a board for example), between.

When setting Props onto a suspended wood floor, spread the weight of the load by use of a suitable board.

Check each Steel Prop for condition paying special attention to the following;

- Pin present and in good condition.
- Ring collar and bar in good condition and free moving.
- All welded joints in good condition.
- Top section, slides freely within the base section.

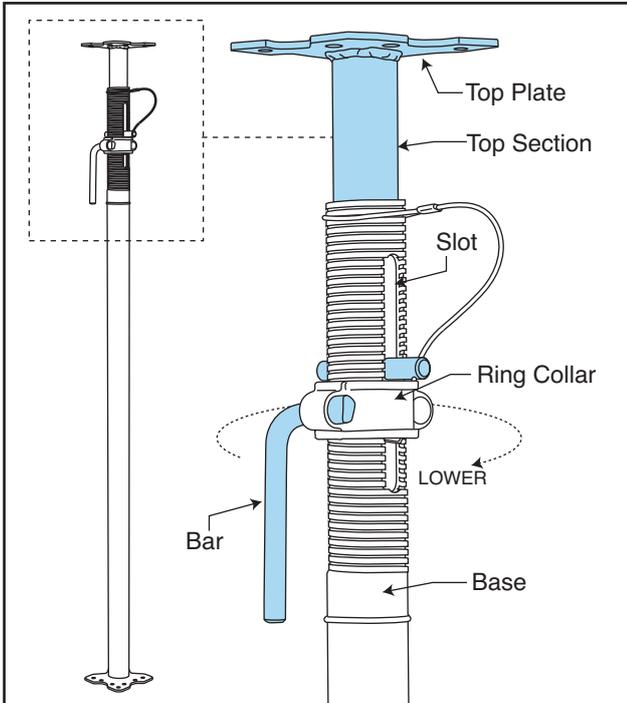
If you find any fault, **DO NOT** use the Prop, contact the hire company for a replacement.

SETTING UP

Stand the Prop upright in the position it is required then carefully remove the pin. You may have to raise the top section slightly to free the pin, if so, take care not to pinch your skin when lowering the top back down.

Move the ring collar to its lowest position by turning it clockwise as viewed from above the Prop.

Next, raise the top section until the top plate is 50mm from the surface being supported, then insert the pin through the slot in the base section and into the top sections nearest location hole.



Place suitable boards between the top plate and ceiling and the bottom plate and floor to spread the load and protect surfaces.

DO NOT use anything to fill the gap between the prop and the ceiling/floor. If the prop is too short for the job, DO NOT USE IT, hire a larger prop.

Turn the ring collar anticlockwise to raise the pin and therefore expand the prop until in contact with the structure. DO NOT over tighten. DO NOT extend the length of the bar to increase leverage.

Position any additional Props one at a time until all are in position then adjust as necessary to support as required.

WARNING

DO NOT modify the prop in any way. DO NOT weld, bolt or fix anything to any part of the prop.

REMOVAL

Removal should only occur when you are 100 percent sure that the props are no longer needed to support the load.

Removal is simply a reverse of the installation instructions.

EQUIPMENT MAINTENANCE & CLEANING

When not being used, store the unit in a clean condition and in a safe place away from thieves and unauthorised users.

FINALLY

Remove the Steel Props by reversing the set up procedure then give everything a thorough clean ready for return.

NOTE

Failure to clean the equipment thoroughly may make you liable to a cleaning charge.