

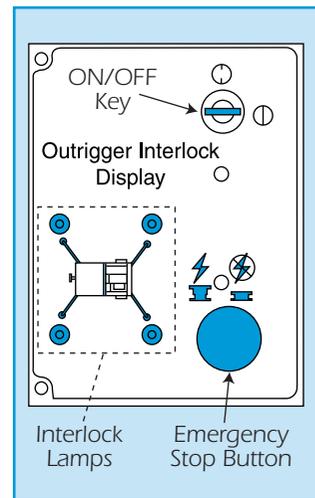
Park the unit on firm, level ground and ensure that all stabilisers will be deployed onto a firm footing. **DO NOT** use on slopes, soft ground or where there is a risk of one or more stabiliser subsiding.

Remove the 4 stabilisers from their holders, they are each held captive by a lock pin. Slide the respective stabiliser into its support. Check that the lock pin is fully engaged.

Work round the Unit gradually winding down all four jacking feet. When correctly set, the base casters should just be clear of the floor and the bubble in the levelling vial should be central.

Finally, hook the power pack onto the rear of the AWP ensuring both hooks are correctly centred. Plug the AWP power cable into the power pack (see illustration).

The AWP has 2 sets of controls. The first is the ground controls, the panel houses the ON/OFF key, a red emergency STOP button and 4 outrigger interlock lamps.



With the key inserted and turned to the ON position, the 4 interlock lamps must be illuminated before the unit will work. If any are not illuminated check the respective outrigger is correctly deployed.

With all 4 lamps ON, pull the red STOP button out.

The second set are located in the cage and consist of a panel with a red STOP button, a power button and a direction switch.

Check the cage mounted control and this time turn the red STOP button clockwise to reset.

The lift should now be ready to use. However do double-check that all the stabilisers are correctly deployed before the AWP is used.

## BASIC TECHNIQUES

Take your time and don't overdo it. You are more likely to have an accident if you are tired or rushing.

Make sure the lift-up safety rail drops back into place after you have climbed into the cage.

Press the central power button on the cage control panel then turn the lower direction switch clockwise to raise the cage.

If at any time you get into difficulty, press the red STOP button. The STOP button on the ground controls will also isolate the power when operated by a colleague.

To lower the cage, press the central power button on the cage control panel then turn the lower direction switch anti-clockwise.

If you operate the raising and lowering controls and nothing happens, one or both of the red STOP button may need re-setting.

## Emergency Descent

If the AWP loses power, lower the cage to the ground as quickly as possible.

Extreme care must be taken to ensure that the person carrying out this procedure does not get trapped in the descending structure.

The cage can be lowered by pulling the emergency descent valve lever found either under the front of the unit or next to the hydraulic reservoir (see illustration).

Lower the cage taking great care not to become trapped by the descending structure.

NOTE; Do not use the AWP after an emergency descent as the hydraulics will require re-setting. Contact your local HSS Lift & Shift Depot for a replacement unit.

### LOADING ONTO A FLAT BED VEHICLE

This unit can be loaded onto a flat bed vehicle with the minimum of effort. Unplug and remove the power pack from the unit then wheel it to the rear of the vehicle. Slide the stop bracket to the top lock position then hook the load bar to the stop bracket. Lower the lock stop bracket to the nearest setting in line with the vehicles bed and lock in place. Slide out the T bar and lock in place, then with help lift the base of the unit and slide it onto the vehicle. Finally ensure the AWP is securely strapped down before setting off. Reverse this instruction to unload.

## 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

Fully lower, then exit the cage, turn the unit OFF and remove the key. As a safety precaution, press both red STOP buttons.

Lower jacking feet, then remove the stabilisers and place in their respective holders.

Give the Unit 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

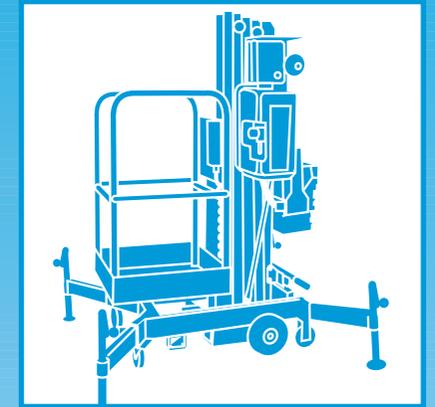
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## Operating & Safety Guide LS80

# HSS Lift & Shift



# Aerial Work Platform

A one man operated work platform for light duty maintenance work.



## 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. Cordon off a NO GO area using cones and either barriers or tape.

  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.

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 the equipment when the cage is raised or in a position where they are at risk if tools or materials are accidentally dropped from the cage.

Never use the equipment near overhead power lines or similar hazards. Never use the tower in windy conditions.

Be aware of the raised platform when close to ceilings or other overhead obstructions.

This equipment MUST NOT be used to carry loose loads.

Use this work platform only on a smooth floor which is able to bear its weight and its load, the unit alone weighs 394Kg (11M model).

Never exceed the unit's safe working load of 159kg. The total weight of the operator and equipment must not exceed this amount.

Do not carry large sheet material i.e. glass, plywood or PVC. Never stand or place loads on the cage guard rails.

Never use the unit unless there is someone close by to operate the emergency descent mechanism.

Switch OFF and remove the key before leaving the unit unattended.

Never use the equipment unless the stabilisers are fully extended and the jacking feet correctly set on firm, level ground.

Do not transport or relocate the AWP with the cage raised.

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.

## ELECTRICAL SAFETY

HSS Aerial Work Platforms are powered by a 12V battery. The battery and charger are supplied as one unit which is detachable from the AWP.

This allows for easy recharging, it is also necessary to detach the unit when transporting the AWP.

The battery charger is designed to run from 110v (fitted with a round yellow plug) and must be provided with a suitable 110v generated supply, or powered from the mains via a suitable 110v transformer.

To recharge the power pack, unplug the AWP's power lead from the power pack then unhook the power pack from the rear of the AWP and place on a suitable surface close to the 110V power supply.

Next plug the charger into a suitable power supply and switch the supply and charger ON, recharging is fully automatic.

The charger will recharge the battery in aprox. 8 hours, once fully charged the charger will automatically switch OFF.

Once fully charged, switch OFF and unplug the unit from its power supply.

Using the charger in very damp or wet conditions can be dangerous.

 To reduce the risk of electric shock, use a suitable RCD (Residual Current-Operated Device) available from your local HSS Hire Shop.

If the charger fails, or if the chargers power supply cable or plug gets damaged, return it. Never try to repair it yourself.

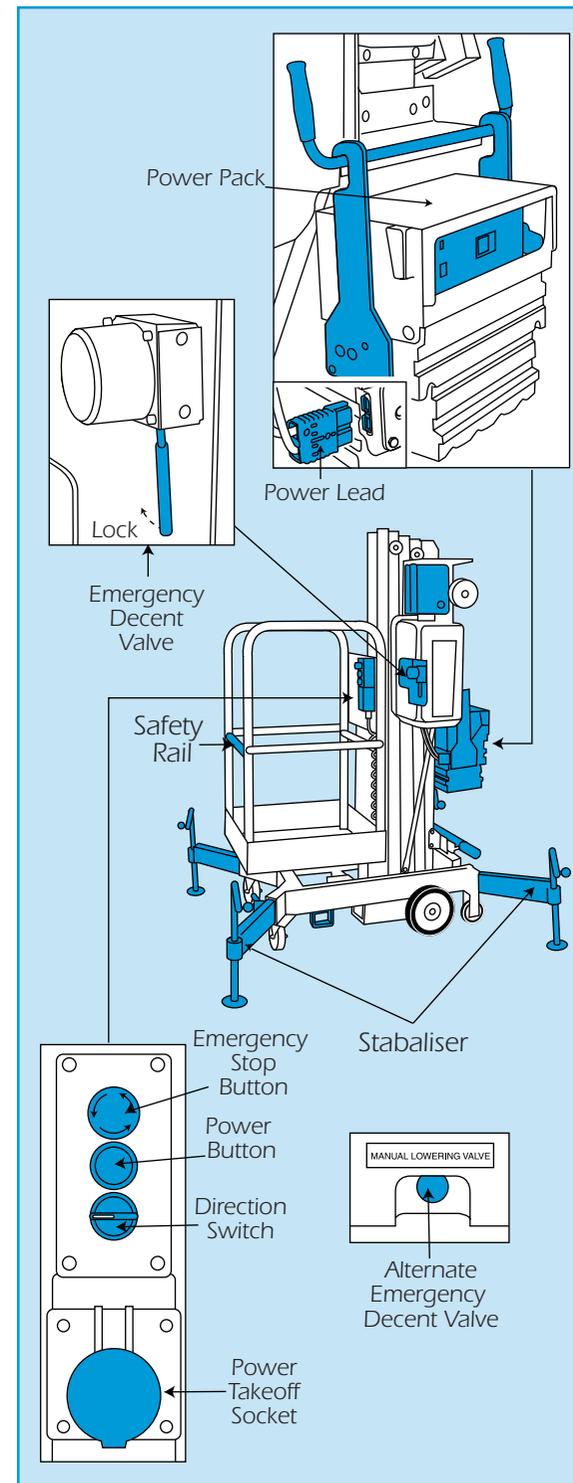
If an extension lead is used for the charger it should be fully unwound and loosely coiled, away from the equipment. Never run leads through water, over sharp edges or where they could trip someone.

Never carry or pull the charger by its power supply cable.

## GETTING STARTED

Make sure the battery is FULLY charged before starting the work (see 'Electrical Safety').

Most adjustable or removable parts on this equipment are held in position with spring loaded lock pins. These pins MUST always be fully engaged



when in use. To release the pins simply pull out and hold until the part being removed or adjusted has been moved clear, then simply release.

Wheel the unit to the area where it is required.

## Doorway drill

(tilt back frame only)

Remove the battery pack, then check the area behind the unit is clear.

Firmly grip the tilt back frame and remove the retaining pin.

Lower the frame and guide the tilt strut into the strut socket (see illustration).

Slide out and lock the T handle

Lift the unit with the T handle to mid position then continue lifting until the tilt strut is fully compressed.

The unit is now ready to pass through a doorway.

Once through, simply reverse the instructions to set the unit upright.

