

Scissor-Lifts

Self propelled units allowing lift and drive functions while the unit is elevated.



Code 69982/3

Note that, although the unit can be operated quite safely from the cage extension. no more than one person should be in the extension at any given time. Anyone else in the cage should stand at the rear while the extension is in use.

Emergency Descent

In the event of a general power failure, lower the cage manually by pulling the Emergency Descent Handle on the ground-level control box – having first retracted the cage's extension.

Do take care though! Make sure the person operating the Emergency Descent Handle stand well clear to avoid being trapped in the scissor-mechanism or otherwise injured.

SAFETY IN USE

Never use this equipment other than in still air and dry conditions. Although it can be used outdoors, it is primarily designed for interior use.

Never overload the cage. It has a maximum Safe Working Load is 215kg – roughly equivalent to two adults plus 55kg of equipment.

Do not use the equipment for work involving the application of excessive or repetitive lateral forces. In addition, never raise/lower heavy loads from the cage or lean ladders against it.

Never stand on the cage rails or use boxes and so on to gain extra height. And never reach too far out over the side of the cage.

Always make sure the cage's gate-rail is lowered before elevating the cage.

Take special care when driving the unit – particularly with the cage elevated and/or when reversing. Watch where you are going and, if necessary, warn others of your approach with the horn.

Watch out especially for obstructions and other hazards – both overhead and at ground-level.

If you should attempt to negotiate any kind of slope or hit a pot-hole, the drive-motor will automatically cut-out to prevent further movement. In that event, you must lower the cage and reposition the unit on flat, level ground to resume normal operation.

EQUIPMENT CARE

Never use this equipment for anything other than its intended purpose – that is, as a medium-duty, mobile work-platform. If it will not do what you want with reasonable ease, assume you have the wrong equipment for the job. Contact your local HSS Hire for advice.

Handle the equipment with care. Avoid forcing, knocking or otherwise exposing components to damage.

If the equipment should malfunction, stop and contact

your local HSS Hire for advice.

Keep the equipment clean. You will find this less of a chore if you clean up regularly, rather than wait until the end of the hire period.

Always inspect the equipment thoroughly before use and at the start of each working day – see 'Daily Checks' box for details.

Be sure to keep the operating key (and the key to any spare wheel) **in a safe place at all times.** Never leave the key in the machine when unattended or being operated from the cage.

Keep the manufacturer's instruction manual supplied with the equipment safe, clean and dry, storing it in the compartment provided for the purpose.

When not in use, **store the equipment somewhere clean, dry and safe** from thieves.

Important

NEVER operate the brake over-ride handle or scissor-prop. These are for maintenance purposes only and should be used only by qualified HSS Hire personnel.

FINISHING OFF

Retract the cage's extension if necessary, making sure that its retaining catches are fully engaged to lock it in the closed position.

Lower the cage as far as it will go using the cage controls. It will automatically stop short of collapsing the scissor-mechanism completely as a safety-precaution anything – or anyone – getting trapped.

On some models, to fully lower the cage, you must **release the joystick control and wait for three seconds before resuming the descent.**

On other models, the cage can be fully lowered only by operating the Emergency Descent Handle.

Once the cage has been fully lowered, **wipe down machine with a dry cloth,** ready for return to your local branch of HSS Hire.



... have you been trained

The law requires that personnel using this type of equipment in must be competent and qualified to do so. Training is available at HSS Training Solutions 0845 766 7799

...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below e-mail: safety@hss.com

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GENERAL SAFETY

For advice on the safety and suitability of this equipment, contact your local branch of HSS Hire. This Guide is intended only as a ready-reference and not as a substitute for the manufacturer's instruction manual supplied with the product.

Note that it is the hirer's responsibility to ensure all necessary precautions are taken to ensure the safety of anyone setting-up or using this equipment.

This equipment has been designed for use by a competent, able-bodied adult who has read and understood both this Guide and the instruction manual supplied.

Seek expert advice before you use this equipment if you suffer from any temporary/permanent disability. Never use this equipment if you suffer from vertigo.

  Never use this equipment if you are feeling tired, ill, or under the influence of alcohol or drugs.

    Wear sensible, protective clothing and footwear offering good grip, plus a hard hat. Avoid wearing loose garments or jewellery and tie back long hair that could get in your way.

You are advised to wear a personal restraint harness when using this equipment. Available for sale from your local HSS Hire.

Never operate the equipment alone. Ensure a competent adult is always within shouting range to come to your aid if anything should go wrong.

Keep children, animals and bystanders out of the area.

Never erect or use this equipment near overhead power lines or similar hazards.

Ensure the equipment is used only on firm, level ground. DO NOT use it on slopes, temporary structures or on soft ground where there is a risk of subsidence.

Check the equipment's condition before use and at regular intervals thereafter (see 'Daily Checks'). If it shows signs of damage or excessive wear, DO NOT USE IT. Return it to your local HSS Hire.

ELECTRICAL SAFETY

This equipment is powered by rechargeable, lead-acid batteries which, fully charged, should provide enough power for a typical EIGHT HOUR SHIFT.

To recharge the batteries, connect the built-in charger to a suitable 110V supply, or to the mains via a suitable 110V transformer.

Always stand the equipment, with its battery compartments slightly open, in a well-ventilated area while recharging.

If the charger fails, or if its plug or flex gets damaged, return the equipment to your local branch of HSS Hire. Never attempt to repair it yourself.

Note that some models have a second flex designed to take a 110V extension lead and provide power to a 110V socket in the cage. Be sure to connect-up to the correct flex for recharging.

Never recharge batteries in wet or very damp conditions. There is a risk of electric shock.

Keep the charger's flex, connector and any extension leads out of harm's way. Never run them through water, over sharp edges or where they could trip someone.

Note that it is possible to operate the equipment while recharging. In this case, though, take special care to prevent explosion and minimise the risk of damage to charger, batteries and flex. Never drive/move the equipment while recharging.

Warning

Potentially explosive hydrogen gas is produced during battery recharging.

NEVER recharge batteries in a confined space.

NEVER smoke or allow naked lights or other possible sources of ignition into the area.

GETTING STARTED

If desired, this machine can be moved into the work area with the aid of a fork-lift truck, ensuring the forks go right into the slots provided.

Familiarise yourself with the work area, checking for possible hazards such as pot-holes, ramps, slopes and overhead obstructions that could affect the safe use of the equipment.

Thoroughly inspect the unit for possible faults – see 'Daily Checks' – and ensure that everything works by raising and lowering the cage using the ground-level control panel. Joystick control should be removed from the cage and machine operated when outside.

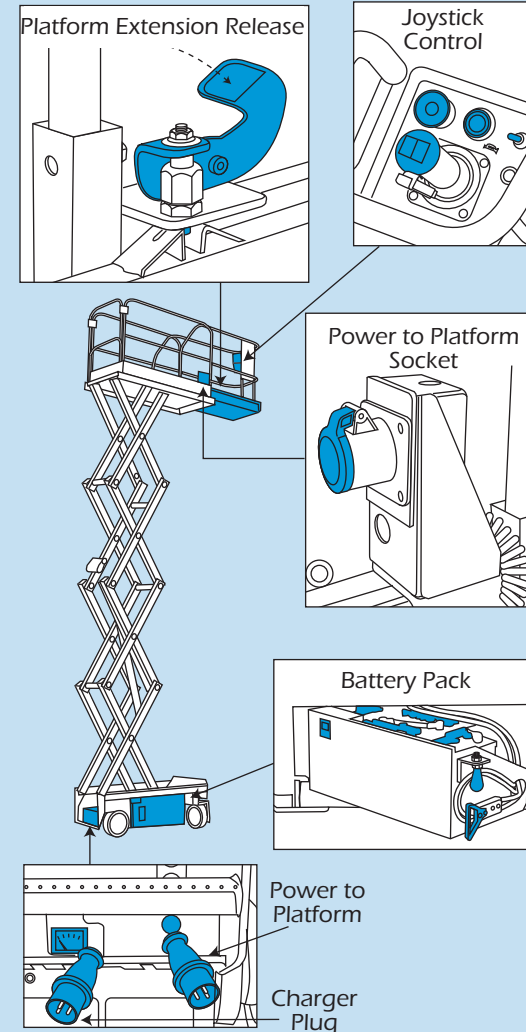
When satisfied, turn the operating key to the 'cage-control' position and remove it. The equipment can now be controlled safely and normally from the cage.

Caution

Keep your hands and feet well away from the machine when operating from ground-level.

Your hands could get trapped in the scissor-mechanism and your feet could be trapped by the 'pothole protection' systems side-bars which automatically descend between the wheels to stop the machine tipping over if you accidentally drive into a pot-hole.

GS1930/2



BASIC TECHNIQUES

To operate from the cage, slide the ON/OFF switch to the ON position and wait for the warning lights to go out. Do not operate the unit if the batteries are flat unless recharging at the same time – see ELECTRICAL SAFETY. Do not operate the unit at all if the Error Warning light is ON.

Operational control is achieved using the joystick. Note the joystick has a 'dead-man's handle' which must be depressed for the machine to work. An indicator light will come on to show when this is engaged.

The function of the joystick is determined by flicking

How to Fold Down the Guardrails

On later models the top platform guardrail folds down, this platform railing system consists of one fold down rail section for the extension deck and one section for the main deck. All sections are held in place by four wire lock pins.

1. Fully lower the platform and retract the platform extension.
2. Remove the platform controls.
3. From inside the platform, remove the two rear extension deck wire lock pins.
4. From the rear of the extension deck railing, fold down the front rail assemble. Keep hands free of pinch points.
5. Replace the two removed pins back into each side rail bracket.
6. At the rear of the main deck, remove the two lower wire lock pins.
7. Carefully open the gate and move to the rear step or the ground.
8. From the rear step or from the ground, fold down the main deck railing assembly. Keep hands free of pinch points.
9. Replace the two removed pins back into each side rail bracket.

Note: To assist in the removal and replacement of the wire lock pins, pull or push back on the railing to compress the rubber bumpers.

TO RAISE THE GUARDRAILS FOLLOWS THESE INSTRUCTIONS IN REVERSE

the selector switch to the desired position – elevation or travel.

In elevation mode, push the joystick forward to raise the cage and pull back to descend.

In travel mode, push the joystick forward to move forwards, pull back to reverse, and steer by operating the joystick's thumb-switch to turn the wheels left or right.

A horn is provided to warn others of your approach – just push the button. In addition, a warning beeper will sound automatically whenever the unit is reversing.

In an emergency, movement can be halted either by releasing the joystick or by striking the Emergency Stop button. Pull the Emergency Stop button to reset.

To manoeuvre the cage's extension – to reach over an obstacle – disengage the catches with your feet, lift the rails and push forwards until the catches re-engage.

To retract the cage extension, again disengage the catches, lift the rails and pull back into the main body of the cage until the catches re-engage to lock it in position.