





Platform elevation / lowering

Push the platform switch. Push the movement joystick forwards to raise the platform.

Push the platform switch. Push the movement joystick backwards to lower the platform.

Drive speed

Set the drive speed selector switch for high-speed driving (long distance driving, tarmac, concrete).

Set the driving speed selector for low-speed driving (short distance, final approach, unloading from lorries).

## ELECTRIC SAFETY

This equipment is powered by rechargeable, lead-acid batteries.

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.

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

Never use this equipment until you have fully read and understood both this user guide and the supplied manufacturers manual. Familiarise yourself with the work area, checking for possible hazards such as pot-holes, ramps, slopes and overhead obstructions that could effect the safe use of the equipment.

### HARNESS ANCHORAGE POINTS

The machine is equipped with harness anchorage points, which accept a single harness per anchorage point. The anchorage points are identified by the presence of the anchorage point label.

If the local regulation imposes the wearing of a harness, use the approved anchorage points.

### MANUAL EXTENSION

This machine is equipped with manual extension with several possible positions. To use it press the pedal then push to the required notch.

## BASIC TECHNIQUES

NOTE

The overall load dimensions and weight should be placed in the centre of the platform or distributed in a uniform manner

### OPERATION FROM GROUND POSITION

To start the machine pull the emergency stop button. Turn the key on the control panel activation selector switch to the right to activate the ground control panel. The indicators light up.

To elevate or lower platform push the platform elevation selector upwards or downwards as required.

To switch from the ground control panel to the platform control panel pull out the emergency stop button.

Turn the key on the control panel activation selector switch to the left to activate the platform control panel. The ground control panel controls are de-activated.

### OPERATIONS FROM THE PLATFORM

WARNING

When switching from the ground control panel to the platform control panel the emergency stop button MUST BE pulled out.

In the platform control panel pull the emergency stop button. Make sure the key on the control panel activation selector is set to the left to activate the platform control panel.

### EMERGENCY LOWERING

WARNING

During emergency manoeuvres controlled from the ground with extension out, it is essential to ensure that there is no obstacle under the platform (wall, beam, electric line, etc.)

Before beginning a new work period and on each change of operator, the machine must be subjected to a visual inspection and a complete functional test (see 'Safety Checklist').

All operators must become familiar and fully understand the warning labels, the emergency controls and know how to operate the machine in emergency.

The operator is obliged to stop using the machine in the event of malfunction or safety problems on the machine or in the work area and report the problem to his/her supervisor.

Machine movements are powered by a hydraulic pump. The hydraulic pump is powered by a battery-powered electric motor. To protect the user and the machine, safety systems prevent the operation of the machine beyond its capacities.

### EMERGENCY STOP BUTTONS

This unit has 2 emergency buttons - one in ground control panel and one in platform control panel.

In order to use either of them pull the emergency stop button. Turn the key on the control panel activation selector switch upwards to activate the ground control panel. The indicators light up. Push the emergency stop button. The indicators go out.

### OVERLOAD INDICATOR

The overload limitation system activates once the heights exceeds 1.60m (5 ft 3 in).

If the platform load exceeds the maximum authorised load (120kg when extended otherwise 227kg), no movement is possible from the platform control box.

The platform overload indicator and the buzzer warns the operator that the overload condition exists.

To return the machine to normal operation remove some weight from the platform.

### TILT SENSOR SWITCH FUNCTION

Pull the emergency stop push-buttons on the upper and lower control panels. Switch on the machine from the ground control panel. Locate the tilt sensor at front of machine. Manually tilt and maintain the tilt sensor towards the front for a few seconds. The audible beep sounds. The slope sensor prevents lifting and driving.

NOTE: With the machine unfolded, the tilt sensor gives an audible signal indicating to the operator that the platform could not rise. In this case, lower platform completely, then reposition machine on a level ground before raising platform.

Emergency lowering is required if the operator in the platform is no longer capable of controlling the movements even though the machine operates normally.

A ground operator can use the ground control panel with the main power source to lower the platform operator.

Turn the key on the control panel activation selector switch to the right to activate the ground control box. The platform control panel controls are de-activated. Lower the platform from the ground control panel. Lower the platform using the selector while holding the key.

### TRANSPORTING THE MACHINE

To avoid any risk of sliding during loading, you must ensure that the loading ramps can bear the load, the ramps are correctly attached and have sufficient grip. Machine must be completely stowed in order to transport it.

To climb the slope, select low driving speed. Always use a winch for additional traction and security.

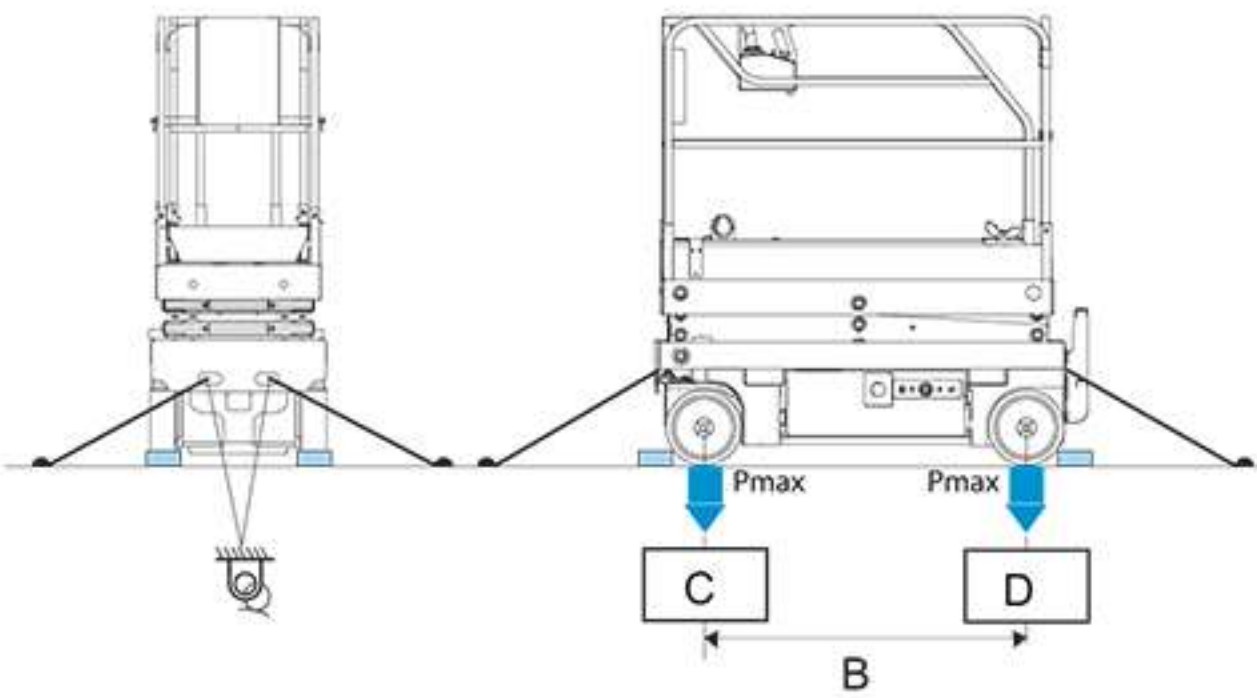
The machine must be completely stowed in order to transport it.

Make sure there is no load in the platform. Secure the machine to the anchorage points provided for this purpose. The guardrails must be locked and/or folded back. Extensions must be locked and maintained with lanyards.

WARNING

NEVER place yourself below or too close to the machines during loading.

A wrong move can lead to the tipping over of the machine and cause serious bodily and material accidents.



### OPERATION PRINCIPLES

All driving speeds are authorised when the machine is folded, (machine in transport position).

The maximum travelling speed is reduced when the lifting height reaches 1.60m (5 ft 3 in).

In this case only micro-speed is authorised. If the tilt exceeds the authorised limit, driving is cut off.

NOTE: Steering and elevation cannot be performed simultaneously.

If the load in the platform exceeds the maximum allowed load, no movement can be activated from the platform control panels.

The platform overload indicator and the buzzer warn the operator that the overload condition exists.

To return the machine to normal operation remove some weight from the platform.

A system of protection against potholes in the road is run automatically when the platform is raised above 1.55m (5 ft 1 in). Only micro-speed is possible in this position. If the pothole protection are not extended, micro-speed and platform elevation are automatically cut.

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.

### THE BATTERIES

The battery charger-hour recorder combines 3 functions: Battery charger status, hour meter and automatic reset.

When the battery is fully charged all green LEDs are on. When it discharges the LEDs go out one after the other. The red LED lights up indicating the battery is completely discharged . Elevation is cut but driving is still possible.

NOTE: The automatic restart doesn't mean that the battery is fully charged. Only the indicator of the charger gives the real state of the batteries charge.

### CHARGING THE BATTERIES

The on-board charger is used to charge the batteries. Battery charging starts as soon as external power supply is connected.

Green LED lights states the battery is fully charged. Yellow LED lights means it is 80% charged. The initial charging phase it indicated by red LED light.

If a fault occurs, the indicator flashes in different colours, depending on the type of fault. The audible beep sounds. In this case contact HSS Hire for assistance.

GS1932

Platform Extension Release

Joystick Control

Power to Platform Socket

Battery Pack

Power to Platform

Charger Plug