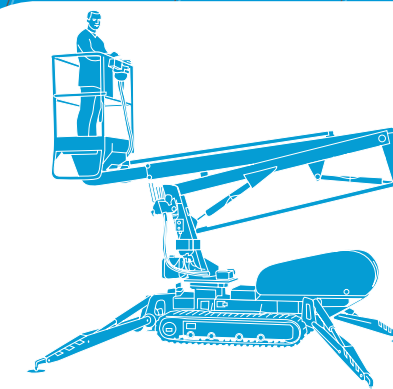


HSS Hire



Track Driven Boom Lift

A 12 metre telescopic boom lift with drive tracks.



Code 69960

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 Hire for advice.

Regularly check the fuel level and top up as necessary with diesel.

Regularly check the oil level - when the engine is cold and on level ground. Withdraw the dipstick, wipe it clean, then replace it, remove it a second time and verify that the oil level is between the min and max lines, top up as necessary. Suitable oils are available on sale or return from your local HSS Hire.

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

Lower the cage onto the boom rest.

Raise the four outriggers to their transport position starting with the two rear (number 1 & 4), followed by two front (number 2 & 3).

Turn the safety lock key OFF (anti-clockwise), in the cage-mounted controls.

Press both red emergency STOP buttons as an extra precaution.

Give the Lift a final clean up ready for return, to your local HSS Hire.

... have you been trained

The law requires that personnel using boom lifts must be competent and qualified to do so. Track Driven Boom Lift training 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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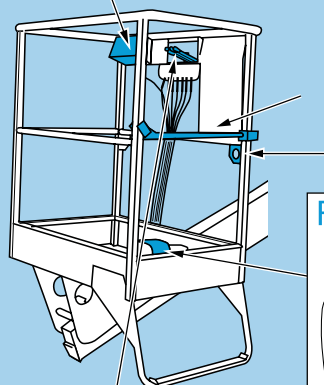
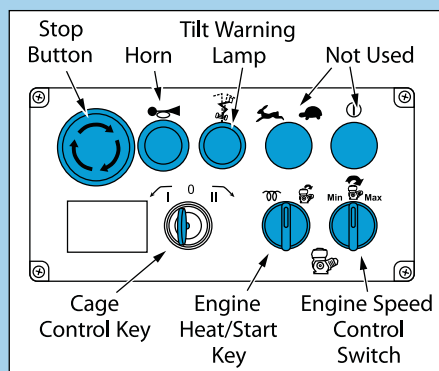
Web Site: <http://www.hss.com>

(number 1 & 4) then adjust all the outriggers until the chassis is level (there's a spirit level on the base), with the tracks clear of the ground.

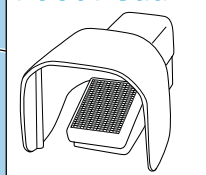
To raise the boom depress the foot pedal, then operate the appropriate control lever as directed on the control panel to position the cage as required.

The first lever tilts the cage back or forward to allow you to keep it level during use. Move the lever forward to move the cage forward and move the lever back to move the cage back.

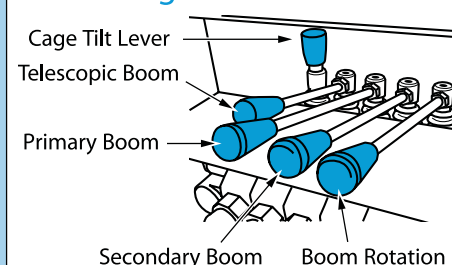
Cage



Foot Pedal



Cage Controls



The second lever operates the telescopic boom, to extend the boom lift the control lever and to retract, lower the lever.

The third and fourth levers raise/lower the primary and secondary booms respectively; the boom speed depends on how far you push the lever in the appropriate direction.

The fifth lever rotates the lift. If it doesn't, you have gone too far in one direction so simply move the lever to rotate the lift in the other direction.

Always begin by lifting the primary boom off its support before positioning the cage.

Upon final descent, rotate the cage to its resting position. Carefully lower the secondary boom then the primary boom ensuring it is correctly located onto the boom rest. At the end of each individual manoeuvre, release both foot pedal and control lever.

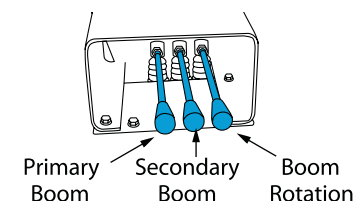
The lift should now be ready to use. However, do double-check that all the outriggers are correctly deployed.

Emergency Descent

If the operator becomes immobilised or the boom lift fails, lower the cage to the ground as quickly as possible, using the ground controls, taking care to avoid any obstructions.

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

Ground Control Levers



Each boom can be lowered by operating the ground control levers and the emergency manual hydraulic pump (see illustration). Lower the primary boom first followed by the secondary, rotate the lift as necessary to align the cage with the boom rest in stages.

Do not use the boom lift after an emergency descent, remove the key and press all red emergency STOP buttons and contact your local HSS Hire

GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Hire.



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 Hire.

  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.

 You are advised to wear a personal restraint harness when using this equipment. Available on sale or return 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.

Only elevate or drive this equipment on firm ground capable of supporting its weight (1,850Kg). DO NOT use it on ground where there is a risk of subsidence. Never leave the unit running and unattended.

Exhaust Danger

NEVER operate diesel engines indoors or in a confined space.
The exhaust contains gases that can kill.

Fuel Safety

NEVER refuel while the engine is hot or running. Never smoke or allow naked lights into the area while refuelling.
Never inhale fuel vapour.
ALWAYS mop up any spillage as quickly as possible, and change your clothes if you get fuel on yourself.
ALWAYS store fuel in a purpose-made sealed container, in a cool, safe place well away from the work area.

Always switch the engine off and wait for moving parts to come to rest before making adjustments to it.

Engines, especially the exhausts, get very hot so switch OFF and allow to cool before touching them.

Keep flammable materials well away from engine and exhaust.

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 use the lift near overhead power lines or similar hazards. Never use the lift if the wind speed exceeds 28 mph.

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

Do not carry large sheet material i.e. glass, plywood or PVC. Never stand or place loads on the cage guardrails. Switch OFF and remove the key before leaving the lift unattended.

Never exceed the equipment's safe working load of 200kg.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire.

GETTING STARTED

With the machine on firm level ground, check fuel and oil levels (see EQUIPMENT CARE).

Park the lift on firm, level ground and ensure that all outriggers will be deployed onto a firm footing.

There are three sets of controls with this unit, one in the cage to control the boom, one set of ground controls, which also control the boom and one set of drive and stabiliser controls, which are only accessible from the cage when it is fully lowered.

Both cage and ground controls are fitted with a red emergency STOP button which, if pressed, isolate the power in case of an emergency.

Both STOP buttons MUST be in the ON position to operate any part of the controls, if a STOP button has been pressed, reset it by turning clockwise until it pops out.

Within the cage is a foot pedal which must be depressed whenever operating any of the controls accessible from the cage. This foot pedal also alters the engine speed from idle to maximum but only when maximum engine setting has been selected.

There are two keys supplied which must be set to ON for the unit to operate. One key is in the cage and one is to the side of the engine cover.

The engine key can be used for cold starting prior to use but must be set to ON for the cage control engine start/stop system to work.

BASIC TECHNIQUES

Firstly, set the engine key to ON make sure that the ground control box key socket is set to '0' (off)

The ground controls can be operated under power if the key is set to the 'I' position however, when set to ON, the cage controls will not work.

Enter the cage and make sure the lift-up safety rail drops back into place after you have climbed into the cage, then secure your personal restraint harness to the fixing point (see illustration).

Insert the key at the cage-mounted controls and turn to ON (clockwise position II).

You can now start the engine and check each control prior to use.

To start the engine, turn the heat/start switch anticlockwise and hold for 10 seconds. Now turn the switch clockwise and hold for a maximum of 5 seconds until the engine starts. Once running, return the switch to the central position.

If the engine fails to start, repeat the warm up procedure and try again.

Select the required engine speed by turning the speed control switch to min for idle or max for automatic engine speed control. The engine will only increase in speed when the foot pedal is depressed.

With the engine warmed up and set the maximum, test the track system, outriggers and boom controls.

To drive the unit, place your foot on the foot pedal (the engine may be operated at idle to reduce the units top speed), then push the track levers forward to move forward and back to travel in reverse.

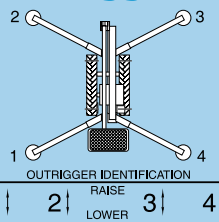
Note that the further the levers are moved, the faster the unit will travel.

Each tracks speed and direction can be individually controlled by the respective lever.

To stop, bring both levers to the central position. In an emergency, release both levers (you can also release the foot pedal).

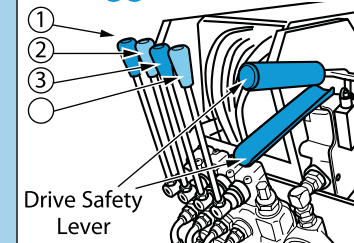
To lower the outriggers, depress the foot pedal, hold down the drive safety lever and move one of the four control levers. Move the lever down to lower the stabiliser and up to raise. Start by operating the two front outriggers (number 2 & 3) until the front of the tracks are raised off the ground. Next deploy the two rear outriggers

Outriggers

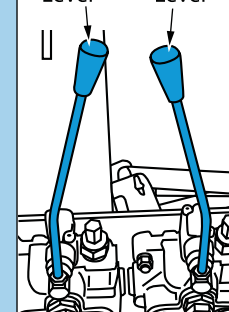


Track Drive Boom Lift

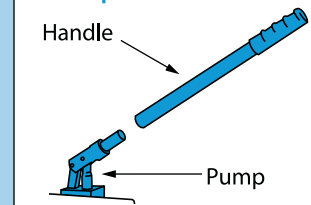
Outrigger Controls



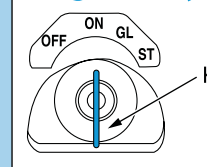
Left Track Right Track Lever



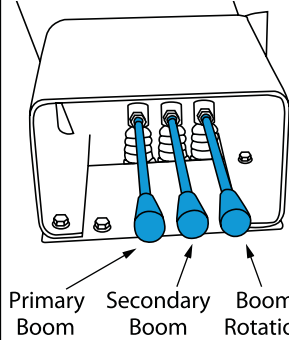
Pump and Handle



Engine Key



Ground Control Levers



Stop Button
Green Button
Key