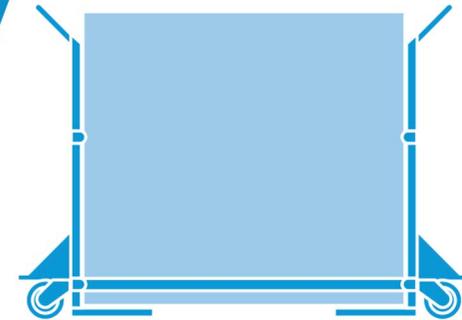


HSS Hire



Lifting Trolleys

The easy and effective way of moving difficult or heavy items, from machinery to domestic appliances.



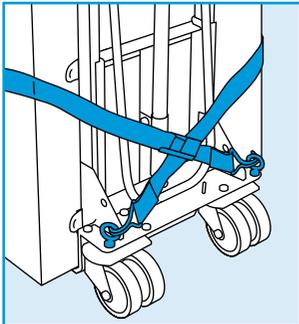
Code 70439 / 42 / 45 / 48

Where necessary, lower the lifting bed on each unit, until level with the ground. Slide the lifting bed of one unit under the edge of the load at one end and the other unit at the loads other end.

If the loads base is flush with the floor, use pinch or roller crowbars (available for hire, contact your local HSS Lift & Shift Depot for more information) to raise the load enough to allow the lifting bed to fit underneath.

With the lifting bed on both units fully inserted under the load, check that the load is evenly balanced to ensure the load will not tip over when raised.

Attach the retaining straps provided, between the units either to the eyebolts or if using model 2, above the lower castor bracket.



Each strap should be routed around the back of the lift and attached to the opposite eyebolt creating a crossover effect (see illustration).

Pull any excess strapping before closing the strap-locking device in the locked position, (see illustration).

Where required, attach a second retaining strap at a higher position.

All that remains is to raise the load evenly as described in GETTING STARTED, raise the load a nominal distance to check for balance and security. Once satisfied that the assembly is safe and secure, move the load to the required location.

The load should always be pushed. Do not pull the load as

you will have less control over its direction of travel and risk becoming trapped between the load and any surrounding structure.

Do not allow the assembly to travel at speed or change its direction of travel abruptly.

Hydraulic Model 1...

The base castors on each unit freely rotate and should remain free when moving the load. However, when manoeuvring on a slight camber the castors can be locked in one of four different positions for better control if required.

Pull the catch pin lever out by 90 degrees (see illustration), move the assembly in the direction of travel and the castors will automatically lock.

Hydraulic Model 2...

The base castors on each unit are linked together by the steering bar and can be locked in any position by tightening the steering lock screw.

As this model does not have freely rotating castors, both units must either be steered or be locked in the required direction.

Whichever model you are using...

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

There are no brakes fitted to any of the HSS lifting trolleys and care must be taken when negotiating even the slightest gradient.

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

Gently lower the load, remove the retaining straps then remove the lifting trolleys from the load.

Neatly fold up the retaining straps and where applicable, give the lifting trolleys a final clean up ready for return, to your local HSS Lift & Shift Depot.



... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so.

Training is available at HSS Training
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 HSS Lift & Shift Depot.

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 Lift & Shift Depot.

  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.

 Ensure the load is balanced, stable and that personnel stand clear of the raised load.

Safety Warning

This equipment **MUST NOT** be used to carry or lift personnel.

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.

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

Never leave the equipment loaded or unattended.

Always use, transport and store this equipment in an upright position.

Make sure the landing area is unobstructed and able to accept the load in size and weight.

Comm Code	SWL (kg)
70439	300
70442	2,000
70445	5,000
70448	3,000

Never exceed the equipment's safe working load, see chart.

Ensure the load has a flat base or if not, is either attached to a suitable pallet or specially designed attachment.

Ensure the work area is well lit and ventilated, lighting and ventilation equipment is available for hire from your local Lift and Shift Depot.

When moving loads keep to a sensible pace. If you go too fast, or if you try to wheel a heavy load down a slope, it could run away with you.

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.

GETTING STARTED

Hydraulic Lifting trolleys...

The hydraulic lifting trolleys are supplied as a pair and when correctly set up, will allow you to move the load with the minimum of effort.

There are two model types which both work in a similar way. Check with the illustration to confirm which type you have then follow the respective instruction.

Hydraulic Lifting trolley Model 1...

A manually pumped hydraulic unit is used to raise and support the lifting bed of each lifting trolley. **Before a load can be placed on to the unit the lifting bed must be fully lowered**, to do this open the pressure release valve by 1/4 turn anticlockwise. Once the lifting bed is lowered, fully close the pressure release valve by turning clockwise.

There are two eyebolt anchorage points and six eye plates (used as additional supports) on each unit to locate the retaining strap end hooks. **When attaching the retaining straps, aim to locate them at the lowest point possible**, to aid with load security to the lifting bed.

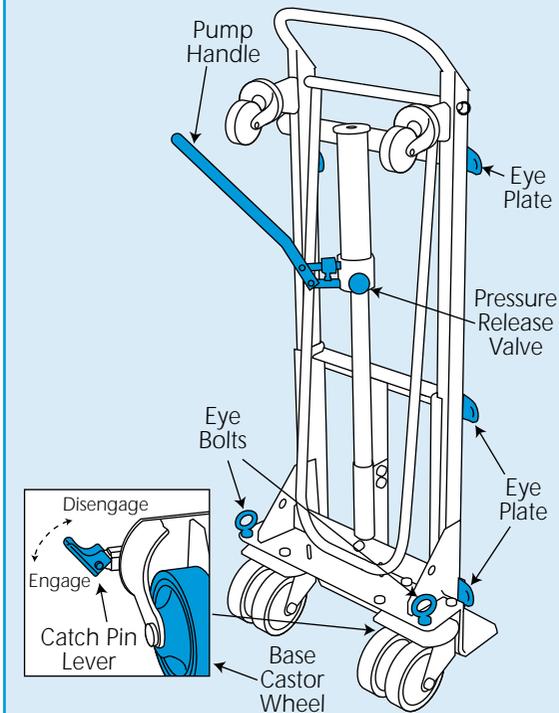
Hydraulic Lifting trolley Model 2...

A manually pumped hydraulic ram is used to raise and support the lifting bed of each lifting trolley. **Before a load can be placed on to the unit the lifting bed must be fully lowered**, to do this insert the pump handle over the valve and open the pressure release valve by 1/4 turn anticlockwise. Once the lifting bed is lowered, fully close the pressure release valve by turning clockwise.

Manual Lifting trolleys...

These lifting trolleys also come in a pair and are ideal for moving domestic appliances and similar types of loads.

Hydraulic Trolley Model 1



The lifting bed is raised or lowered by means of a ratchet spanner (supplied with the set) attached to the end of a threaded shaft. To raise the lifting bed, attach the ratchet spanner the end of the shaft and turn clockwise, to lower, simply turn anticlockwise.

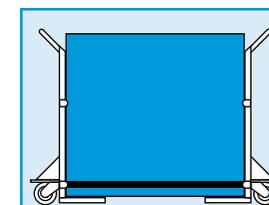
BASIC TECHNIQUES

Wheel the two units to the area where they are required, use only on firm, level ground and ensure that they will be deployed onto a firm footing.

DO NOT use on slopes, soft ground or where there is a risk of subsiding.

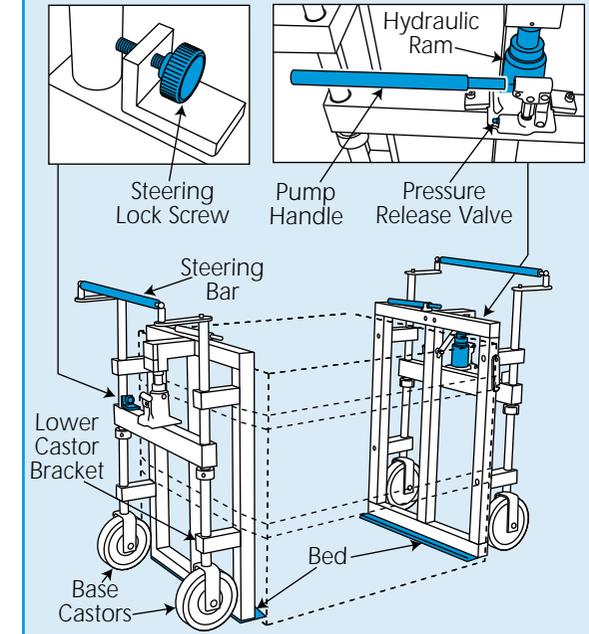
Before lifting ensure the load is free and not restrained by fixing bolts etc.

Determine the loads weight and centre of gravity as accurately as possible.

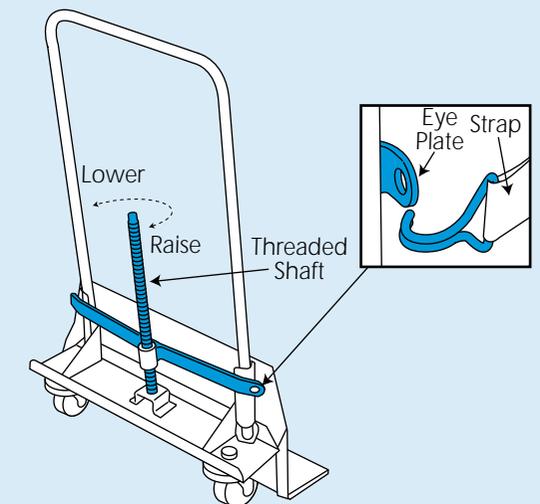


Secure at the lowest point possible and lift evenly.

Hydraulic Trolley Model 2



Manual Lifting Trolley



Know Your Symbols

HSS have created clear Icons to inform the hirer of their responsibilities towards the safe use of hire equipment.

These are designed to reduce the amount of different safety information labels required for each product for hire.

General use PPE / Warning

Clearly marked minimum PPE will be visible on all equipment,



Correct PPE must be worn



HAV Hand Arm Vibration



Danger Rotating blade



Danger Hot exhaust



Danger Electric shock



Caution Abrasive Wheel



Caution Finger trap

Fuel and Supply Types



Pe
Petrol



Di
Diesel



2t
2 - Stroke Petrol



EI
Electric

Safe Procedures

All hirers must understand and respect the safe procedures of all equipment.

It is the responsibility of the hirer to maintain and return the equipment in a clean condition and good working order.



Ro
Read OPS Guide



Ou
Outdoor Use only



HI
Heavy Lifting



Cd
Check Oil daily



Cf
Check Fuel daily



Cw
Check Water daily



Bc
Battery Care



Sh
Safe Height Working



Swl
Refer to Data Plate



V
Check Power Voltage Data Plate

Electrical Safety

Safe wiring procedures.



Ea
Must be Earthed Class 1



Doi
Double Insulated Class 2



Enl
Earth Live Neutral Wire Coding

Return Responsibility

Charges apply to equipment returned dirty and damaged.



Cc
Cleaning Charge



Rc
Repair Charge