

If the ground is uneven, raise either left or right support as necessary until the drum is level with the trailer.

Continue raising both supports evenly until the top location holes line up with the support pins location hole. Re-insert the transport pins and refit the 'R' clips.

To protect the rams from unnecessary stress, open both rams control valves then open the hydraulic release valve by turning it anti-clockwise by 1 full turn. Wait for approximately one minute before closing the release valve.

Swing the brake assembly round and align with the nearest location hole, then insert the brake pin and 'R' clip.

Finally, fully raise and lock the two rear jacking feet.

BASIC TECHNIQUES

The unit is now ready to be towed.

Road Safety

Before towing always make sure: – The trailer is correctly fitted to the vehicle tow bar and the breakaway cable is attached.

The jacking leg wheel is raised and locked.

All lights and brakes work and a numberplate is displayed.

When towing this equipment, DO NOT EXCEED A SPEED OF 50MPH.

When feeding cable from the trailer, keep the trailer attached to the towing vehicle, with both the vehicle and trailer's hand brakes ON. Always deploy the trailer's jacking feet.

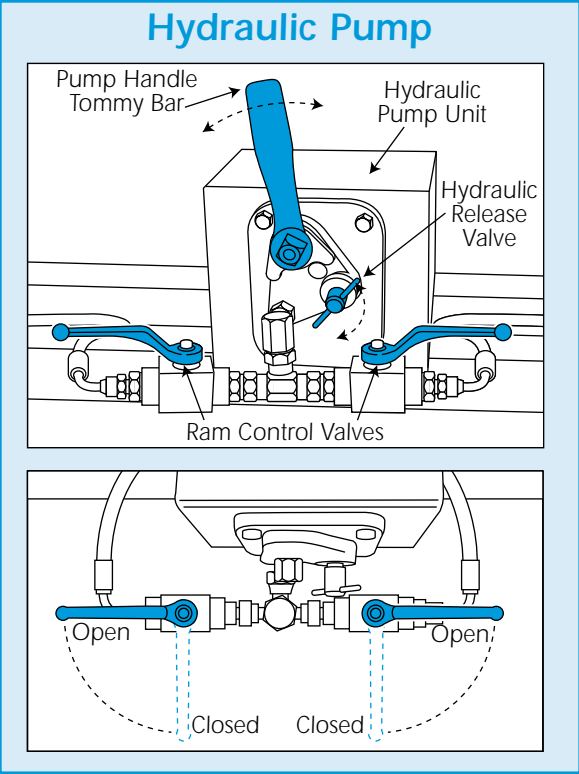
Set the drum brake by tightening the screw handle using the hydraulic pump tommy bar.

Aim to tension the brake so that the cable is easily pulled yet when you stop pulling, the drum stops rotating.

Fine adjustment of the brake tension can be achieved by use of the hand lever.

When you need to off load the cable drum from the trailer, simply reverse the fitting instructions. Do ensure that all pins, clips and bolts are replaced correctly before towing the trailer.

The rams are designed to lift the drum enough to be supported by the travel pins, avoid leaving the rams under tension for long periods.



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

Remove the drum by reversing the instruction in 'GETTING STARTED'. Give the trailer a final clean up ready for return, to your local HSS Lift & Shift Depot.

Technical Specification

Maximum Drum Weight.	1,000kg
Maximum Drum Diameter.	1,800mm
Minimum Drum Diameter.	1,000mm
Maximum Drum Width.	1,050mm
Length.	2,700mm
Width.	1,950mm
Height.	1,350mm
Weight (unladen).	350kg
Tyre Pressure.	55psi (2.2 bar)



...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
Fax: 020 8687 5001

©HSS Hire Service Group Plc 2000 No. LS96/01

Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.co.uk/liftandshift>

Operating & Safety Guide LS96

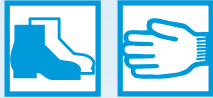
LS96/01

HSS Lift & Shift



Cable Drum Trailer

A robust trailer designed for the safe transportation of underground cable and overhead conductor drums up to 1,000kg in weight.



Code 70741

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 and footwear. 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.

Make sure that anyone in the immediate work area is warned of what you are doing.

Never exceed the equipments safe working load of 1,000kg.

Ensure the tyres are in a roadworthy condition and inflated to 55 psi (2.2 bar).

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

The HSS cable Drum Trailer has been designed to safely transport and support cable drums up to 1,800mm in diameter and 1,050mm in width.

The unit is fitted with two independently operated hydraulic rams for easy lifting.

Placing the spindle at different positions can accommodate a variety of drum sizes. There is also a brake system to control drum rotation when unloading cable from the drum.

Where possible, the cable drum should be loaded and unloaded from the trailer when attached to the towing vehicle. This aids the stability of the unit.

Before loading the unit, deploy the two rear jacking feet.

The spindle supports must be fully lowered ready to accept the drum.

If the spindle supports are raised and/or held in position with the transport pins, remove their 'R' clips and retract the pins to allow the spindle supports to be lowered.

The hydraulic system has two rams, which are both fed by the same pump. You can operate either both or one at a time, depending on which ram has been selected.

To select a ram, open its control valve by turning the handle inline with the direction of flow. To close the ram off, turn the handle 90 degrees (see illustration).

Select both rams then open the hydraulic release valve by turning it anti-clockwise by 1 full turn. This is also used to control the descent of the drum when unloading the trailer.

Push down on the spindle until the spindle supports are fully lowered, then close the hydraulic release valve by turning it fully clockwise.

Remove the 'R' clip and spindle retaining pins (one each side) then lift the spindle clear.

The drum must be loaded onto the trailer with the cable being fed from the top of the drum.

Loosen and remove the right-hand (see illustration) collar from the spindle, then insert the spindle into the drum. Ensure the left-hand collar is located within the drums left-hand centre hole.

Refit the right-hand collar to the spindle, slide it fully into the drums right-hand centre hole then secure in place.

Secure the drum brake assembly torque arms to the drum using suitable coach bolts.

Double check that the spindle is fitted firmly to the drum, make any necessary adjustments to remove end play.

Roll the drum into the trailer and align the spindle ends with the nearest spindle support lug. Where necessary, raise the trailer to align the spindle and lug.

Once in position, replace both spindle retaining pins and 'R' clips.

Open both rams control valves by turning the handle inline with the direction of flow. You can now proceed to pump the hydraulic system and raise the spindle supports complete with spindle and drum, off the ground.

Cable Drum Trailer

