

## BASIC TECHNIQUES

### RAISING THE TOP MAST

Ensure that security pin on the lower mast (locking middle mast) is in the engaged position.

Check, that the steel cable on the winch is hand tight and not loose.

Rotate winch handle clockwise to tighten or counter clockwise to loosen.

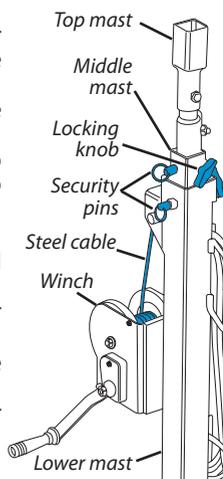
Loosen locking Knob.

Pull security pin to release and hold out in retained position.

Crank winch clockwise to raise upper mast to the desired height.

Release security pin into one of the positioning holes on top mast.

Tighten the locking knob for additional security.



### RAISING THE MIDDLE MAST

Ensure that security pin on the middle mast (locking top mast) is in the engaged position, then check, that the steel cable on the winch is hand tight and not loose.

Loosen locking knob.

Pull security pin to release and hold out in retained position.

Crank winch clockwise to raise the second mast to the desired height.

Release security pin into one of the positioning holes on the middle mast.

Tighten the locking knob for additional security.

Ensure, that the steel cable is hand tight and not loose.

### LOWERING OF THE HEADS (reversing the lifting procedure)

Before releasing anything, ensure that the winch cable is tight. Release the locking pins and knobs in a reverse sequence as in the lifting procedure. Rotating the winch handle counter-clockwise lowers the load. The winch is auto-braking. Stopping the handle rotation stops the lowering. **Watch the Heads carefully to avoid touching or getting hooked on any obstacles.**

If the head will not lower check that the mast locks are **not engaged**. Ensure the winch line is holding the load then disengage the locks fully. You can now continue to lower the mast.

### TRANSPORT POSITION

The steel cable must be correctly and completely rolled up to avoid any crushing of the fibres. The stand can be transported in a vertical or horizontal position.

## SPECIFICATIONS

### DIMENSIONS QUAD POD

Max Height	5.5 m
Min Height	1.9 m
Expanded Footprint	2.63 m
Weight	68 kg

### DIMENSIONS HEAD (1X TWIN HEAD)

Height	520 mm
Width	720 mm
Depth	140 mm
Weight	13 kg

### SAFETY WARNING

**DO NOT USE IN WIND SPEEDS EXCEEDING 30 MPH.**

### 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 equipment for the job. Contact HSS Hire for advice.

**If the bulbs fail, do not attempt to replace or fix them,** contact HSS Hire 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 secure.**

### FINISHING OFF

**Disconnect the equipment from power supply and lower the heads.**



### ... 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](mailto:safety@hss.com)

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310/01

Operating & Safety Guide 310

# HSS Hire



# Quad Pod Flood Light

Portable lighting system with  
**80,000 lumens output, quick set up**  
with a mast maximum height 5.5mtr



Code 57242

## GENERAL SAFETY

For advice on the safety and suitability of this equipment contact 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 should 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 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 and footwear. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

 This equipment is heavy (68kg). Never attempt to lift it on your own, always get help.

Ensure the work area is well ventilated, if in doubt, ask about ventilation equipment at HSS Hire.

Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. Keep combustible materials at a safe distance – at least 5mtr.

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

Never try to repair the equipment.

Always operate in an exactly vertical position.

Secure the stand to the ground when its used on a sloping surface.

Never lean a ladder or other things on the mast.

Never move the stand when it is loaded.

Never let the cable only support the entire load.

Before erecting the equipment, make sure the ground is capable of supporting its weight.

Always inspect the upper and lower junctions of the steel-cable.

All sliding and rotating mechanisms must be regularly lubricated.

Never lubricate the winch brake.

## ELECTRICAL SAFETY

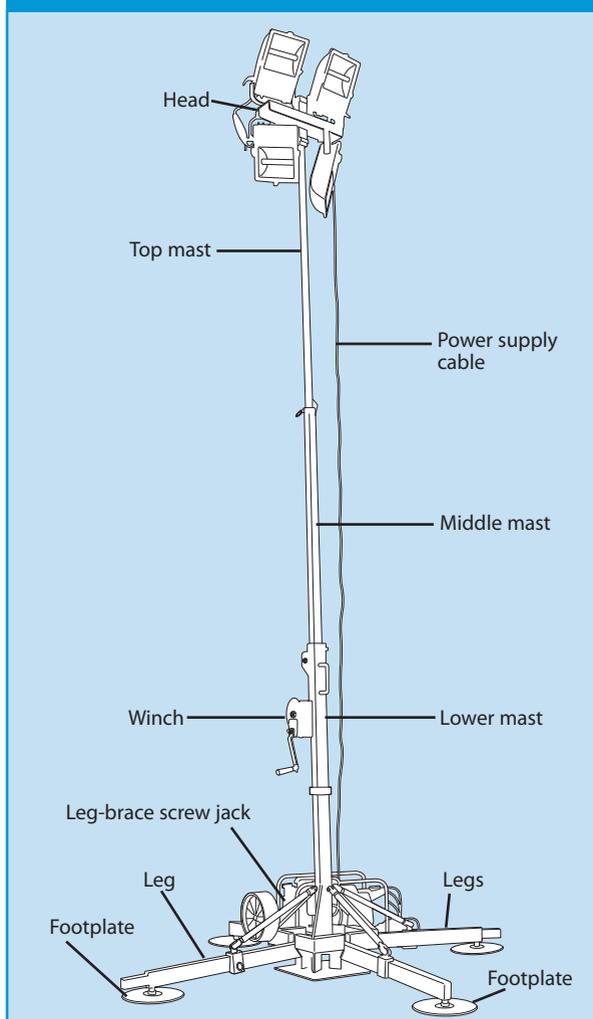
HSS Quad Pod Flood Light is fitted with a 110v plug that can be plugged into a suitable generator or 110v power supply.

These light heads are dual voltage and can be supplied with a 240V supply, contact HSS Hire for advice. Before each use, inspect the state of the cables for unusual wear, breaks, knots and folds.

 To reduce the risk of electric shock, use a suitable RCD (Residual Current-Operated Device) available from HSS Hire, or power the equipment from a mains circuit with a built-in RCD.

If the lamps fail, return unit. Never try to repair yourself.

## IDENTIFIER



## GETTING STARTED

Never use the HSS Quad Pod Flood Light until you have fully read and understood this User Guide and the equipment has been properly set up using the information it contains.

Before using the equipment inspect its condition.

Inspect the state of the cable for unusual wear, breaks, knots and folds. Inspect the upper and lower junctions of the steel-cable regularly. The lower end of the cable at the winch can be seen by unrolling the cable from the winch.

The upper end of the cable is visible if the topmast is extended. All screws have to be tight and not damaged. Check all visible screws and axles for their tightness.

If damaged cables or missing nuts are found return the equipment to HSS Hire. Do not try to replace missing parts or repair it.

All equipment used outdoors or in very humid environment must be regularly lubricated (all moving mechanisms excluding brakes).

Maintenance and repair must be done by HSS Hire only. If in any doubt contact HSS Hire.

### STABILITY

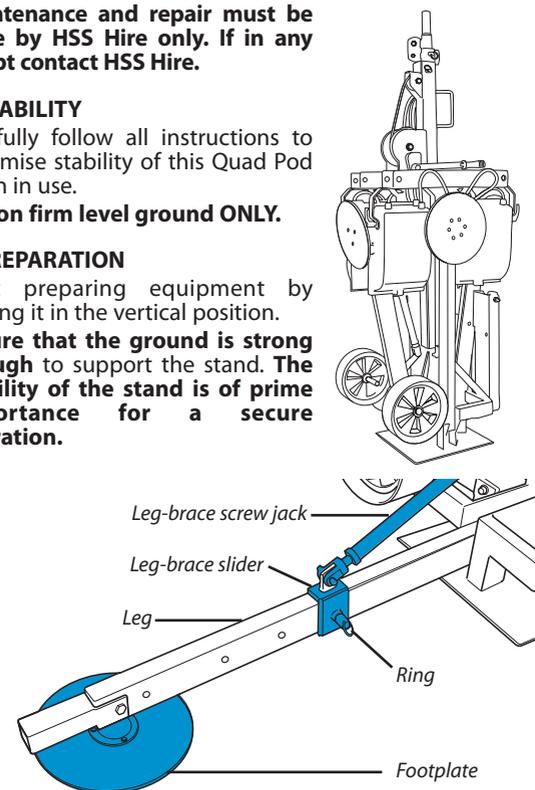
Carefully follow all instructions to maximise stability of this Quad Pod when in use.

Use on firm level ground ONLY.

### PREPARATION

Start preparing equipment by placing it in the vertical position.

Ensure that the ground is strong enough to support the stand. The stability of the stand is of prime importance for a secure operation.



Pull the ring to unlock the leg-brace slider and lower the leg from vertical into horizontal position.

Choose the closest of the 3 holes in the leg and release the ring to lock the leg-brace slider to the leg. Ensure that the pin locks safely into the leg hole.

Repeat above steps with the other 3 legs.

Use the leg-brace screw jacks to ensure the footplate touches the ground.

Continue turning the screw jacks of each leg in sequence until the load pad below the Mast slightly lifts off the ground. And the mast is in a Vertical position.

When the Stand is securely positioned and vertical, check again that the 4 pins on the leg-brace sliders are properly locked into the holes in the leg. There should be no red mark visible. Attach 4 security cables to the top-mast collar if you are using the stand in excessively windy situations or in an unstable environment.