To adjust its position, insert the pin spanner *(provided)* ***into the end of the counterweight. Loosen the counterweight by about eight turns*** *(anticlockwise)* ***move the counterweight to the required position*** *(see chart)* ***and relock.***

Height in Metres	Counterweight	Position
	18mm Rope	20mm Rope
Up to 10	1	1
From 10 to 20	1-2	2-3
From 20 to 30	2-3	3-4
From 30 to 40	4-2	4

BASIC TECHNIQUES

If the item to be raised has a dedicated lifting eye, ensure it is in a good condition before you attach the hook.

If the item has no lifting eye, suitable slings/chains must be used.

Before lifting, ensure the load is free and not restrained by fixings etc.

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

Lift the load a nominal distance to check balance and security of the load.

Use tag lines to control long or bulky loads.

Once raised lower as soon as possible. DO NOT leave the load suspended or unattended for any reason.

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 and then remove it from the rope.***

Remove the rope from the wheel/pulley and remove from its mounting position by reversing the instruction in 'GETTING STARTED'.

Give the unit a final clean up ready for return*, to your local HSS Lift & Shift Depot.*

...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

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Operating & Safety Guide LS113

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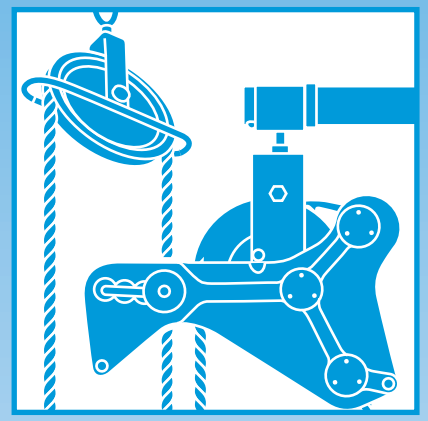
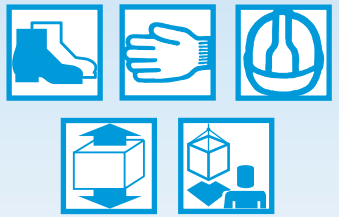
HSS Lift & Shift



Gin Wheel and Safety Pulley

The single pulley gin wheel for lifting light loads and the safety pulley fitted with an automatic braking system.



Code 69400 / 69401

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.*

Use this equipment for vertical lifts only and use on a level area able to take the combined weight of the load and the equipment.

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

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.

Use this type of equipment only on structures that are able to bear its weight and its load.

Do not shock load this equipment.

Never leave the equipment loaded or unattended.

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

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

Description	Comm Code	SWL
Gin Wheel	69400	250Kg
Safety Pulley	69401	50Kg

***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

Double check that the equipment you have hired has a sufficient Safe Working Load** (SWL) **for the item being lifted.

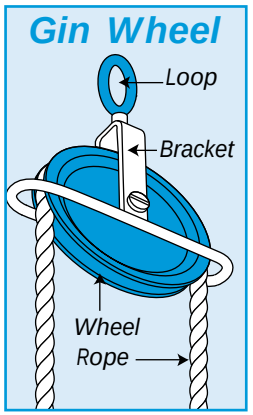
Make sure that you only use a suitable rope of either 18mm or 20mm, which is also long enough for the required drop.

Check and confirm that the suspension/anchorage point is tested and certified to the equivalent** (or preferably greater) **SWL of the wheel/pulley.

Rope should be clean and free from dust, dirt, moisture and grease. If the rope is gouged, twisted or frayed DO NOT USE IT, contact your local HSS Lift & Shift Depot for advice.

Allow a 10% safety margin to accommodate dynamic forces that may arise during the course of a lift.

If using a Gin Wheel...



Attach the wheel to a suitable tested suspension or anchorage point.

You can either use a suitable shackle or slide the loop on the wheels bracket over a scaffold pole and retain in place using a scaffold clip either side.

Once secured, feed the rope over the wheel and continue until the rope reaches the ground or the area where the load is to be lifted from or lowered to.

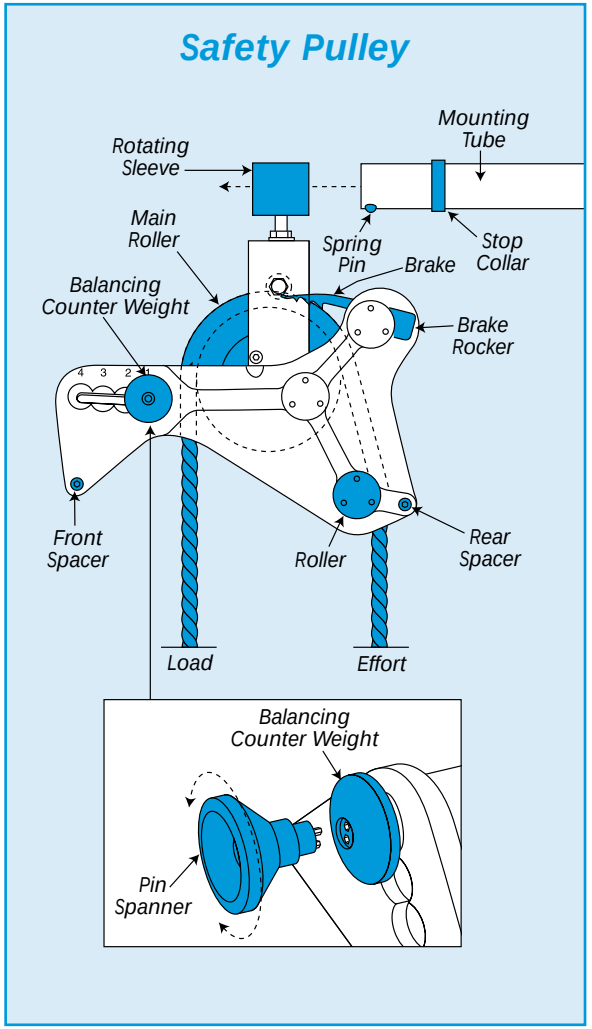
If using a Safety Pulley...

This auto-braking unit is supplied with its own mounting tube which should be attached to the scaffold using standard scaffold clips.

Before attaching the tube ensure that the end fitted with a stop collar and spring pin are outermost.

Feed the rope through the unit** (see illustration) **start by feeding the rope between the rear spacer and roller.

Next feed the rope between the main roller and the brake, if you find that the brake gets in the way, press down on the brake rocker to hold it clear.



Finally, feed the rope so that it is between the main roller and counterweight.

Raise the unit and slide its rotating sleeve onto the mounting tube, ensuring it is pushed beyond the spring pin.

You can now pull enough rope through the pulley to allow the rope to reach the ground or the area where the load is to be lifted from or lowered to.

The safety pulley has a braking system which will grip the rope if you loose control. It will only work if the counterweight is set correctly and the SWL is NOT exceeded.

The last adjustment to make is to the balancing counterweight. This should be set in position according to the length of drop of the load side of the rope.