

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

NEVER allow yourself or others to be in a position between the load and a wall or other fixed structures as you could become trapped and seriously injured.

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

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 your local 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 safe** from thieves and unauthorised users.

FINISHING OFF

Raise the load and remove the skates, disconnect the tie bars from the two rear skates.

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



... have you been trained

The law requires that personnel using this type of equipment must be competent and qualified to do so. Training is available at HSS Training Solutions
0845 766 7799

...any comments?

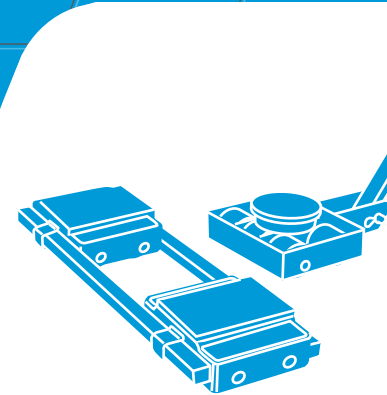
If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below
e-mail: safety@hss.com

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76 Talbot Rod, Old Trafford, Manchester, M16 0PQ
www.hss.com

LS43/02

Operating & Safety Guide LS43

HSS Hire



Shifting Skates

A range of shifting skates for moving machinery from 6 to 30 ton.



Code 70406/12/14/16

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.

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 and footwear. 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.

It is both the hirer's and the operator's responsibility to perform a risk assessment before using this equipment. You are also responsible for the safety of any person in the work area.

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 exceed the equipment's safe working load, the

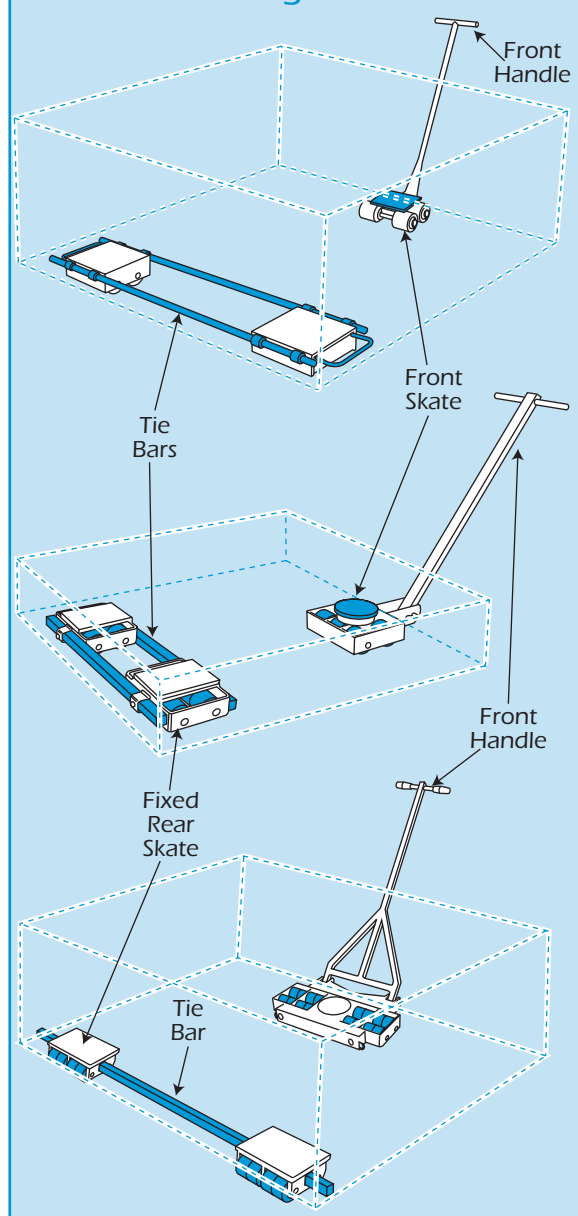
Comm Code	SWL
70406	6T
70412	10T
70414	20T
70416	30T

SWL is based on a SET of skates and NOT rated individually, see chart.

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

your local HSS Hire.

Shifting Skates



GETTING STARTED

This equipment must only be used on a smooth, hard surface capable of withstanding the weight of the load.

Thoroughly clear and clean the floor area to remove oil, grease and swarf.

Ensure you have selected a set of shifting skates that

are designed for the item's weight.

Have to hand, any necessary lifting and pulling equipment needed for the job. HSS can offer for hire, various components depending on what you are trying to achieve.

The equipment available ranges from nylon and wire ropes, shackles, manual and hydraulic trolley winches, to pinch rollers and toe jacks. For advice on the range of equipment, contact your local HSS Hire.

Check that the route to the destination is clear and the surface is suitable for both the weight and the shifting skates.

Assess the load's design to determine the best position for the skates, the load must rest on the skates top pads.

The contact point of the load **MUST** be able to support its weight, I.E. A suitable jacking point, in the same way as jacking a car.

Determine the best position for the two fixed rear skates, then link them together using the tie bars supplied.

Simply slide the bars through the slots on the skate's body, and secure at the required distance with the lock bolts.

Raise the load using suitable jacks then place the rear skates in position, ensuring that the protective pads are in place.

Under no circumstances must anyone allow their hands or feet under the load, whether raised on jacks or set on skates. Where the skates need to be manoeuvred use a crowbar or similar.

Next place the front skate (fitted with a turntable) under the front of the load, again, ensuring that the protective pad is in place.

The skates should be in a position whereby the load will be evenly distributed and safely balanced.

Lower the load onto the skates and double check that everything is OK, make sure that the contact point between the load and skate is strong enough.

BASIC TECHNIQUES

The handle on the front skate is only for steering the load, DO NOT use the handle to pull the load.

The front skate must not be steered with the load stationary, steering may only occur when the load is moving.

When the load is moving always position yourself so you can control the skates while staying clear of the raised load.

Continually check the path behind and in front of you to make sure there are no trip hazards.

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



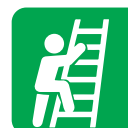
Cf
Check Fuel daily



Cw
Check Water daily



Bc
Battery Care



Sh
Safe Height Working



Swl
Refer to Data Plate



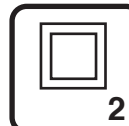
V
Check Power Voltage Data Plate

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