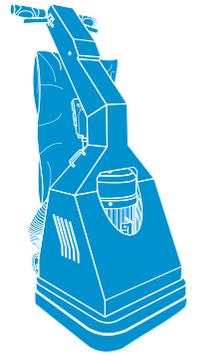


# HSS Hire



## Sand Glider

For sanding or preparing floor ready for varnishing/polishing



Code 05426

## 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.

**Dust bags must be emptied when indicated via the full line on the bag and before leaving the sander for any length of time.**

**Dispose of wood dust carefully.**

**Never use a sander that has not got an sanding disc fitted. Always use the right sanding disc for the job and change it as soon as it becomes clogged or damaged.**

**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

**Release ON/OFF levers and unplug the sander.**

**Remove and dispose of the dust bag and clean the sander.**

**Neatly coil its flex ready for return to HSS Hire.**



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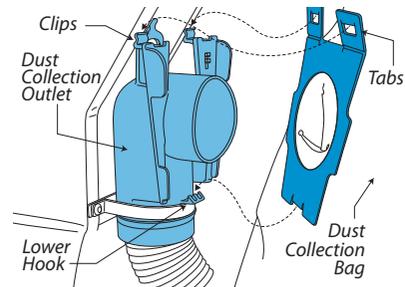
Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.com>

**edge of the card on to the outlet's lower hook.**

**Pivot the card to bring the bags centre opening over the outlet until card and outlet are flush.** Finally, **lower the two tabs over the outlets clips** to retain the bag in place.

Removal is simply a reverse of the fitting instruction.



There is also a dust skirt which fits onto the outer edge of the base and is used to contain the dust. The skirt is held in place by a continuous velcro strip which allows for the skirt to be adjusted as its leading edge wears. **The skirt MUST be fitted and correctly positioned whenever the sander is in use.**

SandGlider ©

**The skirt MUST be fitted and correctly positioned whenever the sander is in use.**

## BASIC TECHNIQUES

### OPERATING THE SANDER

The HSS Sand Glider is **designed to be operated in the upright position with all sanding discs in contact with the floor. DO NOT tilt the unit back before switching it ON.**

Having fitted a full set of four sanding discs, wheel the machine to the far corner of the floor, placing it as close to the corner as possible. You will be walking backwards when you first progress. **Connect the power supply lead to the sander then**

**to the power supply and switch the supply ON.**

**Drape the cable over your shoulder to prevent it being damaged by the sanding action.**

With all four sanding discs in contact with the floor surface, **take a firm hold of the control handles. Squeeze in the lock off lever followed by ON/OFF lever** to start the motor.

Once the sander motor reaches operating speed, **slowly walk backwards manoeuvring the unit over the floor surface.** The machine will try to move around when in contact with the floor so be prepared.

Try to overlap the previous strip to ensure that you do not have 'unsanded' areas.

The slower you move the sander the greater the removal so keep a close eye on the surface finish and adjust your speed as necessary.

**Do not exert pressure on the machine,** let it work at its own pace. Rushing the job will result in a poor finish and will wear out the sanding discs quicker.

**Periodically stop and inspect the condition of the sanding discs.** Discs should be replaced when the abrasive is worn, damaged or clogged.

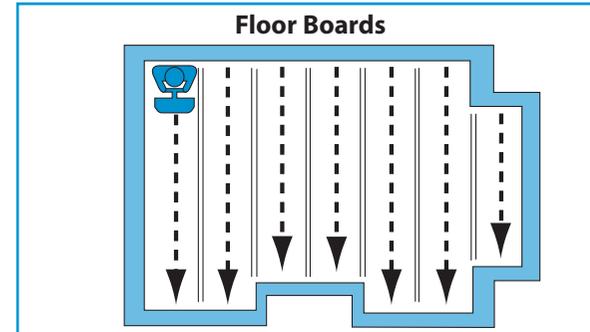
Once the entire floor area has been sanded, release the ON/OFF lever to switch the sander OFF.

Before fitting the next grade of disc, thoroughly vacuum the floor and give a visual inspection to ensure the floor has been correctly sanded.

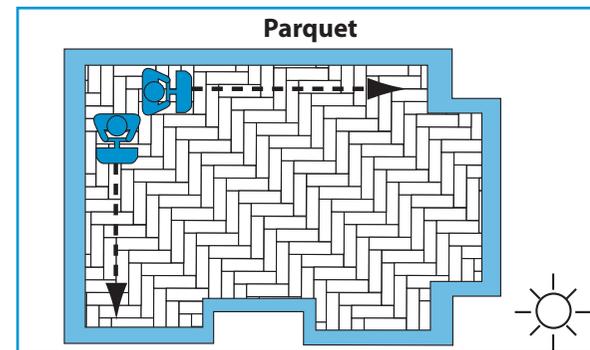
**If you rush into the job your floor may be damaged.**

### SANDING TECHNIQUES

The following information is for guidance only and is not necessarily suited to your particular floor. No responsibility will be accepted for flooring damaged by this technique.



Where the floor is in a bad condition or the boards have warped, you can rough sand diagonally from top left to bottom right then top right to bottom left. Once rough sanded, continue sanding along the grain for a finish.



**Always sand towards the source of light,** never across or diagonally from it. The light will show all imperfections when sanded in any other direction.

## TRANSPORTING

### VEHICULAR

When transporting the machine, **do not lay the unit down, always keep the sander upright** with all four protected backing pads in contact with the floor. **Do not transport on an open vehicle in adverse weather.**

### PEDESTRIAN

**Tilt the sander back onto its transport wheels, making sure that the dust collection bag is kept clear of the ground and the wheels.**



## 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.

 Some materials contain substances which, when sanded, can be harmful to health. A suitable mask must be worn when using this equipment.

 This equipment generates potentially harmful noise levels. To comply with Health and Safety at Work regulations, ear defenders must be worn by everyone in the vicinity.

## FIRE WARNING

### WOOD DUST IS EXPLOSIVE!

Never store wood dust it can be dangerous. Dispose of the bag when indicated to do so via the full line on the bag and before leaving or storing the machine.

Never tip wood dust into a fire or incinerator it may explode.

Never leave it packed in a dust-bag or similar container it can ignite spontaneously.

To dispose of it safely, mix it with general rubbish.

Keep the equipment dry and protect this equipment from damp or wet conditions.

Ensure the work area is well ventilated and free from anything that could ignite wood dust.

Never carry or pull the machine by its power supply cable. Check the equipment before use, if it shows signs of damage or excessive wear, return it.

Make sure you know how to switch this equipment OFF before you switch it ON in case you get into difficulty.

Make sure you know how to operate this equipment safely and are aware of its limitations before you use it.

Always switch OFF and unplug the machine before making any adjustments to it.

## ELECTRICAL SAFETY

The HSS Sand Glider plugs into a standard 230V 13amp socket. The lead then simply connects to the captive male plug fitted to the underside of the main control handle.

If the equipment fails, or if its power supply cable or plug becomes damaged, return it. Never try to repair it yourself.

Keep cables out of harm's way, and clear of the work area.

The maximum overall length of cable you can use with this machine is 30M and any extension used must be at least 2.5mm 3 core.

Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Always remove the plug from the power socket before undertaking any type of intervention on the HSS Sand Glider or if it is left unattended or within children or people's reach not quite conscious of their own actions.

Ensure the machine and power socket are switched OFF before plugging into the power supply.

Before removing the plug, switch off the machine.

 To reduce the risk of electric shock, always use a suitable RCD (Residual Current-Operated Device) available from HSS Hire.

## GETTING STARTED

The HSS Sand Glider is designed for sanding and polishing the floor. It is able to sand a floor right up to the edge, eliminating the need for an edging sander.

Never use the HSS Sand Glider until you have fully read and understood this User Guide and the machine has been properly set up using the information it contains.

Prior to using this equipment you must prepare the room. It is advisable to have the room empty of all furniture, curtains and wall hangings.

Clear the room and thoroughly vacuum the floor. If you do not, you risk damaging the machine backing discs.

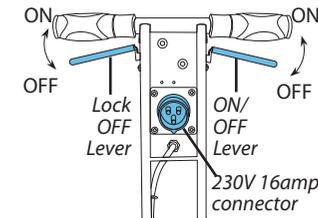
If there are nails, screws, tacks, staples or any other type of fixing in the floor make sure they are all either removed or driven 2mm below the floor surface.

Pipework passing through flooring to a radiator will be vulnerable to damage by the sanding discs/disc and must be protected to avoid water leakage and property damage. This precaution must also be taken with cables and wires.

Ideally, all windows should be opened and all doors closed and sealed with tape. The HSS Sand Glider will collect up to 95% of wood dust but not all, so sealing the doors will help prevent dust travelling throughout the building.

## CONTROLS

To safeguard the operator, the The HSS Sand Glider is fitted with a switch that must be held in the ON position by the operator. If the switch is released, the machine



will stop. In addition, there is a lock off lever, which will prevent the ON/OFF lever being operated on its own.

To switch the machine ON you must firstly operate the lock off lever. This lever prevents the ON/OFF lever from being accidentally

operated. Next, squeeze and hold the ON/OFF lever to start the motor.

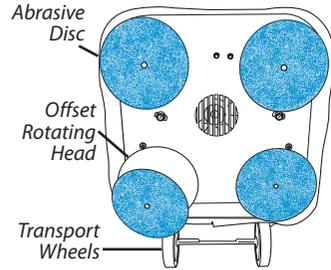
You must hold the control handles with both hands during operation.

If you release the ON/OFF lever, the machine will stop.

## FITTING A SANDING DISC

Fit the sander with the appropriate abrasive. In general, start with a medium grade, then work through to a fine grade until the desired finish is achieved.

Isolate the sander from the power supply and carefully tilt the sander back until its handles are touching the floor.



## SANDING DISC SELECTION

Selection of the correct grade of sanding disc is very important. Generally you can start with a medium grade but care must be taken in case this is too coarse.

If unsure, start with fine and change to a coarse grade if required. If you start with a coarse grade and remove too much material you will have to sand the entire floor to the same level.

Work through the grades until the desired finish is achieved.

The machine should remain in position but it is advisable to have someone hold it in case it tips back up.

Sanding discs are fitted with the Velcro fastening system. Firstly, remove any fitted disc by pulling it from the backing pad. Simply align the new disc with the backing pad and press on firmly.

It is also advisable to keep a set of sanding discs fitted to the backing pads when not in use, to protect the pads Velcro surface from damage.

## DUST CONTROL

The HSS Sand Glider is designed with its own dust collection system.

## DISPOSABLE BAG

The disposable bag fits to the outlet at the upper rear of the machine and requires no tools to release or fit. The inlet is fitted with stiff card, which attaches to the dust extraction outlet.

Take a new bag and fully unfold it. Position the bottom

## IDENTIFIER

