

Using the Floor Sander

1. Wear the protective equipment including ear defenders, dustmask and goggles.
2. Do not smoke while using this sander, the wood dust is extremely flammable.
3. Do not expose the sander to rain or let it get wet.
4. Before starting to sand any surface check the entire surface for protruding nails, screws or tacks. They must be removed or punched below the surface.
5. Tilt the floor sander onto its back edge before switching it on.
6. Let the floor sander run up to full speed before lowering it carefully onto the surface. Be prepared for the reactive force when the abrasive sheet contacts the floor surface.
7. Keep the floor sander moving across the floor all the time it is running do not let it stand still; it may cause grooves in the floor.
8. Let the weight of the floor sander do the work. Any extra pressure will overload the machine and may cause grooves in the floor.
9. Hold a small loop of the cable in the left hand, and then pass it over the left shoulder to keep the cable clear, do not let the machine run over it.
10. If it is suspected that the cable may be cut or damaged in any way, switch off and unplug at the socket before inspecting it. If the cable attached to the floor sander is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged do not use it again.
11. Take care not to accidentally pull the plug from the socket.
12. Vibration may affect the hands – watch out for signs. If the fingers start to tingle or feel numb, take a short break from using the machine. Exercise fingers to encourage blood circulation.
13. To help prevent the effects of vibration, operate the machine for shorter periods. Keep hands warm – wearing gloves may help to do this.
14. Tilt the floor sander onto its back edge again before switching off and wait for it to stop completely before standing it on the base.
15. Make sure that any ventilation slots in the floor sander do not get blocked with sawdust.
16. Switch off and remove the plug from the socket before leaving the floor sander unattended.
17. If the equipment doesn't work properly, do not attempt to repair it. Contact the hire company.
18. Please store this leaflet safely. It may be required for further information.

Please keep this leaflet safely as it may be required for future reference



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1. Use a residual current device ("rod") plugged directly into the 230V socket. Plug the machine into the rod. This will help to protect against electric shock if the cable or machine gets damaged.
2. Use the "TEST" button to check that the rod is working each time it is used. Heed the instructions supplied with the rod.
3. If the instructions given by the five special instructions are needed, follow any special instructions given by the five special instructions only. A suitably rated, heavy duty 110V extension cable should be used, not longer than 50 metres (160 feet). Plug it directly into the rod.
4. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might get trapped, and places where it might run over it. It should be undisturbed or it will overheat and catch fire.
5. Extension cable connections should be dry and safe.

1. If a portable transformer is being used, plug the transformer directly into the 230 volt socket. 230V extension cables should not be used.
2. If an extension cable is needed, follow any special instructions given by the company. If the cable company has not given any instructions, only a heavy duty 110V extension cable should be used, not longer than 50 meters (160 feet). The extension cable must only be used between the transformer and the machine.
3. Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might get trapped, and places where vehicles might run over it. It should be extended fully or it will overheat and could cause a fire.
4. Extension cable connections should be dry and safe.

ELECTRICAL SAFETY
The machine will only operate on one voltage; it will be 110V or 230V.
110V machines will have a yellow industrial plug
230V machines will have either a normal square pin plug, or a blue industrial plug. Make sure the machine is switched off before plugging it into the supply.
For further information, please refer to the following pages.

8. Loosen the screws on the drum clamp bar (some models have two screws; others have one) until the bar is clear of the drum. Do not remove the clamp bar.
9. Rotate the drum of the abrasive sheet under the clamp bar.
10. Abrasive sheet around the drum, then insert the second edge of the abrasive sheet until the other side is tight around the drum.
11. Hold the abrasive sheet tightly around the drum and screw down the clamp bar securely. Check that the sheet is taut and repeat the procedure as above.
12. Leave the abrasive sheet on the drum after use.
13. If the abrasive sheet breaks up while using the machine, switch Off immediately, remove the broken sheet and replace with a new sheet.
14. Before starting, inspect the make and model number of the broken pieces of the abrasive sheet that may be found. Failure to do so will prevent the machine picking up the dust.
15. Close and secure the covers after changing the abrasive sheet.
16. Frequently check that the abrasive sheet containing screws are still tight. A loose screw can damage the drum and the floor surface.

Dust bag

1. Always empty the dust bag when the dust reaches the "MAX" line printed on the dust bag according to the instructions printed on the bag.
2. Do not re-use a paper dust bag, only use dust bags that have been supplied or recommended by the hire company. If paper bags are used, they must be disposed of safely.
3. Do not empty the sawdust bag onto a fire – it may explode.
4. Do not smoke while handling the dust bag. Remember the sawdust is highly flammable, or before you leave the machine unattended.
5. Always empty the dust bag when the dust reaches the "MAX" line printed on the dust bag.

around the dust tube neck.

The bag is good condition, no holes. The it securely in place.



... Work...

Hiretech Floor Sander

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

**It is important to read all of this leaflet
BEFORE using the Hiretech Floor Sander**

- Electricity can be hazardous and must always be used with great care.
- This floor sander is designed for rapid leveling of large areas of floor: finishing off new floors; cleaning off varnish, stain and wax polish; or sanding off old cork or composition floors. It will also fine sand terrazzo or granolithic floors. The appropriate abrasive sheets must be used.
- The action of this floor sander can cause injury or damage if the machine is not used in a careful and controlled way.
- If the operator has not used a floor sander before they must familiarise themselves with the machine on some straightforward tasks before starting work on the main task.
- The work should be thought out and planned ahead to ensure that it is carried out safely.
- The following items of personal protective equipment must be worn as a minimum:

Goggles: impact resistant EN166 – B or BS2092 grade 1;

Ear muffs or plugs giving protection for up to 100 dB(A);

Gloves.

Rcd, if using a 230 volt (mains) supply.
- This floor sander must not be used by minors, or by anyone under the influence of drugs or alcohol.
- This floor sander is designed for use by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using it.



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FLOOR SANDER

1. Do not use this floor sander where there is a danger of explosion. It will ignite lumes from paint, or gas cylinders.
 2. Make sure that the area is clear and sand a distraction.
 3. Protect others from the noise and dust. Warn others to keep away, put up barriers and warning signs around the work area.
 4. Worked on to prevent the formation of a combustible mixture of dust and air. Open all doors and windows that will let fresh air in.
 5. Some dust will escape the dust bag and seal the room or area to protect them.
 6. Check that there are no protruding nails or screws in the area to be sanded. They should be taken out or punched below the level of the floor.
 7. Make sure that there are no carpet tacks or other loose objects on the area to be sanded.
- The following items of personal protective equipment (ppe) must be worn as a minimum when using this machine. Particular jobs or environments may require a higher level of protection.
2. Impact resistant goggles must be worn (EN166 – B or B52099 grade 1) when working with this floor sander.
 3. This masonry saw is likely to cause to hearing loss (up to 95 dB(A) – appropriate ear muffs or plugs must be worn, a minimum protection for this level is 23 dB(A)). Ear muffs or earplugs may also be worn to prevent hearing loss (up to 100 dB(A)).
 4. An appropriate dust mask must be worn (with a minimum of EN149 p2 (c) protection) when sanding material that causes dust.
 5. Anyone who is working nearby will also need to wear personal protective equipment.

Before Starting Work...

Useful Reference Points • www.hae.org.uk/businessguard