



# Hire and Rental Industry Association Ltd

## Product Safety Assessment Sheet

### PLANT INFORMATION

**PSA Ref #:** 00181

**Model No:** HT8-1

**Plant Name:** Drum Floor Sander

**Manufacturer:** Hiretech Pty Ltd

**Web Link for Plant:** [www.hiretech.biz](http://www.hiretech.biz)

**Mandatory Personal Protective Equipment:**



Dust Mask



Eye Protection



Foot Protection



Hearing Protection



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### RISK ASSESSMENT INFORMATION

**Operator Competency:** Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Fire and Explosion	Medium/Low	<ul style="list-style-type: none"> <li>All wood sanding machines produce a dangerous mixture of wood dust and old finish etc.</li> <li><b>WARNING</b> - Never leave the machine unattended with a dust bag fitted that has been used. Remove it and dispose of the dust safely in a suitable container. Never dispose of or empty the contents of the dust bag into a fire or incinerator.</li> <li>Always ensure adequate ventilation of the work area to avoid the formation of a combustible mixture of flying dust and air. Always punch down or remove all nails, screws, tacks and other fixings from the floor before sanding to prevent contact with the sanding drum, causing sparks. Never smoke when using or servicing the floor sander or when handling the dust bag.</li> </ul>
Dust & Noise Exposure	Medium/Low	<ul style="list-style-type: none"> <li>Always wear a dust mask when using the floor sander, handling the dust bag or cleaning the machine after use. Never reuse the paper dust bag or use a non standard bag. Cloth bags must be in good condition with no holes. Wear hearing protection at least 15dB.</li> </ul>

Electric shock or burns	Medium/Low	<ul style="list-style-type: none"> <li>• Never expose the machine to rain or damp. Use a protected power supply, do not use with faulty or damaged leads or cables. Use a safety switched supply.</li> <li>• Equipment must be tested/tagged for compliance with electric safety testing requirements.</li> </ul>
Manual handling	Low	<ul style="list-style-type: none"> <li>• The floor sander is heavy (97lbs = 44Kgs). Take care when lifting and carrying the machine, ask for help when handling. Always ensure that the floor sander is secure and cannot move when being transported in a vehicle. Never carry the floor sander by the handle assembly.</li> </ul>
Uncontrolled or unexpected start-up of plant	Low	<ul style="list-style-type: none"> <li>• Disconnect from the power supply when changing the abrasive paper, servicing the floor sander, replacing the dust bag or leaving the machine unattended.</li> </ul>
Entanglement and contact with moving parts.	Low	<ul style="list-style-type: none"> <li>• Keep hands, feet and loose clothing away from all moving parts of the machine. Never operate the machine without all the guards in place. Wear suitable substantial footwear.</li> </ul>
<b>Customer Identified Hazard(s)</b>		
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### **Key Operating Instructions**

1. Clear the area to be sanded of all obstacles and ensure that all nails are punched down below the surface.
2. Ensure that the machine is disconnected from the electrical supply.
3. Fit an abrasive sheet and dust bag tightly following the instruction in the operators manual.
4. Connect the electrical supply. If an extension lead is required use only a heavy duty lead of 15AMP+ .Position the power cable over one shoulder, tilt the machine back to lift the sanding drum from the floor, and start the machine by pressing the 'I' button (on).
5. Start to move forward and lower the drum onto the floor by tilting forwards allowing the sander to cut under its own weight and keeping the forward speed as constant as possible. At the end of the forward movement tilt the machine back to lift the drum from the floor before you stop moving. Repeat the same instructions moving backwards to complete the first pass.
6. Position the machine around 7" (180mm) to one side of the previous pass and then repeat the above instructions.

Do not allow the 'running' machine to remain in one place with the drum in contact with the floor, as this will cause an uneven surface finish.

7. To switch the machine off press the 'O' button and wait for the drum to stop revolving before tilting the machine forward to rest on the drum.

Disconnect from the power supply when changing the abrasive paper, servicing the floor sander, replacing the dust bag or leaving the machine unattended. Never leave the machine unattended with a dust bag fitted that has been used. Remove it and dispose of the dust safely in a suitable container.

Please refer to the User Guide and Operator's Manual or if you do not have one visit [www.hiretech.biz](http://www.hiretech.biz) for Full Operating Instructions and other useful hints.

The Safety Information on this assessment has been developed for the Hire and Rental Industry to assist in the safe operation of this equipment.

This information contains general information only and should not be relied upon as a substitute for professional advice, which the user should seek before operating.

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