



Hire and Rental Industry Association Ltd

Product Safety Assessment Sheet

PLANT INFORMATION

PSA Ref #: 00187

Model No: HTF-2

Plant Name: Floor Sander (Orbital)

Manufacturer: Hiretech Pty Ltd

Web Link for Plant: www.hiretech.biz

Mandatory Personal Protective Equipment:



Dust Mask



Foot Protection



Hearing Protection



RISK ASSESSMENT INFORMATION

Operator Competency: Plant Licence Not Required

Potential Hazard(s)

Risk Level

Control Measure(s)

Fire and Explosion

Medium/Low

- All wood sanding machines produce a dangerous mixture of wood dust and old finish etc. 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. 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 pad. Never smoke when using the floor sander or when handling the dust bag.

Dust & Noise Exposure

Medium/Low

- 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.

Electric shock or burns	Medium/Low	<ul style="list-style-type: none"> • 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. • Equipment must be tested/tagged for compliance with electric safety testing requirements.
Manual handling	Medium/Low	<ul style="list-style-type: none"> • The floor sander is heavy 43KG (94.8lbs). Take care when lifting and carrying the machine, ask for help when lifting. 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.
Entanglement and contact with moving parts.	Low	<ul style="list-style-type: none"> • 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.
Uncontrolled or unexpected startup of plant	Low	<ul style="list-style-type: none"> • Disconnect from the power supply when changing the abrasives, servicing the floor sander, replacing the dust bag or leaving the machine unattended. Never attempt to lock the switch in the ON (I) position with tape or by any other means.
Customer Identified Hazard(s)		
<hr/>		
<hr/>		
<hr/>		

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 pad and sheet as required and fit 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, press the foot pedal to release the handle from the upright (locked) position and tilt the handle back to a comfortable operating position. Start the machine by pressing the 'I' button (on). The machine will only remain running while the button is kept pressed, the machine will stop if the button is released.
5. This high speed orbital type machine can be used in any direction and can be taken right up to the wall or base board without damage as the pad is completely protected by the body of the machine. The wheels do not leave the floor during operation thereby preventing the machine from 'climbing' in any direction, it will simply go wherever you direct it and sand the floor under its own weight.

To stop the floor sander simply release the button and wait for the machine to stop, then return the handle to the upright (locked) position. Ensure that the foot pedal lock has engaged before releasing the handle.

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 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.

Once printed this is an uncontrolled copy.