



Hire and Rental Industry Association Ltd

Product Safety Assessment Sheet

PLANT INFORMATION

PSA Ref #: 00186

Model No: HT7-2

Plant Name: Disc Floor Sander (Edger)

Manufacturer: Hiretech Pty Ltd

Web Link for Plant: www.hiretech.biz

Mandatory Personal Protective Equipment:



Dust Mask



Eye Protection



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 disc, causing sparks.
- Never smoke when using or servicing the floor sander or when handling the dust bag.

Electric shock or burns

Medium/Low

- 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.

Dust and Noise Exposure	Low	<ul style="list-style-type: none"> 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 type bags must be in good condition with no holes. Wear ear protection at least 15dB.
Uncontrolled or unexpected start-up of plant	Low	<ul style="list-style-type: none"> Disconnect from the power supply when changing the abrasive paper, 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. Never use the machine above waist height as control will be lost.
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.
Manual Handling	Low	<ul style="list-style-type: none"> Take care lifting, machine weight 16.4kg (36 lbs)
Customer Identified Hazard(s)		
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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 disc and a 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 safely, tilt the machine back to lift the sanding disc from the floor, and 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. Start to move over the floor and lower the disc onto the floor by tilting forwards allowing the sander to cut under its own weight and keeping the speed of movement as constant as possible. At the end of any series of movements tilt the machine back to lift the disc from the floor before you stop moving.

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

6. To switch the machine off release the button and wait for the disc to stop revolving before tilting the machine forward to rest on the disc.

Disconnect from the power supply when changing the abrasive discs, 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.

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