# ⚠ WARNING

# General Machinery Safety Instructions

Machinery House
requires you to read this entire Manual before using this machine.

1. **Read the entire Manual before starting machinery.** Machinery may cause serious injury if not correctly used.
2. **Always use correct hearing protection when operating machinery.** Machinery noise may cause permanent hearing damage.
3. **Machinery must never be used when tired, or under the influence of drugs or alcohol.** When running machinery you must be alert at all times.
4. **Wear correct Clothing.** At all times remove all loose clothing, necklaces, rings, jewelry, etc. Long hair must be contained in a hair net. Non-slip protective footwear must be worn.
5. **Always wear correct respirators around fumes or dust when operating machinery.** Machinery fumes & dust can cause serious respiratory illness. Dust extractors must be used where applicable.
6. **Always wear correct safety glasses.** When machining you must use the correct eye protection to prevent injuring your eyes.
7. **Keep work clean and make sure you have good lighting.** Cluttered and dark shadows may cause accidents.
8. **Personnel must be properly trained or well supervised when operating machinery.** Make sure you have clear and safe understanding of the machine you are operating.
9. **Keep children and visitors away.** Make sure children and visitors are at a safe distance for you work area.
10. **Keep your workshop childproof.** Use padlocks, Turn off master power switches and remove start switch keys.
11. **Never leave machine unattended.** Turn power off and wait till machine has come to a complete stop before leaving the machine unattended.
12. **Make a safe working environment.** Do not use machine in a damp, wet area, or where flammable or noxious fumes may exist.
13. **Disconnect main power before service machine.** Make sure power switch is in the off position before re-connecting.
14. **Use the Correct Extension Lead.** Extension leads should be avoided where possible but If required, always use an extension lead that is rated for the power requirements of your machinery. Using an incorrectly rated extension lead can lead to overheating, damage to machinery, or potential fire hazards. Ensure leads are in good condition and free of damage. Replace if faulty.
15. **Keep machine well maintained.** Keep blades sharp and clean for best and safest performance. Follow instructions when lubricating and changing accessories.
16. **Keep machine well guarded.** Make sure guards on machine are in place and are all working correctly.
17. **Do not overreach.** Keep proper footing and balance at all times.
18. **Secure workpiece.** Use clamps or a vice to hold the workpiece where practical. Keeping the workpiece secure will free up your hand to operate the machine and will protect hand from injury.
19. **Check machine over before operating.** Check machine for damaged parts, loose bolts, Keys and wrenches left on machine and any other conditions that may effect the machines operation. Repair and replace damaged parts.
20. **Use recommended accessories.** Refer to instruction manual or ask correct service officer when using accessories. The use of improper accessories may cause the risk of injury.
21. **Do not force machinery.** Work at the speed and capacity at which the machine or accessory was designed.
22. **Use correct lifting practice.** Always use the correct lifting methods when using machinery. Incorrect lifting methods can cause serious injury.
23. **Lock mobile bases.** Make sure any mobile bases are locked before using machine.
24. **Allergic reactions.** Certain metal shavings and cutting fluids may cause an ellergic reaction in people and animals, especially when cutting as the fumes can be inhaled. Make sure you know what type of metal and cutting fluid you will be exposed to and how to avoid contamination.
25. **Call for help.** If at any time you experience difficulties, stop the machine and call you nearest branch service department for help.

# ⚠ WARNING

# Drum Sander Safety Instructions

Machinery House
requires you to read this entire Manual before using this machine.

1. **Maintenance.** Make sure the Drum Sander is turned off and disconnect from the main power supply and make sure all moving parts have come to a complete stop before any inspection, adjustment or maintenance is carried out.

2. **Drum Sander Condition.** Drum Sander must be maintained for a proper working condition. Never operate a Drum Sander that has damaged or worn parts. Scheduled routine maintenance should performed on a scheduled basis.

3. **Belt Condition.** Never operate a Drum Sander with a damaged or badly worn belt. Replace if required.

4. **Belt Rotation.** Be aware of the belt rotation when sanding.

5. **Hand Hazard.** Keep hands and fingers clear from sanding drums during operation. Do not allow hands and fingers to get pinched between board and conveyor belt during operation. This may pull the operator's hand into the machine during operation and cause serious injury.

6. **Leaving a Drum Sander Unattended.** Always turn the Drum Sander off and make sure all moving parts have come to a complete stop before leaving the Drum Sander. Do not leave Drum Sander running unattended for any reason.

7. **Avoiding Entanglement.** Drum Sander guards must be used at all times. Remove loose clothing, belts, or jewelry items. Never wear gloves while machine is in operation. Tie up long hair and use the correct hair nets to avoid any entanglement with the Drum Sander moving parts.

8. **Understand the machines controls.** Make sure you understand the use and operation of all controls.

9. **Power outage.** In the event of a power failure during use of the machine, turn off all switches to avoid possible sudden start up once power is restored.

10. **Work area hazards.** Keep the area around the Drum Sander clean from oil, tools, chips. Pay attention to other persons in the area and know what is going on around the area to ensure unintended accidents.

11. **Feeding material.** Never feed more than one piece of material at a time. Do not allow anyone to stand directly in front of this sander when feeding your material. Do not ham material into sander during operation. Firmly hold the workpiece in both hands and ease it into the machine using light pressure.

12. **Hearing protection and hazards.** Always wear hearing protection as noise generated from Drum Sander and workpiece vibration can cause permanent hearing loss over time.

13. **Dust hazards.** Always use a dust collector when using machine.

14. **Job Material.** Check material prior to sanding for nails, staples, knots and other objects that make cause any danger when sanding.

15. **Starting position/speed.** Never turn the Drum Sander on when the workpiece is resting on the disc or belt. Allow disc to reach full speed before sanding.

16. **Replacing Sanding paper.** Replace sanding paper when it becomes worn or damaged.

17. **Guards.** Do not operate Drum Sander without the correct guards in place.

18. **Wood dust may cause allergic reactions.** Make sure you know what type of dust you are exposed to as it may cause you an allergic reaction. Always wear an approved respirator.

19. **Call for help.** If at any time you experience difficulties, stop the machine and call you nearest branch service department for help.

# PLANT SAFETY PROGRAM

## NEW MACHINERY HAZARD IDENTIFICATION, ASSESSMENT & CONTROL

## Drum Sander

Developed in Co-operation Between A.W.I.S.A and Australia Chamber of Manufactures
This program is based upon the Safe Work Australia, Code of Practice - Managing Risks of Plant in the Workplace ( WHSA 2011 No10 )

| Item No. | Hazard Identification | Hazard Assessment | Risk Control Strategies (Recommended for Purchase / Buyer / User) |
|---|---|---|---|
| A | ENTANGLEMENT | HIGH | Eliminate, avoid loose clothing / Long hair etc. |
| B | CRUSHING | LOW | Heavier timber must be supported<br>Be sure that when rising and falling belt table, hands are well away from locating, clamping and pivoting area. |
| C | CUTTING, STABBING, PUNCTURING | MEDIUM | Isolate power to machine prior to any checks or maintenance.<br>Do not open or clean inside until the machine has completely stopped.<br>Keep hands clear of all belts and moving parts. Use a push stick where necessary.<br>Care must be taken when handling belts.<br>Make sure all guards are secured shut when machine is on. |
| D | SHEARING | MEDIUM | Make sure all guards are secured shut when machine is on. |
| F | STRIKING | MEDIUM | Do not stand behind timber when feeding into machine.<br>A face mask must be worn at all times.<br>Ensure to use correct feed rates for material. |
| H | ELECTRICAL | MEDIUM | All electrical enclosures should only be opened with a tool that is not to be kept with the machine.<br>Machine should be installed & checked by a Licensed Electrician. |
| O | OTHER HAZARDS, NOISE, DUST. | LOW | Wear hearing protection as required.<br>Must be connected to dust extraction |
| Plant Safety Program to be read in conjunction with manufactures instructions | | | |

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Authorised and signed by:
Safety officer: .....
Manager: .....

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