# ⚠ 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

# Planer Thicknesser Safety Instructions

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

1. **Maintenance.** Make sure the Planer Thicknesser 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. **Planer Thicknesser Condition.** Planer Thicknesser must be maintained for a proper working condition. Never operate a Planer Thicknesser that has damaged or worn parts. Scheduled routine maintenance should performed on a scheduled basis.
3. **Blade/Cutter Condition.** Never operate a Planer Thicknesser with dropped, cracked or badly worn blades or cutters. Before using a Planer Thicknesser inspect all blades and cutters. A damaged blade or cutter can cause serious injury.
4. **Hand Hazard.** Keep hands and fingers clear from the cutter-head, infeed & outfeed table supports. Serious injury can occur.
5. **Leaving a Planer Thicknesser Unattended.** Always turn the Planer Thicknesser off and make sure all moving parts have come to a complete stop before leaving the Planer Thicknesser. Do not leave Planer Thicknesser running unattended for any reason.
6. **Avoiding Entanglement.** Blade guard 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 Planer Thicknesser moving parts.
7. **Understand the machines controls.** Make sure you understand the use and operation of all controls.
8. **Power outage.** In the event of a power failure during use of the Planer Thicknesser, turn off all switches to avoid possible sudden start up once power is restored.
9. **Work area hazards.** Keep the area around the Planer Thicknesser 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.
10. **Workpiece Handling.** Supporting the work-piece adequately with additional supports at all times while cutting. This is crucial for making safe cuts and avoiding injury. Never attempt to make a cut with an unstable work-piece. Ensure work piece has stopped feeding before handling.
11. **Hearing protection and hazards.** Always wear hearing protection as noise generated from cutter-head and work-piece vibration can cause permanent hearing loss over time.
12. **Thicknesser Infeed clearance safety.** The infeed roller is designed to pull the work-piece into the cutter-head. Always keep hands, clothing, hair away from the infeed roller during operation to prevent serious injury.
13. **Never look inside thicknesser.** Wood chips fly around inside the thicknesser at a high rate of speed. Do not look inside the thicknesser remove guards or covers during operation.
14. **Operating position.** The work-piece may kick out during operation. To avoid getting hit, stand to the side of the machine during the entire operation.
15. **Use correct material.** Only use natural timber. Do not use MDF, plywood, laminates, or other synthetic or man-made products. Thicknessing material not designed for this machine may cause serious injury.
16. **Planer Cutter-head Alignment.** The top edge of the out-feed table should be aligned with the edge of the knife at top dead centre to avoid kickback. An unaligned table can cause serious injury.
17. **Joining with the grain.** Jointing against the grain or jointing end grain is dangerous and could produce chatter or excessive chip out. Always joint with the grain.
18. **Thicknessing Grain direction.** Thicknessing across the grain may cause the work-piece to kick out. Always thickness with the wood grain or at a small angle.
19. **Use a Push Stick.** Always use a push stick when whenever surface planing. Never pass you hands directly over the cutter-head without a push stick.
20. **Blade guards.** Always use blade guards except when rebating. Make sure you replace the guard after rebating.
21. **Planer Cutting operation.** Always keep the work-piece moving toward the outfeed table until the work-piece has passed completely over the cutter-head. Never feed the work-piece toward the infeed table.
22. **Stalled blade.** In the case that the cutter-head stalls while in operation, turn the Planer Thicknesser off before freeing the stalled cutter-head.
23. **Changing between Planer / Thicknesser mode.** Once changed to the required mode either Planer or Thicknesser, always ensure all safety guards and dust chutes are re-fitted before starting machine.
24. **Work-piece safety.** Inspect your work-piece carefully before feeding it over the cutter-head. Never thickness material that has knots, nails, or staples.
25. **Dust hazards.** Always use a dust collector when using machine.
26. **Kickback.** Kickback is defined as high speed expulsion of work-piece from the Planer Thicknesser table cutter-head. Never stand in the kickback zone.
27. **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

## Planer Thicknesser

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 | MEDIUM | Heavier timber must be supported<br>Be sure that when rising and falling planner tables hands are well away from locating, clamping and pivoting area.<br>Keep hands clear from infeed & outfeed support rollers during operation. |
| 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 blades and moving parts. Use a push stick where necessary.<br>Care must be taken when handling knives.<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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