⚠ 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

Grinder Safety Instructions

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

1. **Maintenance.** Make sure the Grinder 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. **Grinder Wheel Condition.** Grinder must be maintained for a proper working condition. Never operate a Grinder with a damaged or badly worn wheel. Replace if required. Scheduled routine maintenance should performed on a scheduled basis.

3. **Secure your grinder.** Make sure you firmly secure your grinder to a stand or workbench. An unsecure grinder can become dangerously out of control during operation.

4. **Hand Hazard.** Keep a firm grip of material and position your hands a safe distance away when grinding. Serious injury can occur if hand or finger tips come in contact with grinding wheels, abrasives or moving parts.

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

6. **Avoiding Entanglement.** Grinder 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 Grinder 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 machine, turn off all switches to avoid possible sudden start up once power is restored.

9. **Work area hazards.** Keep the area around the Grinder 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. **Starting Grinder.** If a wheel is damaged it may fly apart shortly after start up. To avoid any injury, always stand to the side of the grinder when turning it on, allow it to gain full speed and wait for 1 minute before standing in front of grinder.

11. **Workpiece Handling.** Never hold small workpieces with your fingers during grinding. Always support the workpiece with table support, or some sort of clamping fixture. Never use excessive force when grinding or serious injury can occur.

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

13. **Eye protection.** Always wear safety glasses when using this machine. Small particles become airborne at high speed and can cause serious eye injury. Use Grinding shields on machine at all times.

14. **Top & Side Grinding.** Grinding on the top of the wheel can cause kickback. Always grind on the downward part of the wheel. Grinding on the side of the wheel can cause them to break and fly apart-unless is rated for side grinding.

15. **Tool rest position.** Set the tool rest within 3mm from the wheel to avoid the workpiece being pulled in causing loss of control and hand being pulled into grinding wheel.

16. **Starting position/speed.** Never turn the Grinder on when the workpiece is resting on the grinding wheel. Allow wheel to reach full speed before grinding.

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

18. **Stopping the grinding wheel.** Do not stop or slow the wheel with your hand or workpiece. Allow the machine to stop on its own.

19. **Dust hazard.** Grinding causes hazardous dust, which may cause long term respiratory problems if inhaled. Always wear an approved respirator when grinding.

20. **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

Grinder

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	Secure & support work material when grinding.
C	CUTTING, STABBING, PUNCTURING	MEDIUM	Isolate power to machine prior to any checks or maintenance being carried out. Do not adjust or clean machine until the machine has fully stopped. Ensure tool rests are adjusted and maintained with a maximum 3mm gap between tool rest and grinding wheel.
D	SHEARING	MEDIUM	Make sure all guards are secured shut when machine is on. Isolate power to machine prior to any checks or maintenance.
E	FRICTION	MEDIUM	Keep hands and body away from grinding wheel.
F	STRIKING	MEDIUM	Ensure grinding wheels are tightly secured on spindle. Wear safety glasses. Stand clear of moving parts on machine. Check grinding wheels for damage before use. Remove all loose objects around moving parts. Ensure eyesheilds are clean and appropriately adjusted.
H	ELECTRICAL	MEDIUM	All electrical enclosures should only be opened with a tool that is not to be kept with the machine. Machine should be installed & checked by a Licensed Electrician.
M	HIGH TEMPERATURE	LOW	Wear appropriate protective clothing to prevent hot sparks and workpiece.
O	OTHER HAZARDS, NOISE.	LOW	Wear hearing protection as required.
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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