⚠ 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

Metal Dust Collector Safety Instructions

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

1. **Maintenance.** Make sure the Dust collector 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. **Dust collector Condition.** Dust collector must be maintained for a proper working condition. Never operate a Dust collector that has damaged or worn parts. Scheduled routine maintenance should performed on a scheduled basis.

3. **Inlet Hazard.** Do not place hands or tools near the open inlets during operation for any reason. The impeller could cause serious damage to body parts if touched while spinning.

4. **Avoiding Entanglement.** Guards and dust bags must be used at all times. Remove loose clothing, belts, or jewelry items. Tie up long hair and use the correct hair nets to avoid any entanglement with the Dust collector.

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

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

7. **Work area hazards.** Keep the area around the Dust collector 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.

8. **Hearing protection and hazards.** Always wear hearing protection as noise generated from dust collector can cause permanent hearing loss over time.

9. **Dust Collector use.** This Dust Collector is designed to be used with Metal only. Do not pick up material that can not safety pass through the impeller.

10. **Fire Hazard.** Ensure machines and hoses only connect with smooth-walled, sheet-metal ducting, to minimize static electrical charge. Ensure the dust extraction hose used is heat resistant and flame retardant and a minimum length of 2 meters between machine and dust collector. DO NOT use PVC pipe. If using ducting, the system must be sealed and grounded. Fine metal dust particles can ignite, depending on material type and circumstances. Be educated and prepared to fight a combustible metal fire. Keep the dust collector away from pilot lights, open flames, or other ignition sources. NEVER use near chemical fumes or within an enclosed spray booth.

11. **Bags & guards.** All safety bags and guards must be used at all times. Bags must be replaced when damaged.

12. **Emptying bags hazard.** Always wear a respirator and safety glasses when emptying dust into approved containers and dispose of properly.

13. **Know When to Change Filters.** A simple but important safety requirement is to change filters when airflow through the system reaches a reduced pressure. Filter changing is also necessary when the pressure drop across the collector is affecting the ability of the system to capture dust, allowing it to escape into the atmosphere. Some cartridge filters can operate longer between changes. However, for heavy dust-loading applications, filter replacement might be much more frequent.

14. **Toxic Materials.** Care should be taken not to expose operators to certain types of metal dusts or fumes that can result in serious, potentially deadly health effects. To reduce this risk, investigate the toxicity of metal types you work with and always seek to minimize or eliminate exposure to the operator and other bystanders.

15. **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

Metal Dust Collector

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)
B	CRUSHING	LOW	Ensure dust collector is on level solid ground and in a safe place to avoid tipping.
C	CUTTING, STABBING, PUNCTURING	MEDIUM	Isolate power to machine prior to any checks or maintenance being carried out. Do not adjust or clean dust collector until fully stopped. Ensure hose remains fitted to prevent access to fan blade. Keep body parts away from moving parts.
H	ELECTRICAL	MEDIUM	All electrical enclosures should only be opened with a tool that is not to be kept with the machine. Only use smooth walled, sheet metal ducting to mimize electrical charge
M	HIGH TEMPERATURE or FIRE	MEDIUM	Ensure the dust extraction hose used is heat resistant and flame retardant and a minimum length of 2 meters between machine and dust collector Fine metal shavings can ignite, depending on material type and circumstances. Be educated and prepared to fight a combustable metal fire. Keep the dust collector away from pilot lights, open flames, or other ignition sources.
O	OTHER HAZARDS, NOISE.	LOW LOW LOW	Wear hearing protection as required. Approved respirator should be worn. Close fitting protective clothing should be worn.

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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