# ⚠ 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

# Press - Electric Hydraulic Safety Instructions

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

1. **Maintenance.** Make sure the Press 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. Check oil levels and fill to correct oil levels if necessary. Apply oil to surface of ram to maintain good lubrication.

2. **Press Condition.** Press must be maintained for a proper working condition. Never operate a Press that has low oil levels, damaged or worn parts. Scheduled routine maintenance should performed on a scheduled basis. Check all hoses, pressure head, and support rods for cracks or damage. Replace if necessary.

3. **V-Block Condition.** Never operate a Press with damaged or badly worn V-blocks. Replace if required.

4. **Pump Direction.** Pump rotation must be in arrow direction otherwise the pump will be damaged.

5. **Hands and Fingers.** Always keep hands and fingers away from the ram during operation to prevent contact. Serious injury may occur if hands or fingers enter the ram's path. Additionally, avoid placing hands near table support holes to further reduce the risk of injury.

6. **Gloves & Glasses.** Always wear leather gloves while handling the workpiece. Do not use gloves when operating the machine. Wear approved safety glasses when using this machine.

7. **Authorized and trained personnel.** The machine must be operated by authorized and trained personnel. The machine is designed to be operated be a single user. Using the machine with more than one operator is forbidden, except for certain maintenance situations.

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 Press clean from oil, tools, objects & chips. Pay attention to other persons in the area and know what is going on around the area to ensure unintended accidents.

10. **Guards/Covers.** Accidental contact with moving parts during operation can lead to severe injuries, including entanglement, impact, cutting, or crushing. To minimize this risk, ensure that all guards, covers, and doors are properly installed, fully functional, and positioned for optimal protection.

11. **Entanglement.** Loose clothing, gloves, neckties, jewelry, or long hair can get caught in moving parts, leading to entanglement, amputation, crushing, or strangulation. To reduce this risk, remove or securely fasten these items to prevent contact with moving parts.

12. **Bed Support Rods.** Always ensure that bed support rods evenly support the press bed. Failing to do so could cause the bed to drop accidentally during setup or operation, leading to a risk of crushing injuries.

13. **Workpiece Position.** Positioning workpieces off-center below the hydraulic ram can cause them to be ejected unexpectedly, potentially striking the operator or bystanders with great force. Always ensure the workpiece is centered to evenly distribute the force, and immediately stop and retract the ram if the workpiece shifts during operation.

14. **Workpiece Support.** When a part is pressed free, the workpiece may shift suddenly or fall, posing a risk of crushing injury to your foot or leg. Use a catch basket and support long or awkward workpieces with stands, chains, or an assistant to ensure safety during pressing operations.

15. **Overloading Press.** Do not over exceed the press capacity indicated on the gauge.

16. **Warning Labels.** Take note of any warning labels on the machine and do not remove them.

17. **Support arms.** Do not use support arms for intermediate storage of workpieces.

18. **Material Hazard.** Do not compress springs or other objects that could be ejected from the press. Do not compress objects that could shatter. Serious injury can occur.

19. **Emergency stop.** Use the emergency stop button in case of any emergency.

20. **Hearing protection and hazards.** Always wear hearing protection as noise generated from machine and can cause permanent hearing loss over time.

21. **Secure Press.** Make sure you bolt the machine down so it is secure and level when in operation.

22. **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

## Press - Electric Hydraulic

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 | HIGH | Do not exceed maximum capacity.<br>Check equipment for damage prior to use.<br>Wear safety boots.<br>Never put any part of your body between hydraulic ram and material.<br>Always support material properly on hydraulic press.<br>Ensure press is bolted down on level solid ground.<br>Ensure table is as close as possible to ram and support pins are correctly positioned before using. |
| C | CUTTING, STABBING OR PUNCTURING | MEDIUM | Ensure work material is held firmly.<br>Wear gloves to prevent cuts from sharp material. |
| E | STRIKING | MEDIUM | Use equipment in the correct manner as to avoid parts being ejected out under pressure.<br>Wear safety glasses. |
| 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. | 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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