⚠ 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

Engine Crane Safety Instructions

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

1. **Maintenance.** Check oil levels and fill to correct oil levels if necessary.

2. **Loading Requirements.** Refer to your vehicle service manual to locate the safe engine lifting/support locations, and to verify that the engine weight does not exceed the maximum engine stand load rating. Only connect lifting hooks, chains, or straps at points that can safely support the load and prevent unpredictable load swing or shift.

3. **Engine Crane Condition.** The Engine Crane must be maintained for a proper working condition. Never operate a Engine Crane that has low oil levels, damaged or worn parts. Scheduled routine maintenance should performed on a scheduled basis. Check frame, welds, pins, wheels, chain & hook for cracks or damage. Replace if necessary.

4. **Crushing Hazard.** Never place any part of your body in the lifting mechanism. Serious injury can occur. Never allow anyone to work under a load supported by an engine crane. Never allow the engine crane to be the sole support for the load. Use jack stands to support the load.

5. **Work area hazards.** Keep the area around the Engine Crane 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.

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

7. **Safe Surface Use.** Only use the Engine Crane on hard, level surfaces capable of sustaining the load being lifted. Avoid using the Engine Crane on inclines or ramps that will cause a loss of control.

8. **Safe Operation.** Load must be directly under the Engine crane before lifting. Before removing or installing your engine, always apply the handbrake and use wheel chocks to prevent vehicle from rolling. Only move the Engine Crane with the load as low as possible to the ground to prevent the Engine Crane tipping due to its high centre of gravity. Keep as much of your body as possible out from underneath the vehicle when reinstalling the engine.

9. **Do not Modify the Engine Crane.** Never modify this engine crane or use boom extensions.

10. **Other Hazards.** Never allow children to play on this Engine Crane, and never carry passengers!

11. **Pinching.** Prevent pinching by releasing pressure in the ram leaving boom all the way down when not in use.

12. **Use Correct Air Pressure** Exceeding the maximum PSI rating of Engine Crane may cause unpredictable operation, injury and damage to machine. If this rating is not stated in manual suggest NOT to exceed 125psi. (Applies to Pneumatic model only).

13. **Disconnect Air Pressure** before servicing Engine Crane, or leaving unattended. (Applies to Pneumatic model only).

14. **Air Hose - Trip Hazard** Hoses can easily become a tripping hazard when laid across the floor in a disorganized fashion. (Applies to Pneumatic model only).

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

PLANT SAFETY PROGRAM

NEW MACHINERY HAZARD IDENTIFICATION, ASSESSMENT & CONTROL

Engine Crane

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	Ensure Engine crane is on level solid ground. Ensure load is correctly slung and approved sling, chains etc are used. Keep body clear from under load. Do not exceed maximum lifting capacity. Wear safety boots. Always check around load before lowering. Check engine crane and lifting equipment for damage etc prior to use. Ensure load is lowered smoothly. Do not exceed recommended maximum PSI rating. (applies to Pheumatic model only)
D	SHEARING	MEDIUM	Keep body parts clear between moving components of engine crane when lowering.
G	HIGH PRESSURE AIR	MEDIUM	Disconnect air supply to engine crane prior to checks or maintenance. Do not exceed recommended maximum PSI rating. (applies to Pheumatic model only)
J	SLIPPING, TRIPPING, & FALLING	LOW	Avoid uneven or slippery surfaces when moving engine crane under load.
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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