# ⚠ 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

# Chain & Lever Block Safety Instructions

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

1. **I-Beam Loading Requirement.** Have a qualified structural engineer determine whether your I-beam can bear the maximum load of your specific Chain or Lever Block model. Make sure the structure securing the I-beam meets load requirements, and that the I-beam has an adequate number of intermediate supports.

2. **Chain/Lever Block Condition.** Chain or lever Block must be maintained for a proper working condition. Never operate a Chain/Lever Block that has damaged or worn parts. Scheduled routine maintenance should performed on a scheduled basis. Check the frame, chain, pins and hook for cracks or damage. Replace if necessary.

3. **Crushing Hazard.** Never place any part of your body under the Chain/Lever Block, or under a lifted load. Serious injury can occur. Get assistance when installing the Chain/Lever Block, as it is heavy. Otherwise, serious injury can occur.

4. **Work area hazards.** Pay attention to other persons in the area and know what is going on around the area to ensure unintended accidents.

5. **Overloading Chain/Lever Block.** Do not overload the Chain/Lever Blocks capacity. Always use the correct certified girder troller, lifting slings and chains.

6. **Warning Labels.** Pay close attention to all warning labels on the Chain/Lever Block, and do not remove, obscure, or tamper with them under any circumstances.

7. **Material Hazard.** Do not lift any objects that are not securely fastened, as unsecured loads pose a serious risk of falling and causing severe injury.

8. **Safe Operation.** Exercise extreme caution when handling long, tall, or wide loads. Do not attempt to lift loosely stacked items. Ensure all heavy loads are properly balanced and kept as close to the ground as possible to maintain stability. The Chain/Lever Block should only be operated by individuals capable of safely controlling and stopping the load during movement.

   When lifting or lowering, pull the hand chain steadily to prevent jerking or chain entanglement. Always position the load directly beneath the Chain/Lever Block before lifting to avoid side loading. Do not allow the chain to twist while the load is suspended. Use only appropriately rated and certified girder trolleys, lifting slings, and chains for all lifting operations.

9. **Other Hazards.** Children must never be allowed to play with or near the Chain/Lever Block, and the equipment must never be used to carry passengers.

10. **Call for help.** If you encounter any difficulties at any time, stop immediately and contact your nearest branch service department for assistance.

# Hazard Identification & Risk Assessment Manual Chain & Lever Block Hoist

This risk assessment has been developed with reference to AS 1418.2:2020 – Cranes, Hoists and Winches – Part 2: Serial Hoists and Winches, as well as the Safe Work Australia Model Code of Practice: Managing the Risks of Plant in the Workplace, to ensure compliance with relevant safety standards and best practices for the safe use of Chain and Lever Blocks.

| Hazard Identification | Hazard | Risk Rating (Before Controls) | Controls | Risk Rating (After Controls) | Responsible Person |
|---|---|---|---|---|---|
| Overloading hoist | Mechanical failure, dropped load | High | • Never exceed rated WLL<br>• Clearly mark WLL<br>• Operator training | Low | Operator |
| Use of damaged components | Chain or hook failure | High | • Pre-use inspection<br>• Remove damaged hoists<br>• Routine maintenance | Low | Operator |
| Improper rigging | Load shift, entanglement | High | • Use certified slings<br>• Secure hooks<br>• Vertical lifting only | Medium | Operator |
| Load instability | Crushing or impact injury | Medium | • Centre load<br>• Avoid sudden motion<br>• Use taglines | Low | Operator |
| Pinch or strain injury | Hand or muscle injury | Medium | • Wear gloves<br>• Use smooth motion<br>• Maintain posture | Low | Operator |
| Inadequate training | Improper use | High | • Certified training<br>• Supervision of new staff | Low | Operator |
| Working at height | Fall from height | High | • Fall protection PPE<br>• Safe access (ladders, EWP) | Medium | Operator |
| Environmental factors | Slip, low visibility | Medium | • Dry, clear floor<br>• Adequate lighting | Low | Operator |

**The Safe Operation Manual for the Chain or Lever Block must be read in conjunction with the Safety Instructions and Risk Assessment to ensure proper understanding and safe operation of the equipment.**

## Risk Matrix

| | Insignificant | Minor | Moderate | Major | Severe |
|---|---|---|---|---|---|
| **Rare** | Low | Low | Low | Medium | High |
| **Unlikely** | Low | Low | Medium | Medium | High |
| **Possible** | Low | Medium | Medium | High | High |
| **Likely** | Medium | Medium | High | High | Extreme |
| **Almost Certain** | Medium | High | High | Extreme | Extreme |

HARE&FORBES MACHINERYHOUSE

www.machineryhouse.com.au

MACHINERYHOUSE

www.machineryhouse.co.nz

Authorised and signed by:

Safety officer: .....

Safety officer: .....

Revised Date: July 2025