⚠ 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

Pipe Tube Bender-Electric Safety Instructions

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

1. **Maintenance.** Make sure the Pipe/Tube Bender 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. **Leaving a Pipe/Tube Bender Unattended.** Always turn the Pipe/Tube Bender off and make sure all moving parts have come to a complete stop before leaving the Pipe/Tube Bender. Do not leave Pipe/Tube Bender running unattended for any reason.

3. **Pipe/Tube Bender Condition.** The Pipe/Tube Bender must be maintained for a proper working condition. Never operate a Pipe/Tube Bender that has damaged or worn parts. Scheduled routine maintenance should performed on a scheduled basis. Check frame, rollers, springs & formers for cracks or damage. Replace if necessary.

4. **Former Condition.** Never operate a Pipe/Tube Bender with damaged or badly worn Formers. Replace if required.

5. **Hand Hazard.** Keep hands away from the Pipe/Tube Bender, under any circumstances, while the machine is in operation mode. Serious injury can occur.

6. **Gloves & Glasses.** Always wear protective gloves and approved safety glasses when using this machine.

7. **Work area hazards.** Keep the area around the Pipe/Tube Bender 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.

8. **Guards.** Do not operate Pipe/Tube Bender without the correct guards in place. The only other area which needs to be carefully monitored during use is the rotational area of the formers.

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

10. **Overloading Pipe/Tube Bender.** Do not over load the machine by using material which exceeds the rated capacity.

11. **Avoiding Entanglement.** Pipe/Tube Bender guards must be used at all times. Tie up long hair and use the correct hair nets to avoid any entanglement with the Pipe/Tube Benders moving parts.

12. **Trained Operator.** This machine must be operated by authorized and trained personnel.

13. **Power outage.** In the event of a power failure during use of the machine, turn off all switches to avoid possible sudden air pressure once power is restored.

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

15. **Material Hazard.** Do not bend plastics or other objects that could shatter. Serious injury can occur. Make sure your hardness is the same throughout the material. We recommend that you use certified material.

16. **Stopping the Former.** Do not stop or slow the former with your hand or workpiece. Allow the machine to stop on its own.

17. **Secure Pipe/Tube Bender.** Make sure you bolt the machine down so it is secure when in operation.

18. **Pinching.** Prevent pinching by releasing pressure on the workpiece when not in use.

19. **Pneumatic KPA capacity.** Never use the Pipe/Tube Bender over its rated PSI rating.

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

21. **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

Pipe Tube Bender - Electric

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. Check equipment for damage prior to use. Wear safety boots. Never put any part of your body between moving formers and material. Always support material properly. Use the correct PSI rated for the Bender. Isolate power to machine prior to any checks or maintenance being carried out.
C	CUTTING, STABBING OR PUNCTURING	MEDIUM	Use equipment in the correct manner as to avoid parts being ejected out under pressure. Keep hands away from moving parts. Isolate power to machine prior to any checks or maintenance being carried out.
E	STRIKING	MEDIUM	Use equipment in the correct manner as to avoid parts being ejected out under pressure. Ensure correct formers are used for the correct job.
G	HIGH PRESSURE AIR	MEDIUM	Disconnect air supply to air hammer prior to checks or maintenance.
H	ELECTRICAL	MEDIUM	All electrical enclosures should only be opened with a tool that is not to be kept with the machine.
O	OTHER HAZARDS, NOISE & EYES.	LOW	Wear hearing protection as required. Wear safety glasses 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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