

## Using the Hydraulic Pipe Bender

1. Wear your gloves.
2. Keep other people clear.
3. Use the equipment only as specified by the manufacturers or the hire company.
4. Always operate from a safe position, usually from behind the handle on the equipment.
5. Only use the correct attachments and accessories as supplied by the hire company. Do not use pieces of metal as wedges or packing. If something comes loose and flies out it could cause injury.
6. Do not put your hand where it could get caught as you operate the pipe bender. The pressure could easily crush it.
7. If two persons are working as a team, each must be aware of the potential hazards, to himself and the other person.
8. Do not attempt to move or reposition the pipe while it is under pressure.
9. Do not try to bend more than one pipe at a time.
10. Do not try to bend cast steel pipes they will shatter and fragment.
11. Release the pressure if leaving the equipment unattended.
12. Stop work if someone approaches you.
13. After work, release the pressure and remove any pipes. Store the hydraulic pipe bender safely away – do not leave it in the middle of your work area.
14. If your equipment does not work properly, do not attempt to repair it. Contact the hire company.

**Please store this leaflet safely. It may be required for further information**



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## Hydraulic Pipebender

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

### It is important to read all of this leaflet BEFORE using the Hydraulic Pipebender

1. Plan your work and think ahead to make sure you will always be working safely.
2. The hydraulic force generated to bend pipes is very high, keep your fingers away from where they could be crushed.
3. This hydraulic pipe bender is designed to bend water and similar metal pipes of various diameters using the appropriate attachments.
4. The action of this hydraulic pipe bender can cause injury or damage if not used in a careful and controlled way.
5. If you have not used a hydraulic pipe bender before, familiarize yourself with the equipment before you start work.
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7. You will need as a minimum the following items of personal protective equipment: gloves.
8. This hydraulic pipe bender must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. This hydraulic pipe bender is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



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## Before Starting Work...



### WORK AREA

1. Make sure that your work area is clear and safe and that no-one is near to you or could distract you.
2. Protect other people from danger. Warn others to keep away, put barriers around your work area.
3. Set up the hydraulic pipe bender on a flat hard level surface in the middle of your work area.
4. Keep the surrounding area free of clutter to enable you to continuously move around the hydraulic pipe bender without tripping.

### OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use the hydraulic pipe bender. Particular jobs or environments may require a higher level of protection.

2. Wear strong gloves when handling pipes or operating the handle.
3. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

### HYDRAULIC PIPEBENDER

1. Check your hydraulic pipe bender and attachments. If anything is found damaged, do not use the pipe bender, contact the hire company.
2. Do not exceed the safe working load (SWL) marked on the equipment. Do not try to bend pipes that are too big or thick.
3. If you are bending one end of a long length of pipe, you should support the other end. This will prevent the pipe twisting while being bent. Remember the supported end will move while being bent.
4. If your equipment has a hinged frame to enable you to position the pipe easily, remove guide pins and

lift the frame clear. Position the pipe and support one end or both ends as necessary.

5. Lower the frame and re-insert the guide pins before you start to operate the equipment.
6. While operating this equipment, stand well clear of the pipe being bent, the ends may move or jerk sharply under stress and hit you. They may flex or move in an unexpected way when the pressure is released.
7. The hire company will have supplied several accessories including formers to enable you to bend different diameters of pipe and to bend them to a different radius. Contact the hire company if you need any other accessories.
8. Check on how your equipment works – before you use it, you must understand how to use it safely.

### HYDRAULIC SAFETY

1. Hydraulic oil is hazardous, keep it away from your eyes and mouth, wash it off your skin immediately.
2. Do not remove the filler plug, or try to top up the oil level while the bender is pressurised.
3. If you think the equipment requires oil, contact the hire company. You must use the correct hydraulic oil.
4. If your equipment develops a leak, release the pressure safely and contact the hire company.