WARNING
CONDUIT BENDER

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. **IF** any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

DANGER: This equipment has and creates multiple pinch points that can cause sever injuries. Keep hands, feet and all other body parts clear at all times.
Be aware of both ends of conduit at all times. Be careful that the free ends of conduit do not cause hazards to others or create a hazard to yourself, such as by getting near electrical wiring.
Never attempt to bend pipe with wires or cables inside.

IMPORTANT SAFETY RULES TO FOLLOW

1. Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
2. Stay alert. Watch what you are doing, use common sense. Do not use while tired or under the influence of drugs, alcohol, or medication. A moment of inattention may result in serious personal injury.
3. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control in unexpected situations.
4. Use safety equipment. Always wear eye protection. Nonskid safety shoes must be used for appropriate conditions. Always wear ANSI-approved safety goggles when using or performing maintenance on this tool.
5. Use clamps (not included) or other practical ways to secure and support the work piece to a stable platform. 6. Holding the work by hand or against your body is unstable and may lead to loss of control.
7. Do not force the tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed. Do not force the tool and do not use the tool for a purpose for which it is not intended.
8. Check for any condition that may affect the tool's operation
9. Make a test bend in scrap material before working on the work piece. Make sure you understand how and where the exact bend you want will happen.
10. Work on electrical conduit must meet all local, state and federal regulations.

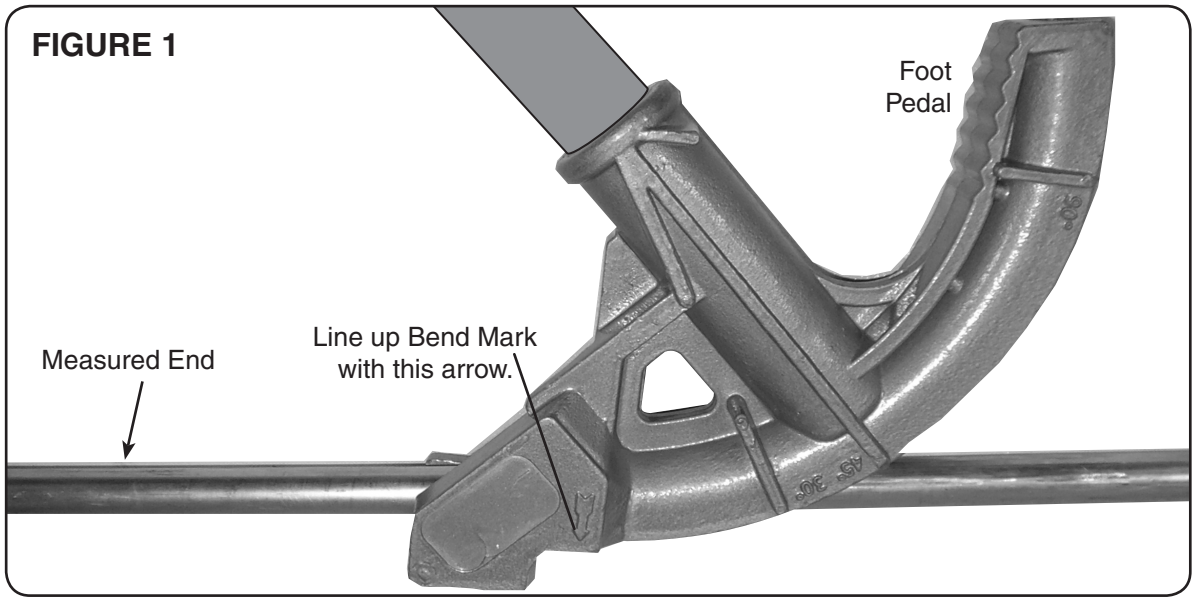
WARNING! The warnings and cautions discussed in these instructions cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied the operator.

Note: Always test your desired bend on a piece of scrap material before attempting on a work piece. Bending properly takes a measure of experience. Techniques such as offset bends and unbending take an exceptional degree of skill and are not covered in these instructions.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. IF there is any doubt as to the operation or safety of the equipment**,** **DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!! FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**

1. For a 90° bend, measure the distance from the object that you start from to the point you want the radius to end at. Subtract 5” (for 1/2” conduit bender) or 6” (for 3/4” conduit bender) “take up” distance from this and make the Bend Mark.

2. For 45° or 30° bend, make the Bend Mark where you want the bend to start. Practice bends can help you determine how much take up distance different bends require.



3. Slide the Conduit Bender onto the piece of conduit you wish to bend and line up the arrow on the Bender with the Bend mark you made in step 1 or 2, above. Apply light pressure to the handle and foot pedal and verify that the arrow still aligns with the Bend Mark.

4. Apply constant, simultaneous pressure to both the handle and the foot pedal to bend the conduit. Cast into the surface on the Conduit Bender you will see three different lines: 30°, 45°, and 90°. When the bend is complete, the line beside the desired degree of angle will be exactly perpendicular to the piece of conduit on the floor.

Note: If simultaneous force is not applied to the handle and the foot pedal, then the conduit may kink. Do not use a conduit that is kinked or bent too sharply.