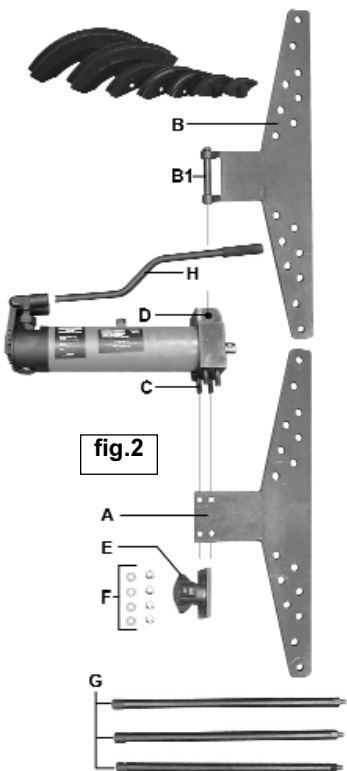
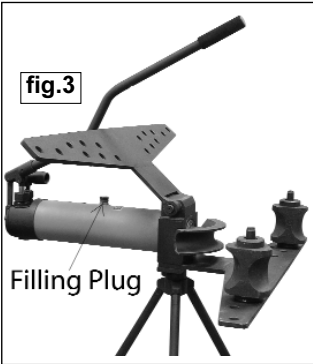


Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- ✓ Ensure the pipe bender is in sound condition and good working order. Take action for immediate repair or replacement of damaged parts. *Use recommended parts only. The use of improper parts may be dangerous and will invalidate the warranty.*
- ✓ Keep bender and associated parts clean for best and safest performance.
- ✓ Locate the bender in a suitable, well lit work area.
- ✓ Keep work area clean and tidy and free from unrelated materials.
- ✓ Use on level and solid ground, preferably concrete.
- ✓ Ensure all non-essential persons keep a safe distance whilst the bender is in use.
- ✓ Check that bending die is correctly seated on ram and that roller shafts are fully engaged in the frame before operating hydraulic unit.
- ✓ Use a qualified person to lubricate and maintain the hydraulic unit.
- ✓ Confirm that the recommended *hydraulic oil* is used during maintenance.
- ✗ **DO NOT** operate the pipe bender if damaged.
- ✗ **DO NOT** allow untrained persons to operate the bender.
- ✗ **DO NOT** exceed the rated capacity of the hydraulic unit (15 tons).
- ✗ **DO NOT** use the pipe bender for purposes other than that for which it is intended.
- ✗ **DO NOT** top up system with brake fluid. Use hydraulic oil only.
- ✗ **DO NOT** alter the pressure control valve.
- ✓ Store pipe bender in a dry, childproof area, with the hydraulic ram in the down position.



2. INTRODUCTION

Tripod mounted pipe bender suitable for bending pipes up to 180° (3 x 60° bends). Compact hydraulics with integral 15 ton ram. Suitable for bending DIN classified medium and heavy pipe. Two-speed hydraulic pump gives fast positioning of pipe in dies and the power to bend up to 75mm pipe. The unit is supplied with eight interchangeable pipe dies.

3. OPERATION & MAINTENANCE

- **WARNING! Ensure that you have read and understood Section 1 Safety Instructions before operating the pipe bender.**
- **WARNING! When the bender is packed in its box it is extremely heavy and will require at least 2 people to move it. The pump unit itself is also very heavy and should be handled with care.**
- 3.1 Remove the pump unit from the box and place it upside down with the studs 'C' facing upwards. (See fig.2)
- 3.2 Fit the lower roller plate (A) over the studs (C) with the main part of the plate projecting away from the main body of the pump. Keep the plate supported and fit the tripod base (E) over the same studs. Fasten both items in place using the nuts and washers (F) provided.
- 3.3 Screw the tripod legs (G) firmly into the tripod base (E).
- 3.4 Turn the assembly the right way up so that it is standing on its tripod legs. Care should be taken when doing this as the pump can rotate on the tripod base. Get another person to help you.
- 3.5 Remove the large pivot pin (B') from position (D) on the pump unit.
- 3.6 Hold the upper roller plate (B) over position (D) and reinsert pin (B'). Retain pin (B') using the split pin provided. Hinge roller plate (B) upwards and allow it to rest in its raised position. (See fig.3)
- 3.7 The filling plug (see fig.3) doubles as a vent and needs to be opened one turn before using the unit. The plug should be done up tightly if the unit is moved or stored away for a long period, to prevent spillage.

- 3.8 Before using the pipe bender purge any air from the hydraulic system by opening the relief valve situated on the side of the unit and pumping the handle several times. Select the required die and position the rollers accordingly.
- 3.9 Introduce the pipe between the die and the rollers, swing down upper roller plate onto the roller pins and position the pipe so that the centre of the required bend is over the centre of the die.
- 3.10 Close relief valve. Insert the pump handle (H) into the larger of the two piston levers and pump to close the gap between die and pipe. Now insert the handle into the smaller lever and pump until the required degree of bend is achieved.
- 3.11 Open the relief valve and the piston will retract under spring tension. Raise upper roller plate and remove/reposition pipe.
- 3.12 After use, store the pipe bender with both pistons and ram fully retracted.
- 3.13 Regularly oil all moving parts.
- 3.14 Annually replace hydraulic oil using Sealey Hydraulic Jack Oil - HJO/500ML or HJO/5L. **Never use brake fluid.**

4. DECLARATION OF CONFORMITY

Declaration of Conformity We, the sole importer into the UK, declare that the product listed below is in conformity with the following standards and directives.

**INDUSTRIAL HYDRAULIC PIPE BENDER
 15 TON WITH TRIPOD
 MODEL: PBS91.V3**
 98/37/EC Machinery Directive
 93/68/EEC CE Marking Directive

CE The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.

Signed by Mark Sweetman 11th November 2005

For Jack Sealey Ltd. Sole importer into the UK of Sealey Quality Machinery.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.
IMPORTANT: No liability is accepted for incorrect use of this product.
WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.
INFORMATION: For a copy of our catalogue and latest promotions call us on 01284 757525 and leave your full name, address and postcode.