



INSTRUCTIONS FOR: HYDRAULIC PIPE BENDER Model No: **PBS99/10**

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 OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

The use of symbols in this document is to attract your attention to possible danger. The symbols and warnings themselves do not eliminate any danger, nor are they substitutes for proper accident prevention measures.

1. SAFETY INSTRUCTIONS

- 3 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.*
- 3 Keep bender and associated parts clean for best and safest performance.
- 3 Locate the bender in a suitable, well lit working area.
- 3 Keep working area clean and tidy and free from unrelated materials.
- 3 Use on level and solid ground, preferably concrete.
- 3 Ensure all non-essential persons keep a safe distance whilst the bender is in use.
- 3 Check that bending die is correctly seated on ram and that the roller shafts are fully engaged in the frame and pinned before operating hydraulic unit.
- 3 Use a qualified person to lubricate and maintain the hydraulic unit.
- 3 Confirm that the recommended *hydraulic oil* is used during maintenance.
- 7 DO NOT operate the pipe bender if damaged.
- 7 DO NOT allow untrained persons to operate the bender.
- 7 DO NOT exceed the rated capacity of the hydraulic unit (10 tons).
- 7 DO NOT use the pipe bender for purposes other than that for which it is intended.
- 7 DO NOT top up system with brake fluid. Use hydraulic oil only.
- 7 DO NOT alter the pressure control valve.
- 3 Store pipe bender in a dry, childproof area when not in use, with the hydraulic ram in the down position.

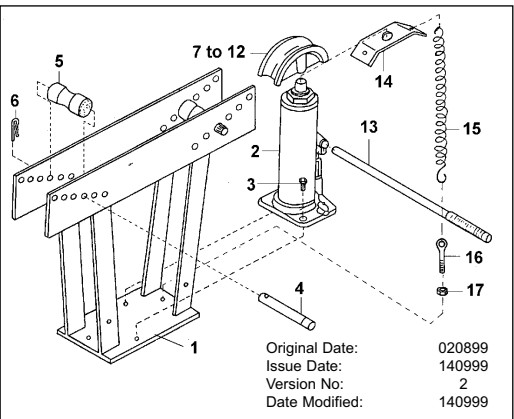
2. INTRODUCTION

The PBS99/10 Hydraulic Pipe Bender has six dies covering 1/2" to 2" pipe. The hydraulic unit, which is capable of 10 ton thrust, has spring assisted return to reduce the time lost between bending operations and also to allow the pipe bender to be used horizontally as well as vertically.

3. OPERATION & MAINTENANCE

- ⚠ WARNING! Ensure that you have read, understood and apply Section 1 safety instructions before operating the pipe bender.**
- 3.1. With the hydraulic unit relief valve open and the ram fully retracted fit the appropriate die to the ram.
 - 3.2. Move the two pipe rollers/shafts to the appropriate holes in the frame and ensure that the shafts are properly fitted and pinned.
 - 3.3. Introduce the pipe between the die and the rollers, positioning it so that the centre of the required bend in the pipe is over the centre of the die.
 - 3.4. Close relief valve and pump handle until the required degree of bend is achieved.
 - 3.5. Using the end of the handle, open the relief valve and ram will retract under spring tension.
 - 3.6. Annually, replace hydraulic oil using Sealey Hydraulic Jack Oil. With ram fully down drain and refill to the bottom of the filler plug hole.

4. PARTS LIST



ITEM	DESCRIPTION	PART NO.	ITEM	DESCRIPTION	PART NO.
1	Frame	PBS99/10-01	10	1 1/4" Bending Die	PBS99/10-10
2	10 ton Hydraulic Unit	PBS99/10-02	11	1 1/2" Bending Die	PBS99/10-11
3	Bolt	PBS99/10-03	12	2" Bending Die	PBS99/10-12
4	Roller Shaft	PBS99/10-04	13	Pumping Handle	PBS99/10-13
5	Guide Roller	PBS99/10-05	14	Spring Plate	PBS99/10-14
6	Hitch Pin	PBS99/10-06	15	Spring	PBS99/10-15
7	1/2" Bending Die	PBS99/10-07	16	Eye Bolt	PBS99/10-16
8	3/4" Bending Die	PBS99/10-08	17	Nut	PBS99/10-17
9	1" Bending Die	PBS99/10-09	RK	Repair Kit	PBS99/10-RK

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

**HYDRAULIC PIPE BENDER
MODEL: PBS99/10**

98/37/EEC Machinery Directive

The construction file for this product is held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd.

Signed by Mark Sweetman 2nd August 1999

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

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 product. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** For a copy of our latest catalogue call us on 01284 757525 and leave your full name and address, including postcode.