



OIL FILTER CRUSHING UNIT AND ADAPTORS

MODEL NO'S: **OFC1, OFCA50, OFCA60**

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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions



Wear eye protection



Wear protective gloves



Wear safety footwear



Wear protective clothing

1. SAFETY

- ✓ Familiarise yourself with the applications, limitations and hazards of the crushing unit.
- ✓ Maintain the unit in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Keep the crushing unit clean for best and safest performance.
- ✓ Locate the crushing unit in a suitable working area. Keep the area clean, tidy and free from unrelated materials, and ensure there is adequate lighting.
- ☐ **WARNING!** Always wear approved eye or face protection when operating the crushing unit.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain long hair.
- ✓ Keep hands and body clear of the work table when operating the press.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- ✗ **DO NOT** operate the crushing unit if any parts are missing as this may cause failure and/or possible personal injury.
- ✗ **DO NOT** use the crushing unit for a task it is not designed to perform.
- ✗ **DO NOT** operate the crushing unit when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ When not in use release pressure from the pump and clean the crushing unit.
- ☐ **WARNING!** Fully support the crushing unit across the full width of its base, i.e. utilising V plates or similar.

2. INTRODUCTION

Used in conjunction with a press, this unit crushes filters up to Ø115mm and removes most of the oil and sludge, which drains into a suitable container (not included). Crushing filters minimizes the cost of disposal of hazardous waste by volume. Supplied with ram extension to allow 2-stage crushing of large filters without repositioning press table. Suitable for Ø38mm(1.5") press rams. Optional adaptors enable use with Ø50mm and Ø60mm rams.

3. SPECIFICATION

MODEL NO.:**OFC1**
 Drain Hose:Ø10 x 1250mm
 Effective Internal Height: 175mm
 Internal Diameter: 130mm
 Optional Ram Adaptors:
OFCA50.....Ø50 x 115mm
OFCA60.....Ø60 x 115mm

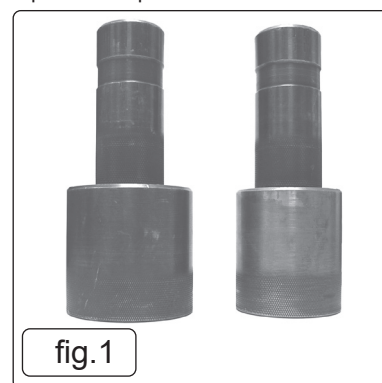


fig.1

4. OPERATION

- ▲ **DANGER!** For safety reasons, always ensure that the crusher unit and the press tools are secured on the table and will not flex or suddenly give way causing danger to the operator or damage to the crusher unit. Ensure you have read the safety instructions at Section 1.

NOTE: Oil filters should be drained before being crushed.

4.1. OFC1

- 4.1.1. When placing the crushing unit onto a press, ensure that the unit is fully supported across the full width of its base, i.e. utilising V plates or similar (see Fig.4 overleaf).
- 4.1.2. Connect one end of the drain hose to the filter crushing unit and place the other end in a suitable oil disposal container.
- 4.1.3. Place the disused filter, shown at Fig.2, in the crushing unit, mounting face down. The hatch is spring-loaded and so will close automatically on release.
- 4.1.4. Check that the press hydraulic unit is fully closed ready for use.



fig.2

- 4.1.5. Position the filter crushing unit at the required operating height by inserting the support pins into the appropriate holes in the press main frame.
- 4.1.6. Attach the crushing plate, shown at Fig.3, to the ram and place the crushing unit and filter beneath the plate.
- 4.1.7. Slowly operate the pump until the plate is close to, or just touching, the filter. Check the alignment of the crushing unit with the plate.
- 4.1.8. Apply increasing pressure until the filter is crushed, as shown in Fig.6. Note that the crushing unit is supplied with a ram extension. If the press ram travel is insufficient to completely crush the filter, the ram can be retracted, the extension inserted between ram and crushing plate and crushing completed without repositioning the press table.
- 4.1.9. **DO NOT** exceed the stroke rate indicated on the press, or the red line marked on the piston gauge.
- 4.1.10. On the completion of work, release the press pressure, the piston and the crushing plate head will retract automatically.
- 4.1.11. Ensure that the crushed filters and residual oil and sludge are disposed of according to local regulations.



fig.3

4.2. OIL CRUSHER UNIT ADAPTORS

- 4.2.1. The adaptors OFCA50 and OFCA60, shown at Fig.1, enable Oil Filter Crusher OFC1 to be used with a wide range of bench and floor presses.

NOTE: ALWAYS keep the press piston retracted after use to avoid corrosion.



fig.4



fig.5

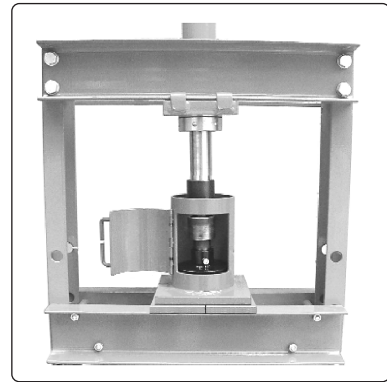


fig.6



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

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 is required for any claim.

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