



INSTRUCTIONS FOR
PORTABLE SODA BLASTING GUN
 MODEL NO: **PSB05**

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



Wear a mask

1. SAFETY

- WARNING!** Turn off, or disconnect from air supply before servicing or performing any maintenance and when unit is not in use.
 - WARNING!** This sand blasting gun will generate gritty dust which could damage surface finishes and contaminate moving parts. It is recommended that sand blasting be carried out in a dedicated room free from unrelated materials and where there is adequate lighting. Where this is not possible consideration should be given to covering exposed surfaces and masking moving parts as necessary.
 - WARNING!** Wear approved ear, eye, hand and respiratory protection when operating the blaster. A full range of personal safety equipment is available from your Sealey stockist.
 - ✓ Maintain correct balance and ensure firm footing by wearing non slip shoes.
 - ✓ Spillages of abrasive material, which may be slippery, must be cleaned up immediately to avoid injury.
 - ✓ Maintain the blaster 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 unit clean for best and safest performance.
 - ✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery and contain long hair.
 - ✓ Always keep the blast nozzle directed at the work piece.
 - ✓ If a failure or malfunction occurs immediately disconnect from air supply.
 - ✓ Keep all other persons away from the working area. Contact with high pressure blast or inhaling the dust generated is dangerous. If other personnel are required in the vicinity of the sand blasting then they must wear protective equipment similar to the operator's.
 - * **DO NOT** use the blaster for any purpose other than that for which it is designed.
 - * **DO NOT** attempt to clear a blocked nozzle while the unit is pressurised.
 - * **DO NOT** allow untrained persons to operate the blaster.
 - * **DO NOT** leave the blaster operating unattended.
 - * **DO NOT** stand on the blaster.
 - * **DO NOT** direct air from the air hose at yourself or others.
 - * **DO NOT** operate system with air supply exceeding 115 psi.
 - * **DO NOT** operate the blaster if any parts are missing or damaged as this may cause failure and/or personal injury.
 - * **DO NOT** get the blaster wet or use in damp or wet locations or areas where there is condensation.
 - * **DO NOT** operate the blaster when you are tired, under the influence of alcohol, drugs or intoxicating medication.
 - * **DO NOT** use any abrasive which contains free silica, as indicated in the Health & Safety Guidance Note EH59 (available from HMSO).
- NOTE:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

2. INTRODUCTION

Suitable for controlled removal of paint, mould, carbon, grease and rust. When adjusted correctly, is particularly useful in areas where less aggressive cleaning is required, such as around windows (without etching the glass) and even for stripping paint from wooden furniture. Suitable for use on food industry machinery, as soda-blasting is an A1 rated cleaning agent. Also inhibits rust on untreated surfaces for up to six weeks. Made of strong composite resin. Just add dry soda blasting media into the container and connect to source of compressed air to use. Adjustable nozzle allows control from narrow to wider stream.

3. SPECIFICATION

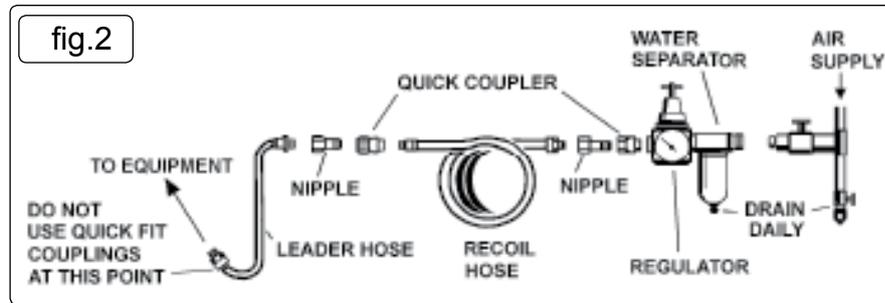
Model No..... PSB05
 Nozzle dia. 5mm
 Operating Pressure 75-115psi
 Air Consumption..... 8.5cfm@90psi

Abrasives:- We recommend the use of Sealey blasting soda SBG25Kg



4. AIR SUPPLY

- ❑ **WARNING!** Ensure the air supply does not exceed 115psi while operating the unit. Too high an air pressure will shorten the life of the unit due to excessive wear and may cause damage and/or personal injury.
- 4.1. Ensure the gun trigger is in the 'Off' position before connecting to the air supply.
- 4.2. Where possible the compressor should be sited in a separate room with the connecting airline kept as short as possible. The compressor should have an air filter and water separator (fig.2).
- 4.3. Drain the compressor air tank daily. Water in the air line will damage the unit.
- 4.4. The recommended hook-up procedure is shown in (fig.2.)
- 4.5. The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
- 4.6. Use correct hoses and fittings. **DO NOT** use quick change couplings as they add weight and can cause failure due to vibration. Add a leader hose and connect coupling between this and supply hose
- 4.7. Keep hoses away from heat, oil and sharp edges. Check hoses for wear and ensure that all connections are secure.



5. OPERATION

- ❑ **WARNING!** Ensure that you read, understand and apply the safety instructions in Section 1 before use.
- ❑ **WARNING!** Wear approved ear, eye, hand and respiratory protection when operating the blaster.
- 5.1. Remove the grit container from the gun by twisting it anticlockwise, then pull it off the head. Fill the container blasting medium. Twist the container clockwise to seal it to the head.
- 5.2. Attach an air line to the gun.
- 5.3. We advise strongly that you test the action of the gun first on some scrap material before proceeding to the actual job.
- 5.4. Partially depress the trigger to get a light feathering action on the area to be cleaned. Inspect the results and proceed as necessary. Depressing the trigger fully will give the strongest blasting action.
- 5.5. When work is complete disconnect the gun from the air supply. Remove the main grit container and empty any unused grit back into a suitable container.

6. MAINTENANCE

- ❑ **WARNING!** Disconnect from the air supply before performing any maintenance!
- ❑ **WARNING!** Wear ear, eye, hand and respiratory protection when undertaking any maintenance.
- 6.1. Gun maintenance. Keep all parts of the gun clean for best performance.
- 6.2. Lubricate the plunger, between the trigger and the gun handle with a light grease.



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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