

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 AND CAUTIONS. USE THIS 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

- ❑ **WARNING!** Turn off, or disconnect from air supply before servicing or performing any maintenance *and when unit is not in use.*
- ❑ **WARNING!** This shot blasting kit will generate gritty dust which could damage surface finishes and contaminate moving parts. It is recommended that shot 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 dealer.
- ✓ 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 workpiece.
- ✓ 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 shot blasting then they must wear protective equipment similar to the operator's.
- x **DO NOT** use the blaster for any purpose other than that for which it is designed.
- x **DO NOT** attempt to clear a blocked nozzle while the unit is pressurised.
- x **DO NOT** allow untrained persons to operate the blaster.
- x **DO NOT** leave the blaster operating unattended.
- x **DO NOT** stand on the blaster.
- x **DO NOT** direct air from the air hose at yourself or others.
- x **DO NOT** operate system with air supply exceeding 100 psi.
- x **DO NOT** operate the blaster if any parts are missing or damaged as this may cause failure and/or personal injury.
- x **DO NOT** get the blaster wet or use in damp or wet locations or areas where there is condensation.
- x **DO NOT** operate the blaster when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** use any abrasive which contains free silica, as indicated in the Health & Safety Guidance Note EH59 (available from HMSO).



### 2. INTRODUCTION & SPECIFICATION

#### 2.1. Introduction

The SG10.V2 and SG12 sand blasting guns are suitable for use in the body shop. The feathering action of these blasters makes them especially good for treating stone chips. The SG12 features a forced air recirculation system. Both models are supplied with a set of rubber nozzles for sealing the gun head to the panel. Sets of spare nozzles are also available. ( Part no. SG10/ACC)

#### 2.2. Specifications

<b>Model No.</b> .....	<b>SG10.V2</b>	<b>Model No.</b> .....	<b>SG12</b>
Air Pressure .....	90 to 100psi	Air Pressure .....	90 to 100psi
Air consumption .....	10 to 15cfm	Air consumption .....	12 to 15cfm
Max blast Ø .....	18mm	Max blast Ø .....	21mm

**2.3. Abrasives** We recommend the use of Sealey Blasting Grit, part nos. **B/25KG** ( 25kg bag ) or **SG10/SAND6** ( 6 X 700g pots ).

### 3. AIR SUPPLY

- ❑ **WARNING!** Ensure the air supply does not exceed 100psi 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.

3.1. Ensure the gun trigger is in the 'Off' position before connecting to the air supply.

3.2. 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.1).

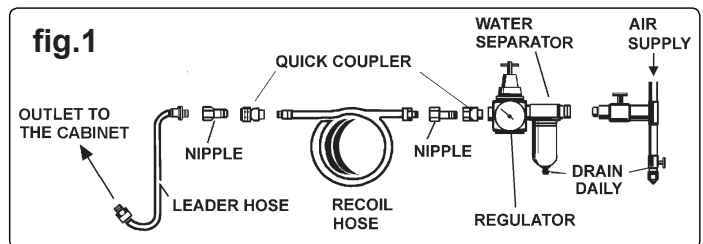
3.3. Drain the compressor air tank daily. Water in the air line will damage the unit.

3.4. The recommended hook-up procedure is shown in fig.1.

3.5. The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.

3.6. 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.

3.7. Keep hoses away from heat, oil and sharp edges. Check hoses for wear and ensure that all connections are secure.



## 4. 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.
- 4.1 Attach an airline to the gun which has a 1/4" bsp fitting.
- 4.2 Remove the grit container from the gun by twisting it anticlockwise until it stops, then pull it off the head. Fill the container with the grit supplied. Align the three pins in the neck of the container with the corresponding gaps in the head flange and push the container onto the head. Twist the container clockwise to seal it to the head.
- 4.3 Ensure that the recycling bag is empty and that the retaining thumbscrew is tight.
- 4.4 Fit the nozzle most suited to the job to be undertaken and push it fully on to the mouth of the gun. There are two nozzles with circular holes, one large and one small, for blasting general body work stone chip damage. The slotted nozzles are for blasting damage to either an external edge or internal fold.
- 4.5 We strongly advise that you test the action of the gun first on some scrap material before proceeding to the actual job.
- 4.6 Place the nozzle over the damaged area and apply medium pressure in order to seal the nozzle against the bodywork. ( The recycling action will not work efficiently if the nozzle is not sealed to the body ). Do not apply excessive pressure as this may cause the rubber nozzle to distort.
- 4.7 Partially depress the trigger to get a light feathering action on the damage. Remove the nozzle and inspect the area. Proceed as needed. Fully depressing the trigger will give the strongest blasting action.
- 4.8 The SG12 has an enhanced recirculation feature which applies additional airflow to the neck of the bag to aid the recovery of the grit. To activate this feature open the valve fitted to the left hand side of the head between the trigger and the handle to a maximum of three turns.
- 4.9 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. Loosen the thumbscrew on the neck of the recirculation bag and remove it. The recirculated grit should be finely sieved to remove dust before returning it to a grit container.

## 5. MAINTENANCE

- WARNING!** Disconnect from the air supply before performing any maintenance!
  - WARNING!** Wear ear, eye, hand and respiratory protection when undertaking any maintenance.
- 5.2. **Gun maintenance.** Keep all parts of the gun clean for best performance.
- 5.2.1. Do not leave recirculated grit in the bag. Always completely empty bag after each use.
- 5.2.2. Lubricate the plunger, between the trigger and the gun handle with a light grease.



**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 latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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