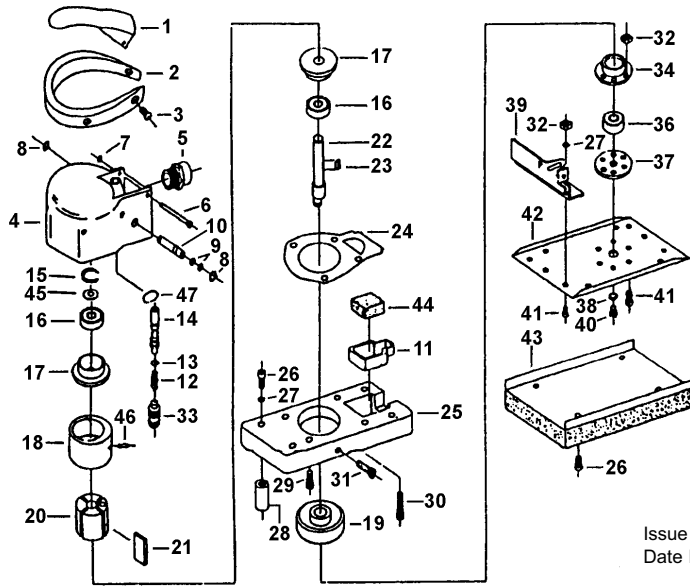


## 7. PARTS LIST



Issue No: 1  
Date Issued: 220202

Item	Part No.	Description	Item	Part No.	Description
1	SA22/01	Lever	24	SA22/24	Gasket
2	SA22/02	Rubber Grip c/w Metal Strip	25	SA22/25	Base
3	SA22/03	Grip Screw	26	SA22/26	Mounting Screw, Base
4	SA22/04	Body	27	SA22/27	Spring Washer, Base
5	SA22/05	Intake Bushing	28	SA22/28	Rubber Post
6	SA22/06	Lever Pin	29	SA22/29	Cap Screws, Base
7	SA22/07	Lever Retainer	30	SA22/30	Cap Screws, Base
8	SA22/08	Retaining Ring	31	SA22/31	Lock Screw, Balancer
9	SA22/09	O-ring	32	SA22/32	Nut
10	SA22/10	Air Regulator	33	SA22/33	Plug
11	SA22/11	Muffler	34	SA22/34	Bearing Housing
12	SA22/12	Plunger Spring	36	SA22/36	Bearing
13	SA22/13	O-ring	37	SA22/37	Bearing Plate
14	SA22/14	Plunger	38	SA22/38	Washer
15	SA22/15	Retaining Ring	39	SA22/39	Paper Clamp
16	SA22/16	Bearing	40	SA22/40	Screw, Clamp
17	SA22/17	End Plate	41	SA22/41	Screw
18	SA22/18	Cylinder c/w Locking Pin	42	SA22/42	Shoe Plate
19	SA22/19	Balancer	43	SA22/43	Sanding Pad
20	SA22/20	Rotor	44	SA22/44	Muffler Element
21	SA22/21	Rotor Blade	45	SA22/45	Wave Washer
22	SA22/22	Rotor Shaft	46	SA22/46	Spring Pin
23	SA22/23	Key, Rotor Shaft	47	SA22/47	O-ring

**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 equipment. **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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## INSTRUCTIONS FOR AIR OPERATED FLAT BED SANDER

Model: **SA22**

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!** Ensure Health & Safety, local authority and general workshop practice regulations are adhered to when using this equipment.
- WARNING!** Disconnect from air supply before changing accessories or servicing.
- ✓ Maintain the sander in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Use in a suitable, clean and tidy work area. Ensure that there is adequate lighting.
- ✓ Before each use check abrasive pad for condition. If worn or damaged replace immediately.
- ✓ Ensure that the correct abrasive pad size is used.
- ✓ Ensure that there are no flammable or combustible materials near the work area.
- WARNING!** Always wear approved eye or face and hand protection when operating the sander.
- ✓ Use face, dust, or respiratory protection in accordance with COSHH regulations.
- ✓ Depending on the task, sander noise level may exceed 85dB in which case wear safety ear defenders.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery. Contain and/or tie back long hair.
- ✓ Wear appropriate protective clothing and keep hands and body clear of working parts.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ Ensure that workpiece is secure before operating the sander. Never hold a workpiece by hand.
- ✓ Check the workpiece to ensure that there are no protruding screws, bolts, nuts, nails, stones, etc.
- ✓ Avoid unintentional starting.
- WARNING!** Ensure correct air pressure is maintained and not exceeded. Recommended pressure is 70-90psi.
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use and ensure that all connections are secure.
- ✓ Prolonged exposure to vibration from this sander poses a health risk. It is the owner's responsibility to correctly assess the potential hazard and issue guidelines for safe periods of use and offer suitable protective equipment.
- x DO NOT use the sander for a task it is not designed to perform.
- x DO NOT operate sander if any parts are damaged or missing as this may cause failure and/or personal injury.
- WARNING!** DO NOT sand any materials containing asbestos.
- x DO NOT carry the sander by the hose, or yank the hose from the air supply.
- x DO NOT force, or apply heavy pressure to the sander. Let the sander do the work.
- x DO NOT place attachments close to your face and do not point at other persons or animals.
- x DO NOT operate sander when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- x DO NOT use sander where there are flammable liquids, solids or gases such as paint solvents and including waste wiping or cleaning rags etc.
- x DO NOT carry the sander with your hand on the power lever.
- x DO NOT direct air from the air hose at yourself or others.
- ✓ When not in use disconnect from air supply and store in a safe, dry, childproof location.

**1.2. LEAD PAINT WARNING!**

Paint once contained lead as a traditional ingredient. Contact with the dust from the removal of such paint is toxic and must therefore be avoided. The following action must be taken before using the sander on a surface that you suspect may contain lead paint.

1. User must determine potential hazard relating to age of paint to be removed. (Modern paints do not have lead content).
2. **DANGER!** Keep all persons and pets away from the work area. The following are particularly vulnerable to the effects of lead paint dust: *Pregnant women, babies and children.*
3. We recommend personal protection by using the following safety items:
  - a) Paint Spray Respirator (Our ref SSP16EN)
  - b) PE Coated Hooded Coverall (Our ref SSP266).
  - c) Latex Gloves (Our ref SSP24).
4. Take adequate measures to contain the paint dust, flakes and scrapings.
5. Continue to wear safety equipment as in (3) above and thoroughly clean all areas when task is complete. Ensure paint waste is disposed of, in sealed bags or containers, according to local regulations.

**2. INTRODUCTION & SPECIFICATION**

The SA22 has a counter-balanced drive shaft for smooth operation. Palm-type trigger with rubber head rings allows for comfortable one-handed operation.

Pad Size .....170x95mm  
 Free Speed .....8000rpm  
 Orbit .....Ø5mm  
 Operating Pressure .....90psi  
 Air Consumption .....5cfm

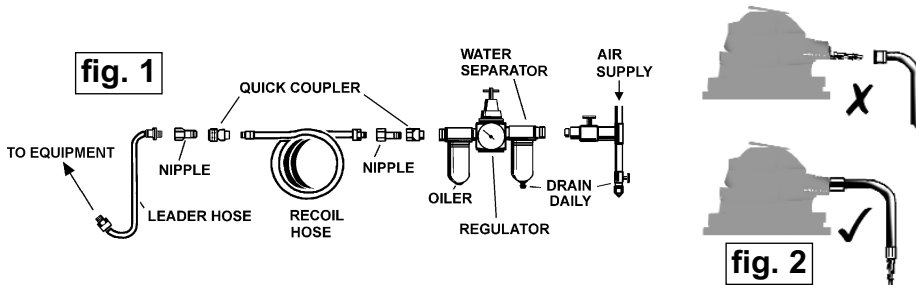
Air Inlet .....1/4" BSP  
 Sound .....87.8dB(A)  
                                       89.0dB(C)  
 Vibration Level .....3.17m/s<sup>2</sup>  
 Weight .....2kg

**3. PREPARING SANDER FOR USE****3.1. Air Supply**

- 3.1.1. Ensure the sander air valve (or throttle) is in the "Off" position before connecting to the air supply.
- 3.1.2. You will require an air pressure between 70-90psi, and an air flow of 5cfm.
- 3.1.3.  **WARNING!** Ensure that the air supply is clean and **does not exceed 90 psi** while operating the sander. Too high an air pressure and/or unclean air will shorten the product life due to excessive wear and may be dangerous causing damage and/or personal injury.
- 3.1.4. Drain the air tank daily. Water in the air line will damage the sander **and will invalidate your warranty.**
- 3.1.5. Clean air inlet filter weekly. Recommended hook-up is shown in fig. 1.
- 3.1.6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose and fittings internal diameter should be 1/4" I.D.
- 3.1.7. Keep hoses away from heat, oil and sharp edges. Check hoses for wear and make certain that all connections are secure.

**3.2. Couplings**

Vibration may cause failure if a quick connect coupling is connected directly to the air sander. To overcome this, connect a leader hose to the sander. A quick connect coupling may then be used to connect the leader hose to the air line recoil hose. See figs. 1 & 2.

**4. ASSEMBLY & OPERATION**

**WARNING! Ensure you read, understand and apply safety instructions before use.**

**4.1. Assembly**

- 4.1.1. Open front paper clamp and insert the end of the sanding paper. Release clamp lever to hold paper in place. Repeat with rear clamp, ensuring that the sanding paper is tight against the sanding pad.
- 4.1.2. Connect air supply to sander, press the control valve lever and check that the sander is working correctly.

**4.2. Operation**

Always use a sanding paper appropriate for the job. Work progressively from coarse grades to finer grades. DO NOT go from coarse to fine in one step as it may be difficult to remove swirl marks left by the coarse grit. DO NOT apply excessive pressure, let the sander do the work for you. Start the sander and bring it to the work surface evenly and slowly. Move the sander back and forth in overlapping areas. Remove the sander from the work surface before stopping the sander. Regularly check the sanding paper for wear and always change if cracked or damaged.

DO NOT allow sander to run in "idle" for an extended period of time as this will shorten bearing life.

**5. MAINTENANCE**

**WARNING!** Disconnect sander from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*

- 5.1. If the air supply does not have an oiler, lubricate the sander daily with a few drops of good grade air tool oil, such as Sealey ATO/500 or ATO/1000, dripped into the air inlet before use.
- 5.2. Clean the sander after use and change pads when required.
- 5.3. Loss of power or erratic action may be due to the following:
  - a) Excessive drain on the air line. Moisture or restriction in the air pipe. Incorrect size or type of hose connectors. To remedy check the air supply and follow instructions in Section 3.
  - b) Grit or gum deposits in the sander may also reduce performance. If your model has an air strainer (located in the area of the air inlet), remove the strainer and clean it. Flush the sander with gum solvent oil or an equal mixture of SAE 10 oil and kerosene. Allow to dry before use.
 If you continue to experience problems, contact your local Sealey service agent.
- 5.4. When not in use, disconnect sander from the air supply, clean and store in a safe, dry, childproof location.

**6. DECLARATION OF CONFORMITY****Declaration of Conformity**

**CE** We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives. 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.

**Air Operated Orbital Sander  
 Model: SA22**

98/37/EC Machinery Directive  
 93/68/EEC Marking Directive

Signed by Mark Sweetman

26th February 2002

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Tools.



Sole UK Distributor, Sealey Group, Bury St. Edmunds, Suffolk.



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