

## PORTABLE

**SHOT BLASTING KIT****53008**

Read this manual in full before using this product and retain it for future use. Always use the latest version of the manual. Please visit [drapertools.com/manuals](http://drapertools.com/manuals) for the latest version of this manual.

**1. Intended Use**

This portable shot blasting kit is designed to be used with a compressed air supply and for the removal of paint, rust, burrs, dirt etc from metals and marks from bricks and stone.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

**2. Specification**

Stock No.:	53008
Part No.:	SBK22
Operating air pressure:	50 – 120psi
Air consumption @ 50psi:	3.5cfm
Air inlet size:	1/4" BSP
Hose length	4.5M
Maximum fill weight:	22kg
Grit capacity:	Fine to medium
Net weight (product only):	2kg

**3. Health and Safety Information**

**Important:** Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user or the product.

**3.1 General Health and Safety Precautions**

**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.

- Wear appropriate PPE (Personal Protective Equipment) when operating this product including ear, eye, hand and respiratory protection.
- Spillages of abrasive material, which may be slippery, must be cleaned up immediately to avoid injury.
- Keep the unit clean for best and safest performance.

- Remove ill fitting clothing and ties, watches, rings, and other loose jewellery, and contain long hair.
- **ALWAYS** keep the blast nozzle directed at the workpiece.
- Keep children and bystanders away during operation.
- **DO NOT** use the kit for any purpose other than that for which it is designed.
- **DO NOT** operate the kit if any parts are missing or damaged as this may cause failure and/or personal injury.
- **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 kit operating unattended.
- **DO NOT** operate the kit when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- **DO NOT** stand on the blaster.

**3.2 Additional Safety Instructions for Compressed Air**

**WARNING!** Compressed air can cause severe injury.

- **ALWAYS** turn off and disconnect the air supply before making any adjustments to the product or leaving it unattended.
- **NEVER** direct this product towards yourself or others.
- Ensure that compressed air is not blocked by or in contact with any part of your body.
- **ONLY** use clean, dry and regulated compressed air.



**WARNING! NEVER** use oxygen, combustible gases or other bottled gases as a supply for this product. Use of these substances may cause the product to explode.

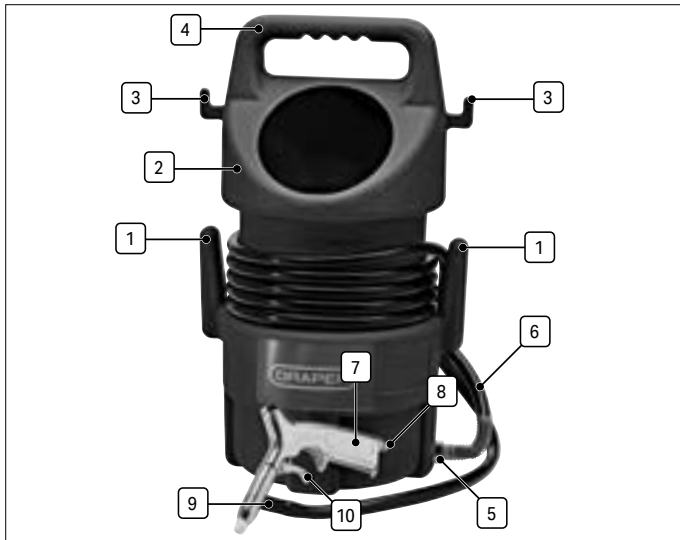
- Draper Tools recommends the use of a whip hose between the tool and the air supply to reduce vibration.



**WARNING!** Whipping hoses can cause severe injury. Always check for and replace damaged or loose hoses and fittings.

- Ensure that the product is compatible with the air supply before use.
- Ensure all connections are securely tightened.
- Where universal twist couplings (claw couplings) are used, lock pins must be installed and whip check safety cables must be used to safeguard against possible hose-to-tool or hose-to-hose failure.
- **DO NOT** exceed the maximum stated air pressure.
- **DO NOT** obstruct the ability of the trigger to release once depressed.
- **NEVER** carry the tool by the air line.

## 4. Identification



- 1 Hose storage
- 2 Bucket
- 3 Shot blasting gun rests
- 4 Carry handle
- 5 Locknut
- 6 Hose
- 7 Shot blasting gun
- 8 Air supply connector
- 9 Gun hose connector
- 10 Trigger

## 5. Basic Operation Instructions

**Important:** Before operating this product, read and understand all the safety instructions listed in this manual. Ensure that the product is fully assembled and correctly prepared for use.

1. Fill the bucket (2) with the required abrasive grit
  - ensure it is clean and dry before adding the abrasive.
2. Connect the hose (6) securely to the gun connector (9). Secure with a hose clip (not supplied).
3. Attach the air line to the air supply connector (8) on the gun.
4. Press the trigger to operate.

### Note:

- Before blasting unfamiliar material, spot test to ensure that damage/pitting will not occur to the material.
- Use even passes of the blaster to remove material such as rust, body filler or other soft materials.
- **DO NOT** blast in any one area for more than a few seconds at a time.

- Tip the contents out into a suitable container.
- Remove the gun from the hose.
- Use a low-pressure air line (10 psi) to blow through the hose.
- After cleaning refit the gun to the hose.

## 6.2 Cleaning the Shot Blasting Gun

- Remove the gun from the hose.
- Lubricate the gun with a few drops of good grade air tool oil (ISO grade 22–32/SAE grade 5W–15W) monograde oil, dripped into the air inlet.
- Refit the gun to the hose and tighten the hose clip.
- Attach the air line to the gun and operate the trigger for a few seconds.
  - At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

## 6. Maintenance, Storage and Disposal



**WARNING! ALWAYS ensure that the product is disconnected from the air supply and that the air supply is switched off before attempting to adjust or maintain this product.**

- When not in use store in a dry clean place out of the reach of children.

### 6.1 Cleaning the Bucket

- There is no need to remove the abrasive grit from the bucket after every use, however it must be cleaned out when a different abrasive is to be used.

## 7. Warranty

6 months from date of purchase -  
Visit [drapertools.com/warranty](http://drapertools.com/warranty) for full details.