



WALNUT BLASTER 30L CAPACITY

MODEL NO: VSWB30

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.



Read before first use



Wear eye protection



Indoor use only



Wear protective clothing



Wear protective gloves

1. SAFETY

1.1. ELECTRICAL SAFETY

- WARNING!** It is the user's responsibility to check the following:
 - ✓ Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products. It is advised the rated residual operating current does not exceed 30mA
 - ✓ **Electrical safety information.** It is important that the following information is read and understood:
 - ✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
 - ✓ Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
 - Important:** Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse.
 - ✗ **DO NOT** pull or carry the appliance by the power cable.
 - ✗ **DO NOT** pull the plug from the socket by the cable.
 - ✗ **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or is replaced immediately by a qualified electrician.
- If the cable or plug is damaged during use, switch off the electricity supply and remove from use.

1.2. GENERAL SAFETY

- ✓ Disconnect the cleaner from the power supply before servicing, changing accessories, or performing any maintenance.
- ✓ Use only genuine parts and accessories. Unauthorised parts and accessories may be dangerous and will invalidate your warranty.
- ✓ Maintain the cleaner in good condition. Use an authorised agent for servicing. Keep machine clean, but **DO NOT** use solvents.
- ✓ Wear protective clothing and gloves.
- ✗ **DO NOT** allow children or untrained persons to operate the cleaner.
- ✗ **DO NOT** place attachments close to your face (especially eyes, ears, etc). **DO NOT** point the hose end at other persons or animals.
- ✗ **DO NOT** leave machine running unattended. Turn power supply **OFF**, and **DO NOT** leave the vicinity until motor has come to a complete stop.
- ✗ **DO NOT** operate the cleaner while under the influence of drugs, alcohol or impairing medication, or if you are tired.
- ✗ **DO NOT** use the cleaner in the rain or in very damp conditions.
- ✗ **DO NOT** use the cleaner for a task it is not designed to perform.
- ✓ When not in use, store the cleaner in a safe, dry, childproof location.
- ✓ Children shall **NOT** play with the appliance.
- ✗ Cleaning and user maintenance on the appliance shall not be made by children without supervision.
- ✓ The appliance shall be disconnected from its power source during service and when replacing parts.
- ✓ Only to be use by a fully trained personnel.

2. INTRODUCTION

Designed for cleaning carbon deposits on intake manifold, intake ports and exhaust valves to ensure engine efficiency. Large 30L drum capacity. Natural properties of walnut sand media provides a thorough clean of intake pipe and valve without damage to the engine. Allows for walnut sand grit to be sprayed and recovered simultaneously. Built-in filter to separate recovered walnut sand grit and carbon deposits. Back-mounted storage box for compact storage of adaptors and accessories. Built-in trolley handle and wheels for transportability. Supplied with 23 adaptors to suit most vehicles applications and 5kg of walnut sand media.

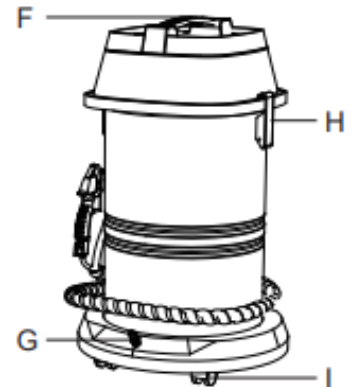
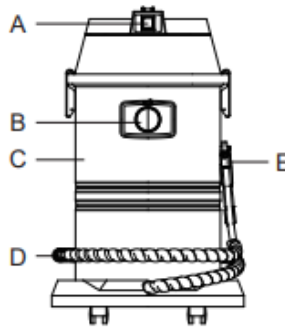
3. SPECIFICATION

Model No	VSWB30
Airflow:	300L/Min
Capacity:	30L
Dimensions:	435 x 520 x 760mm (W x D x H)
Filter Type:	Dust Cartridge
Fuse Rating:	13A
Hose Length:	2500mm
Nett Weight:	26kg
Noise Power/Pressure:	<70dB
Plug Type:	3-Pin BS
Power Supply Cable Length:	1.8m
Power:	1400kW
Rated Voltage/ Frequency.	230V/ 50/60HZ
Vacuum Suction:	0.02MPa



4. CONTENTS

A	Switch
B	Particle recovery hose
C	Stainless sand storage bucket
D	Walnut blasting hose
E	Walnut blasting gun
F	Handle
G	Air connector
H	Machine head latch
I	Pulleys



5. ASSEMBLY

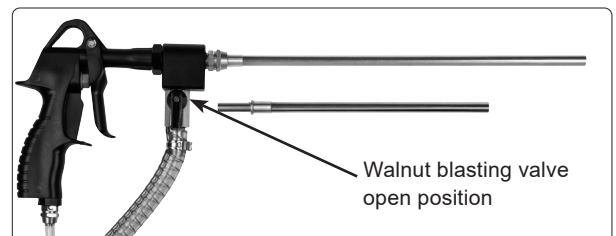
- 5.1. After unpacking, move the machine to the work area, lift off motor head assembly and remove contents from inside the drum then refit the head assembly, take out the particle recovery hose and install it on the suction pipe interface (B).
- 5.2. Take out the hose bend of the recovery particle and install it on the recovery particle hose.
- 5.3. Take out the long pipe or short pipe of the walnut blasting gun (E) and install it on the walnut blasting gun.
- 5.4. Insert the walnut blasting gun into the round hole on the hose bend of the recovery particle hose.
- 5.5. Connect the quick coupler of external air source to the air source connector of the product (G).
- 5.6. Plug the power cord into the external power socket.

6. PREPARATION

- 6.1. Open the latches at both ends of the machine, remove the machine head cover, take out the filter cartridge, take out the walnut media and add it into the stainless bucket (it is recommended to add 3-5kg walnut media.), and then install the filter cartridge and the machine head cover in turn.
- 6.2. Disassemble the automotive engine intake manifold and observe the carbon deposition in the cylinder and the valves and whether the intake and exhaust valves are closed.
NOTE: Ensure that the valves that are about to be cleaned are in the closed position.
- 6.3. Confirm that all parts have been assembled correctly and have no leaks.

7. OPERATION

- 7.1. Turn on the power switch, and the machine starts to work.
- 7.2. Connect the walnut blasting gun and hose connector together to the engine manifold port, and confirm that they are well sealed.
- 7.3. Turn the walnut blasting valve and start the de-carbon procedure (generally, one manifold port can be cleaned up for about 2 minutes and then stop to check the cleaning effect).
- 7.4. After cleaning the carbon deposits, use a dust blowing gun to blow out the remaining sand particles. Be sure to wear the appropriate PPE.
- 7.5. **BLOCKAGES**
- 7.6. In the unlikely event of a blockage disconnect from the mains supply. Remove hoses and clear debris wearing the appropriate PPE.



8. MAINTENANCE

NOTE: To maintain the performance and appearance of the product, it is recommended that the following product care guidelines be read carefully.

- WARNING!** The appliance shall be disconnected from its power source during service and when replacing parts.
- 8.1. Be careful not to rub the product against rough surfaces or wear the product, especially the sheet metal housing.

- 8.2. Please regularly check the product parts that need to be tightened and connected. If found loose, please tighten it in time to ensure the safe operation of the equipment. The external and internal parts of the equipment in contact with various chemical media should be frequently treated with anti-corrosion treatment such as rust removal and painting to improve the corrosion resistance of the equipment and extend its service life.
- 8.3. To comply with the safe operating procedures and do not overload the equipment. The safety guards of the products should be checked to ensure that they are not defective.
- 8.4. Check components regularly to ensure that no parts are defective including hoses. Replace any defective parts and avoid any contact with corrosive liquids.
- 8.5. When not in use, unplug from power supply keep spare components inside the drum assembly and store the product in a dry place.
DO NOT store the product in hot, humid, or non-ventilated places.
- 8.6. **CLEANING**
- 8.7. **NOTE: Wear appropriate PPE.**
- 8.8. Remove the cleaner head to access the filter.
- 8.9. **NOTE:** Remove fabric filter and remove the dust by hand-patting the filter.
- 8.10. Remove all dust on the filter. Clean with cold or lukewarm water without use of detergent and if necessary air-dry the filter for further use.
- 8.11. To clean the exterior of the machine use a damp dry cloth.



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.



WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

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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