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CARBON CRUSHER™ WALNUT SAND  
CARBON CLEANER



### Information

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#### **For Removing Carbon Deposits**

Designed for removing carbon deposit from every inlet path quickly and easily.

#### **Several Adaptors and Accessories Included**

Filter, filter cartridge, sieve, sand blast gun, safety goggles, sand suction hose connector, 5 adaptors and 2 bags of walnut sand.

Noise levels: 75-80 dB.

### Precautions

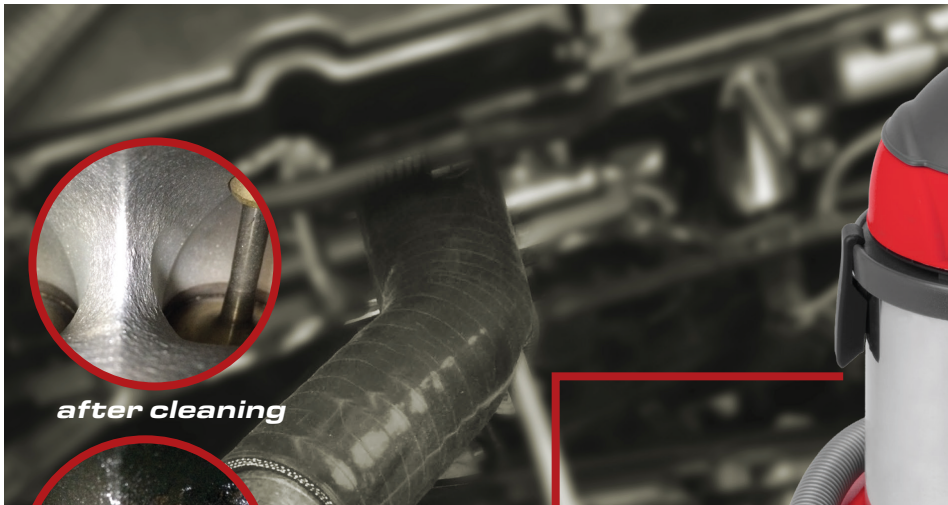
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Always wear safety gear.

Working in a clean and safe environment.

This task should be carried out by trained personnel. Make sure to consult manufacturers manual.

Do NOT use with air tools.



after cleaning

before cleaning



**Carbon Crusher Machine**

**Sand Suction Nozzle**  
(hoovers excess sand away)

**Sand Spray Gun**  
(high pressure cleans carbon away)

**Walnut Sand**  
Used for spraying into the pipe inlets

**Safety Goggles**



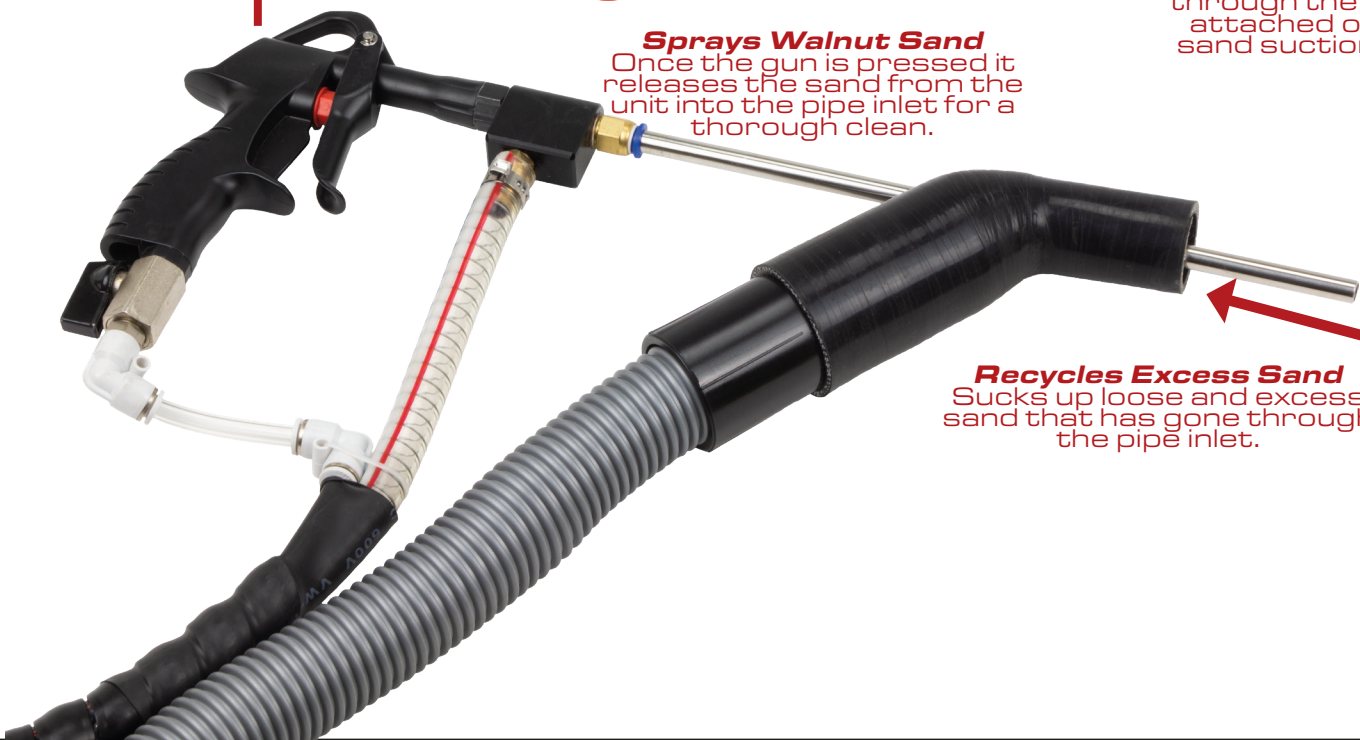
**Nozzle Adaptors**  
for different shaped pipe inlets.

**Replacement Spray Gun Tubes**

**Hose/Gun Connector**  
Place the spray gun pipe through the hole and attached onto the sand suction nozzle.

**Sprays Walnut Sand**  
Once the gun is pressed it releases the sand from the unit into the pipe inlet for a thorough clean.

**Recycles Excess Sand**  
Sucks up loose and excess sand that has gone through the pipe inlet.



### Installation and Operation

Please take out the parts and the carbon crusher, and install it as following:

- 1) Connect the sand suction pipe with the carbon crusher.
- 2) Install the spray gun along with the hose connector nozzle as seen on the last page.
- 3) Install the push rod into the spray gun.
- 4) Open the lock switches at both ends of the main unit from the upper end, and lift the head gently to check if the recovery particle filter is stable;
- 5) Check if the filter moves;
- 6) After inspection, pour walnut sand with outer diameter 0.4-0.8mm into the hose bucket, 2-4KG particle, preferably not over the height of the sieve;
- 7) Gently place the head back to the main unit and lock both ends of the lock.
- 8) After moving the hose to where its being used, connect the compressed air, no less than 0.7MPa to the hose as positioned.
- 9) Wear safety goggles to protect the eyes splashing and dust particles.
- 10) Plug into 220V/55Hz power supply.
- 11) Once the spray gun and sand suction nozzle are connected press the power switch.
- 12) To ensure the quality of recycling, it is recommended to use high-grade sand materials.
- 13) The carbon removal gun is inserted from the injection port on the recycling granule joint, and the carbon removal switch is triggered to start the carbon removal process.
- 14) The pressure from the bottom throttle valve can be changed according to the amount of carbon needing cleaned, please adjust the pressure accordingly for each job by pressing down firmly or less.

<b><i>Problem</i></b>	<b><i>Solution</i></b>
Motor has stopped running	Check the power cable and plug is connected and plugged in at the wall/power supply correctly.
Dust/Particles coming out of the carbon crusher whilst working.	Make sure the compartment with recycled sand isnt clogged, check if the gun tube is connected properly.
Suction has weakened	Check for hose/nozzle blockage, check the machines filter is clear/clean. Check paper bag for dust. Paper bag might need replaced.

### Warranty

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If you are unsure on how to use the item please contact us. If it were to fail due to a manufacturing fault or poor workmanship we will repair or replace it. Please contact your local dealer in the event you need to send the item back. You can also make a repair/replacement request on our website and download & complete the form online. Normal wear and tear along with misuse will void any warranty. Consumables are not covered under warranty.

[www.welzh.com](http://www.welzh.com)

Limited **12 month** warranty



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