

BlueSpot[®]

150MM (6") AIR HAMMER AND CHISEL SET

User Manual



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General Information

Thank you for purchasing a BlueSpot product, you can find further information on our range at **www.BlueSpot.uk.com**. Please ensure that you are using the product correctly and that all guidance and cautions are followed in accordance with the instructions. Please retain these instructions for future reference.

Safe use

Please make sure that you read these instructions carefully in order to avoid injury when using the air hammer and chisel set. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

DO NOT use if damaged.

- **ALWAYS** check the air hammer, air hose and chisels for damage before use. If damaged do not use.
- **ALWAYS** check the chisels before use. Do not use blunt chisels as these can cause damage to the workpiece or cause injury.
- **ALWAYS** check the work area before starting. Make sure there are no hidden electrical wires, gas pipes etc. This could be very dangerous.
- Maintain tool in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- 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.
- For best and safest performance always ensure the tool is cleaned and maintained regularly. The tool should always be cleaned before being stored away.
- **ALWAYS** dress appropriately – clothing should be close fitted and long hair tied back. Jewellery should be removed and shoes should be worn with a non-slip sole.
- **ALWAYS** wear the correct eye or face protection when operating the air hammer.
- **ALWAYS** wear approved respiratory protection. This will help protect you from any dust.
- **ALWAYS** wear ear protectors when using the air hammer.
- **ALWAYS** ensure you work in a well ventilated room.
- **NEVER** use oxygen, CO², combustible gases or any bottled gas as a source of power.
- **ALWAYS** ensure the tool is used with a correctly rated compressed air supply.
- **ALWAYS** ensure the air hammer trigger is not pressed when connecting to the air hose.
- **ALWAYS** make sure that the air supply hose is kept away from heat, oil and sharp edges.
- **DO NOT** exceed the maximum pressure for the tool of 90 psi / 6.2 bar.
- **DO NOT** operate the air hammer if you are tired as this could be dangerous.
- **DO NOT** get the air hammer wet. Always use in dry locations/conditions.

Safe use (continued)

- **NEVER** try to get the air hammer to perform a task that it was not made for. Do not overload or misuse the tool.
- **ALWAYS** disconnect the air hammer from the air supply when it is no longer in use or is being passed to another person.
- **ALWAYS** check and adhere to national regulations when disposing of the air hammer.
- **BE AWARE** that the tool vibrates when in use. Vibration may be harmful to your hands or arms. Stop using the tool immediately if the tool causes discomfort or pain occurs. Seek medical advice.
- **NEVER** carry an air tool by the air supply hose or with your finger on the trigger.
- **NEVER** use accessories that are not designed for use with the air hammer.
- **NEVER** use any of the chisels supplied as a hand tool. They must only be used with the air hammer.
- **NEVER** leave the air hammer unattended. When you have finished using the air hammer it should be disconnected from the air supply and stored away in a safe place that is out of reach of children.
- **NEVER** operate the tool if you are under the influence of drugs or alcohol as this can be dangerous.

Introduction

The BlueSpot Air Hammer and Chisel Set is ideal for general body shop work and rust removal. The set comes complete with 4 chisels: Spot weld breaker, body panel cutter, taper punch and ripping chisel.

Specification

| | |
|-----------------------------------|--|
| Maximum Operating Pressure | 100 PSI |
| Working Air Pressure | 90 PSI |
| Air Consumption | 4.5 CFM |
| Maximum Blows Per Minute | 4500 blows per minute |
| Air Inlet Size | ¼" BSP |
| Vibration Levels | 12.04 m/s ² (Uncertainty K is 1.06 m/s ²) |
| Sound Pressure Level | 99.3 dB |
| Sound Power Level | 110.3 dB |
| Dimensions | 14.5 x 16 x 5cm |
| Weight | 1.4 kg |

Specification (continued)

1. Retaining Spring
2. Cylinder
3. Retaining Ring
4. Trigger
5. ¼" BSP Air Inlet / Hose Adaptor
6. Regulator
7. Taper Punch
8. Tailpipe Cutter Chisel
9. Spot Weld Breaker Chisel
10. Ripping Chisel
11. Airline Coupling Screw Adaptor



Operation

Oiling the air tool

We recommend using air line oil to oil the air tool. This will help to maintain the tools best performance. Please refer to the maintenance instructions below on how to oil the air tool.

Connecting to the air supply

ALWAYS ensure the air supply is turned off before beginning.

1. Insert a few drops of air line oil into the air hammer through the air inlet before beginning.
2. Using the air inlet connect a suitable air hose. Make sure it is securely fitted.
3. Connect the other end of the hose to the air supply. Make sure it is securely fitted.
4. Turn on the air supply.
5. Before proceeding any further check for any air leaks. If the connection of the hose is not secure you may find a leak. PTFE tape can be used to seal the connection. If leaks are found they need to be fixed before proceeding.

Operation (continued)

6. When you have checked for any air leaks and have fixed them your tool is now ready for use.

Fitting the chisel

ALWAYS ensure the air supply is turned off whilst fitting the chisel.

NEVER press the trigger whilst fitting the chisel.

1. Unscrew the retaining spring and put to one side.
2. Find the chisel that is best suited to the job you would like to perform.
3. Insert the chisel into the air hammer.
4. Attach the retaining spring back to the air hammer. Use the lugs to tighten.



Trigger

- Pull the trigger to operate the air hammer.
- Release the trigger to stop the air hammer.

Operating the air hammer

When the air supply and chisel have been correctly fitted to the air hammer please follow the follow instructions on how to operate.

ALWAYS ensure you have followed all of the safe use instructions before operating the air hammer and are wearing the correct clothing, footwear and PPE equipment before beginning.

1. Turn the air supply on.
2. At a 60 degree angle hold the tool firmly in front of the work surface.
3. Pull the trigger to operate the air hammer.
4. Slowly move the air hammer across the work surface.
5. Release the trigger to stop the air hammer.

Disconnecting the air supply

ALWAYS ensure the trigger has been released and that the tool is no longer in use.

ALWAYS turn the air supply off and ensure the compressed air pressure has been released before disconnecting the air hose from the air hammer.

Operation (continued)

- To correctly shut down the air supply and release the compressed air please refer to the compressor instruction manual.
- Once the air supply has been turned off and the compressed air released disconnect the air hose from the air hammer.
- Clean and store the air hammer safely. Refer to the cleaning and maintenance instructions on how to do this correctly.

Troubleshooting

| Problem | Possible Cause | Solution |
|--|---|--|
| Air hammer is running slowly / Air hammer is not operating | Leaks in the air hose | Check the air hose connection to the air hammer. Use PTFE tape to secure. |
| | Air pressure low | Check the regulator and adjust the compressor to 90 PSI / 6.2 bar. Check the size and length of the hose – this may need changing. |
| | Dirt/gum in the air hammer | Use air line oil or gum solvent to flush through the air hammer. |
| | No oil in the air hammer | Follow the daily maintenance instructions to lubricate the air hammer with oil. |
| | Water in the airline | Drain the air hammer. Run the tool until clear of water. Follow the daily maintenance instructions to oil the tool. |
| Air hammer will not shut off | Damage to the O-rings / O-ring not fitted correctly | Replace the O-ring. If unsure get the tool repaired by a professional. |
| Air hammer runs erratically | Loose cylinder | Tighten the cylinder or if unsure get repaired by a professional. |

Cleaning & Maintenance

Daily Maintenance

ALWAYS ensure any water has been drained from the compressed air supply before performing any cleaning or maintenance.

We recommend oiling the tool before each use. To do this please do the following –

- Turn the air hammer upside down and pour 1-2 drops of the air-line oil into the air inlet.
- If the air hammer is in constant use this process should be repeated after every two to three hours.

Cleaning

To maintain best tool performance we recommend cleaning and performing the following maintenance on the air hammer –

- **ALWAYS** ensure the tool is cleaned after each use and before it is stored away.
- Clean the air inlet and flush out the tool with gum solvent to clean any deposits from the air hammer.

Storage

Before storing the tool we recommend running a few drops of air-line oil into the air inlet, then running the tool. This will oil the internal parts of the air hammer and help maintain best performance.

- **ALWAYS** ensure the tool has been disconnected from the air supply.
- **ALWAYS** check over the tool for damaged or worn parts before storing. If any damage is found you will need to replace.
- **ALWAYS** ensure the tool is stored in a safe, dry place that is out of reach from children.

Disposal

Always check and adhere to national regulations when disposing of any tools that are no longer functional and cannot be repaired.

- Contact your local waste disposal authority for information on how to correctly dispose of tools.
- Do not dispose of any power tools within domestic waste.
- Do not incinerate.

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.



Environmental 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.



Contact

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