

1	APPLIANCE	2
2	DESCRIPTION (FIG. A)	2
3	PACKAGE CONTENT LIST	2
4	SAFETY WARNINGS AND PRECAUTIONS	2
5	AIR HAMMER SPECIFIC SAFETY WARNINGS.	4
6	AIR SUPPLY.....	4
7	LUBRICATION	4
8	IMPORTANT!!!	5
9	LOADING AND OPERATION.....	5
10	MAINTENANCE.....	6
11	TECHNICAL DATA	6
12	NOISE	6
13	TROUBLE SHOOTING.....	6
14	ENVIRONMENT.....	8
15	DECLARATION OF CONFORMITY	8

**PNEUMATIC CHISEL/HAMMER SET
POWAIR0803****1 APPLIANCE**

Ideal for general cutting, chipping and scraping.



Warning Read this manual and general safety instructions carefully before using the appliance, for your own safety.

2 DESCRIPTION (FIG. A)

1. Chisel
2. Spring
3. Trigger
4. Handle
5. Coupler
6. Air regulator

3 PACKAGE CONTENT LIST

- Remove all packaging materials.
- Remove remaining packaging and packing inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packaging materials as far as possible until the end of the warranty period. Then take it to your local waste disposal system.



WARNING Packaging materials are not toys! Children must not play with plastic bags! There is a danger of suffocation!

1 x air chisel
4 x 125mm chisels
1 x Retaining spring
1 x male Euro coupler
1 x male Orion coupler

1 x oil bottle (empty)
1 x PTFE sealing tape
1 x BMC
1 x Manual



If any parts are missing or damaged, please contact your dealer.

4 SAFETY WARNINGS AND PRECAUTIONS

- Keep work area clean. Cluttered areas invite injuries.
- Observe work area conditions. Do not use machines or power tools in damp or wet locations. Don't expose to rain. Keep work area well lit. Do not use electrically powered tools in the presence of flammable gases or liquids.
- Keep children away. Children must never be allowed in the work area. Do not let them handle machines, tools, extension cords, or air hoses.

- Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
- Use the right tool for the job. Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this tool and do not use this tool for a purpose for which it was not intended.
- Dress properly. Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically non-conductive clothes and non-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair.
- Use eye and ear protection. Always wear ANSI approved impact safety glasses under a full face shield while working. Wear an ANSI approved dust mask or respirator when working around metal, wood, and chemical dusts and mists.
- Do not overreach. Keep proper footing and balance at all times. Do not reach over or across running machines or air hoses.
- Maintain tools with care. Keep tools clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords and air hoses periodically and, if damaged, have them repaired by an authorized technician. The handles must be kept clean, dry, and free from oil and grease at all times.
- Disconnect air supply. Disconnect air hose when not in use.
- Remove adjusting keys and wrenches. Check that keys and adjusting wrenches are removed from the tool or machine work surface before connecting the tool.
- Avoid unintentional starting. Be sure the trigger is released when not in use and before connecting to the air source. Do not carry any tool with your finger on the trigger, whether it is connected or not.
- Stay alert. Watch what you are doing, use common sense. Do not operate any tool when you are tired.
- Check for damaged parts. Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if the trigger does not operate properly.
- Guard against electric shock. Prevent body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerator enclosures.
- Replacement parts and accessories. When servicing, use only identical replacement parts. Use of any other parts will void the warranty.
- Industrial applications must follow OSHA guidelines.
- Do not operate tool if under the influence of alcohol or drugs. Read warning labels if taking prescription medicine to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.
- Use proper size and type extension cord. If an extension cord is required, it must be of the proper size and type to supply the correct current to the compressor without heating up. Otherwise, the extension cord could melt and catch fire, or cause electrical damage to the compressor. Check your air compressor's manual for the appropriate size cord.
- Maintenance. For your safety, maintenance should be performed regularly by a qualified technician.
- Compressed air only. Never use combustible gas as a power source.

- Use both hands. The force generated from this tool can cause it to break free of your grasp, causing serious injury and damage. Always operate this tool with both hands.



Note: Performance of the compressor (if powered by line voltage) may vary depending on variations in local line voltage. Extension cord usage may also affect tool performance.

5 AIR HAMMER SPECIFIC SAFETY WARNINGS.

- Repetitive motions or exposure to vibration may be harmful to your hands and arms.
- When wearing gloves to operate the Air Hammer, make sure that the gloves do not interfere with operating the Trigger. Test your gloves with the Trigger before attaching the unit to an air source.
- Never start the tool unless you have a firm grip with both hands and you are positioned at your work piece or area.
- Before using the Air Hammer, know what is directly underneath the work area or work-piece. The Air Hammer can quickly penetrate material. If working directly on the ground, make sure you are not directly above shallow cables, lines, or pipes.
- Keep your limbs and body clear of the Air Hammer. If a chisel or bit breaks off, the tool tends to surge forward suddenly. Make sure the immediate area is clear of other people or animals. Spectators must stay at a safe distance.
- Never point the tool or the air hose (not included) at anyone.
- Keep your finger away from the Trigger until you are ready to work.



Warning!! Any spectators in the area will need eye and ear protection. Beware of flying chips of wood, concrete, metal, or any other material being hammered.

6 AIR SUPPLY

- Ensure air valve (or trigger) is in the “off” position before connecting to the air supply.
- You will require an air pressure of 91psi, and an air flow according to specification.
- WARNING!** Ensure the air supply is clean and does not exceed 91psi while operating the tool. Too high an air pressure and unclean air will shorten the product life due to excessive wear, and may be dangerous causing damage or personal injury.
- Drain the air tank daily. Water in the air line will damage the tool.
- Clean air inlet filter weekly.
- Line pressure should be increased to compensate for unusually long air hoses (over 8 meters). The minimum hose diameter should be 3/8” I.D. and fittings must have the same inside dimensions.
- Keep hose away from heat, oil and sharp edges. Check hose for wear, and make certain that all connections are secure.

7 LUBRICATION

An automatic in-line filter-regulator-lubricator is recommended (Fig. 1) as it increases tool life and keeps the tool in sustained operation. The in-line lubricator should be regularly checked and filled with air tool oil.

Proper adjustment of the in-line lubricator is performed by placing a sheet of paper next to the exhaust ports and holding the throttle open approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper. Excessive amounts of oil should be avoided.

In the event that it becomes necessary to store the tool for an extended period of time (overnight, weekend, etc.), it should receive a generous amount of lubrication at that time. The tool should be run for approximately 30 seconds to ensure oil has been evenly distributed throughout the tool. The tool should be stored in a clean and dry environment.

- It is most important that the tool be properly lubricated by keeping the air line lubricator filled and correctly adjusted. Without proper lubrication the tool will not work properly and parts will wear prematurely.
- Use the proper lubricant in the air line lubricator. The lubricator should be of low air flow or changing air flow type, and should be kept filled to the correct level. Use only recommended lubricants, specially made for pneumatic applications. Substitutes may harm the rubber compounds in the tools, O-rings and other rubber parts.

8 IMPORTANT!!!

If a filter/regulator/lubricator is not installed on the air system, air operated tools should be lubricated at least once a day or after 2 hours work with 2 to 6 drops of oil, depending on the work environment, directly through the male fitting in the tool housing. Fig. 1

- | | |
|--------------------|--------------------------|
| 1. Tool | 7. Lubricator |
| 2. Quick connector | 8. Regulator (0-8.5 bar) |
| 3. Quick coupler | 9. Filter |
| 4. Air hose | 10. Cut-off valve |
| 5. Quick connector | 11. Air compressor |
| 6. Quick coupler | |

9 LOADING AND OPERATION



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

1. Connect the tool to the air hose.
2. Press the trigger to operate the tool.
3. The flow of air may be regulated by adjusting flow valve at the base of the handle.
4. Ensure the air supply is clean and does not exceed 90psi while operating the tool. Too high an air pressure and unclean air will shorten the product life due to excessive wear, and may be dangerous causing damage or personal injury.



DO NOT use any additional force upon the wrench in order to remove a nut.



DO NOT allow wrench to free run for an extended period of time as this will shorten its life.

10 MAINTENANCE



WARNING: Disconnect wrench from air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. Use genuine parts only. Non-authorized parts may be dangerous

1. Lubricate the air tool daily with a few drops of air tool oil dripped into the air inlet
2. DO NOT use worn, or damaged tool.
3. Loss of power or erratic action may be due to the following:
4. 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.
5. Grit or gum deposits in the tool 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.
6. When not in use, disconnect from air supply, clean tool and store in a safe, dry, childproof location.

11 TECHNICAL DATA

Model	POWAIR0803
Blows per minute	4500min-1
Operating pressure	6.2bar / 90psi
Air inlet size	1/4"
Avg. air consumption	142l/min
Chisel shank	2/5"
Bore diameter	3/4"

12 NOISE

Noise values measured according to relevant standard. (K=3)

Acoustic pressure level LpA	94 dB(A)
Acoustic power level LwA	105 dB(A)



ATTENTION! The sound power level may exceed 85 dB(A), in this case individual hearing protection shall be worn.

aw (Vibration)	167,8m/s ²	K = 7,9 m/s ²
----------------	-----------------------	--------------------------

13 TROUBLE SHOOTING

The following form lists the common operating system with problem and solutions. Please read the form carefully and follow it.




WARNING: If any of the following symptoms appears during your operating, stop using the tool immediately, or serious personal injury

could result. Only a qualified persons or an authorized service center can perform repairs or replacement of tool.



Disconnect tool from air supply before attempting repair or adjustment. When replacing O-rings or Cylinder, lubricate with air tool oil before assembly.

PROBLEMS	POSSIBLE CAUSES	REMEDIES
Tool runs at normal speed but loses under load	Motor parts worn.	Lubricating clutch housing. Check for excess clutch oil. Clutch cases need only be half full. Overfilling can cause drag on high speed clutch parts, i.e. a typical oiled/lubricated wrench requires 1/2 ounce of oil.
	Cam clutch worn or sticking due to lack of lubricant.	
Tool runs slowly. Air flows slightly from exhaust	Motor parts jammed with dirt particles	 <p>GREASE LUBRICATED NOTE: Heat usually indicates insufficient grease in chamber. Severe operating conditions may require more frequent lubrication.</p>
	Power regulator in closed position	
	Air flow blocked by dirt.	
Tools will not run. Air flows freely from exhaust	One or more motor vanes stuck due to material build up.	Pour air tool lubricating tool into air inlet. Operate tool in short bursts of forward and/or reverse rotation where applicable. Tap motor housing gently with plastic mallet. Disconnect supply. Free motor by rotating drive shank manually where applicable
Tool will not shut off	'O' rings throttle valve dislodged from seat inlet valve.	Replace 'O' ring.



Note: Repairs should be carried out by a qualified person.

14 ENVIRONMENT

Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it in an environmentally safe way.

15 DECLARATION OF CONFORMITY



VARO N.V. - Joseph Van Instraat 9 - BE2500 Lier - BELGIUM, declares that,
product: Pneumatic chisel/hammer set
trade mark: POWERPLUS
model: POWAIR0803

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature);
2006/42/EC

European harmonized standards (including, if applicable, their amendments up to the date of signature);
EN ISO 11148-4 : 2012

Keeper of the Technical Documentation : Philippe Vankerkhove, VARO – Vic. Van Rompuy N.V.

The undersigned acts on behalf of the company CEO,

Hugo Cuypers
Regulatory Affairs – Compliance Manager
Date: 27/02/2014