

Operation Manual

Air Impact Wrench 61900



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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Introduction

Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Keep these operation instructions safe.

Safety instructions

General safety instructions



Read the manual!



Wear hearing protection!



Wear eye protection!



Wear hand protection!



Wear foot protection!



Wear protective clothing!

- **To avoid malfunctions, damage, and health impairments, follow the general safety instructions for pneumatic tools below as well as the following instructions!**
- **Follow safety and accident prevention regulations.** In addition to the instructions in this operating manual, the local safety and accident prevention regulations must be observed.
- **Hand over operating instructions to third parties.** Ensure that third parties do not use this product until they have received the necessary instructions.
- **The device is not intended for use by persons (including children) with impaired or limited physical, sensory, or mental abilities as well as persons with a lack of experience and/or real knowledge, unless they have been given supervision or instruction concerning use of the device by a person responsible for their safety. Children should be supervised to make sure that they do not play with the device. Children must not use this device without supervision.**
- **Always be observant and always pay attention to what you are doing.** Do not use this device if you are tired, inattentive, or under the influence of alcohol, drugs, or medicine. A moment of inattention when using the electric device can result in serious accidents and injuries.

Special safety instructions

- The air impact wrench set is intended for private use only and not for continuous commercial use.
- Use the tool according to the instructions in this manual. Use it only for its intended purpose.
- Never direct the air impact wrench towards people, animals, or plants.
- The air impact wrench produces a loud noise level. Wear appropriate hearing protection. All persons in the vicinity of the work area must wear suitable hearing and eye protection.
- Wear protective clothing like safety goggles and work gloves as well as a face mask.
- Always wear appropriate work clothing. Wear tight-fitting clothing and non-slip footwear. Use a hair net to cover long hair. Jewellery and loose clothing may get caught in moving parts of the tool.
- Do not let the device run at full speed without loading.



- Always disconnect the air impact wrench from the compressed air supply when the tool is not in use. Disconnect it also before carrying out maintenance work or before replacing the tool accessories (socket, etc.).
- Ensure that all connections and hoses are properly attached and in good working order. Loose hoses can pose a serious risk of injury.
- Before using the air impact wrench and its accessories, inspect them carefully to ensure that they are not damaged. Do not use them if you notice any damage.
- Only use sockets that are specifically designed for pneumatic impact wrenches.
- Keep your work area clean. Untidy work areas can be a leading cause for accidents. Ensure good lighting when working with the device.
- Do not carry out any structural modifications or emergency repairs on the impact wrench. Use it only for the purpose for which it was intended.
- Disconnect the impact wrench from the compressed air supply before carrying out any maintenance or repair work.
- The maximum working pressure of 10 bar must not be exceeded.
- The working pressure must be set by means of a (filter) pressure regulator.
- Only use compressed air as the energy supply. Do not use gases.
- Do not operate the tool unloaded at idle speed. Risk of injury through ejected sockets.
- Never touch rotating parts.
- Only tighten bolts or nuts lightly (not firmly) with the impact wrench. Afterwards the bolts or nuts need to be tightened with a torque wrench according to the torque specifications (of the object you are working on).
- Do not use great force to loosen or tighten screws – **Attention!** In case you are working with thinner materials (aluminium or similar) overtightening with the impact wrench may damage the thread or the screw seat.
- **Caution!** When unscrewing screws or nuts, they remain in the socket. The sockets can be thrown out. Risk of injury for you and other persons.
- **Be careful!** The high sound level when using the impact spanner can impair workplace communication.
- **Be careful!** During operation, vibrations from the device are transferred to the operator. Always work with work gloves.
- **Be careful!** During operation, dust and dirt particles can be blown up and oil and other liquids can be released. Always wear safety goggles and a face shield.
- If there are any leaks or other malfunctions, immediately disconnect the unit from the compressed air source and correct the malfunction.

Technical specifications

Idle speed (rpm)	4200
Bolt diameter (mm)	41
Air pressure range (bar)	6–10
Air inlet opening (inch)	½
Air consumption (m³/min)	1.2
Max. torque (Nm)	2380
Gear	Square drive
Square drive Size (mm)	25.4 (1")
Weight (kg)	17
Accessories	1 × air impact wrench 2 × sockets (32 mm, 33 mm diameter) 1 × hexagon key 1 × handle (additionally attachable) 1 × fitting 1 × plastic case

CAUTION: When working with the air impact wrench, hearing protection must be worn. Some noise caused by this device is unavoidable. In the case of complex work it is advisable to plan the tasks and, if necessary, observe rest periods. Working hours must be limited to the bare minimum. Ear defenders must be worn for personal protection.

Product description

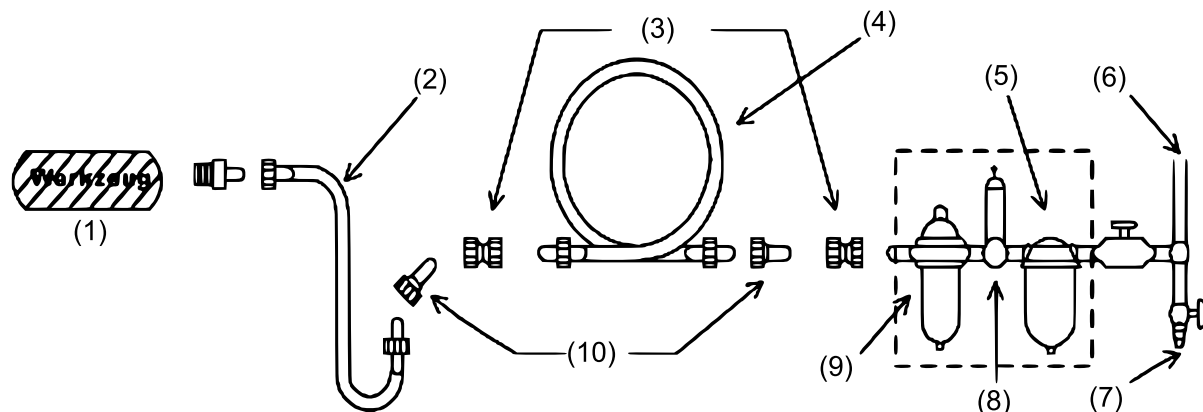
This tool has a reversible spindle that drives a hammer. This hammer periodically hits an anvil that includes a drive adapter. This is intended to tighten or loosen screws and nuts without the power tool causing a major torque reaction.

Use

This product is the perfect assembly tool for working on cars, trucks, boats, construction equipment, excavator steel chains and more.

Air line

Use a ¼" air hose to connect the compressor and tool. The compressed air is cooled and the water it contains is separated when the air leaves the compressor. However, some of the water condenses in the pipeline and can get into the mechanism of the tool. This may lead to malfunctions of the device. Install an air filter and oiler between the compressor and the tool. Use a compressor with 3 hp or more for each tool.



No	Name	No	Name
1	Tool	6	Air supply
2	Leader hose	7	Drain valve (Drain daily!)
3	Coupler	8	Regulator
4	Recoil hose	9	Oiler
5	Water separation	10	Nipple

Tools used

Only use sockets and adapters that are in perfect condition. The sockets and adapters provided for this pneumatic tool are specified as square drive sockets in the technical data table.



Safety

- When working with this device, always wear suitable eye, hearing, and mouth protection as well as gloves to minimise the risk of injury.
- The workplace must be well ventilated.
- Release the on/off switch if the power supply and the compressed air supply fail.

Operation

On/off switch

The switch is located inside or outside of the handle. It is a dead man's switch. As soon as you release the trigger, the tool will stop rotating. Wait a few moments until the tool has stopped rotating completely. For safety reasons, place it on a flat surface or in a holder.

Speed adjuster

You can freely set the speed in three steps by turning the rotary knob. 1 is the lowest speed, 3 the highest.

Direction of rotation

Make sure that the direction of rotation is correct before operating the tool. The letter "F" indicates forward rotation, the letter "R" indicates reverse rotation. Forward rotation always refers to a clockwise rotation from the point of view from operator.

Maintenance

Lubrication

Before connecting the hose, apply 4 to 5 drops of spindle oil to the air inlet. Using thicker oil can cause poor performance or malfunction. If thicker oil is accidentally used, wash it off immediately. In addition, oiling is required every 3–4 hours of operation.

Storage

Do not store the device in a place with high humidity. If the tool is stored immediately after use, residual moisture inside the tool can lead to rust formation. Before storage and after operation, oil the tool at the air inlet with spindle oil and operate it briefly.

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