

Air Impact Wrench



TECHNICAL DATA

Hammer type: Pinless Hammer
Max. speed: 3600 rpm
Output profile: external square
Output profile size, metric: 25 mm
Output profile size, inch: 1"
Max. torque (counter-clockwise): 3800 Nm
Max. torque (clockwise): 3100 Nm
Air inlet: 1/2"
Working pressure: 6.2 bar (90 psi)
Air consumption: 1140 l/min (40.3 cfm)
Sound pressure level (LpA): 97.7 dB(A)
Sound power level (LwA): 108.7 dB(A)
Vibration level (ahd): 10.48 m/s²
Vibration level (K): 1.53 m/s²
Recommended hose: 15.8 mm (5/8") ID
Total length: 590 mm
Total weight: 16.6 Kg

ATTENTION

Read the operating instructions and all safety instructions contained therein carefully before using the product. Use the product correctly, with care and only according to the intended purpose. Non-compliance of the safety instructions may lead to damage, personal injury and to termination of the warranty. Keep these instructions in a safe and dry location for future reference. Enclose the operating instructions when handing over the product to third parties.

INTENDED USE

This product is used to loosen and tighten screw connections. Always tighten screw connections with a torque wrench to the required torque.

SAFETY INFORMATIONS

When using pneumatic tools, fundamental precautionary measures must always be ensured in order to reduce the risk of personal injury and property damage.

- Keep children and unauthorised persons away from the work area.
- Do not let any children play with the tool or its packaging.
- Make sure that the work area is sufficiently illuminated.
- Keep the work area clean, organised, dry and free from other materials.
- Do not allow untrained persons work with this tool set.
- Ensure that the trigger is located in the OFF position when being connected to the compressed air system.
- Do not carry out any modifications on the tool.
- Use only accessories that are dimensioned for use with compressed air tools.
- Disconnect the tool from the compressed air supply before installing accessories, when carrying out maintenance work or the device is not being used.

SAFETY INFORMATIONS

- Maintain the tool with care. Check hoses and compressed air connections at regular intervals.
- Do not use the tool if it is damaged. Have the tool repaired by specialist personnel.
- When installing regulators, filters and other accessories, observe the manufacturer specifications of the compressed air system.
- Store the tool in a dry and safe location out of the reach of children.

IMPORTANT NOTES ON PERSONAL SAFETY

- Operate the tool using common sense.
- Do not wear loose clothing or jewellery that can be caught by moving parts and cause serious injury.
- Only operate the tool at a safe distance from yourself and other persons
- Always ensure a firm foothold in order to be able to maintain your balance at all times.
- Never reach through or over electric cable or air hoses.
- Always work with a second person present; in event of an accident, this person can call for help or medical assistance.
- Do not use this tool if you are under the influence of medication, alcohol or drugs, or if you are tired. Read the package insert of your medicine in order to rule out an impairment of your judgement or reflexes.
- Do not use the device if there is any doubt about the functionality of this tool.
- Always stay aware. During work, observe your workplace and carry out work with utmost care.
- Before use, check the tool for damage. If a part is damaged, use the tool again only after all damaged parts have been repaired by an authorised specialist.
- Do not use the device in rooms containing explosive or highly flammable substances.
- The eraser is equipped with a safety lever on the trigger to prevent accidental activation. The device must not be used if the safety lever does not work.

OCCUPATIONAL SAFETY

When using this tool, always wear following protective equipment:

- Safety glasses
- Hearing protection
- Anti-slip safety shoes
- Work gloves
- Hair net, if you have long hair



UNPACKING

When unpacking, make sure that all parts are present.
Contact your dealer if parts are missing or damaged.

ENVIRONMENTAL PROTECTION

Recycle unwanted materials instead of disposing of them as waste. Packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. Contact your local solid waste authority for recycling information. Dispose of this product at the end of its working life environmentally.



AIR SOURCE

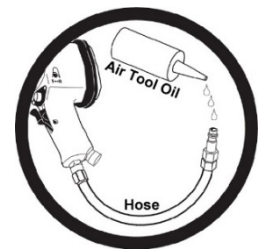
Clean air at the correct pressure is essential to supply this tool. The working pressure for this tool is specified in chapter "Technical data" and is recommended for most compressed air tools of this class. An increase in pressure is required if the length of the air hose or other circumstances result in a decrease in pressure. The air pressure has to be increased in order to guarantee the working pressure at running tool. Water in the hose and compressor leads to a reduction in performance and damage to compressed air devices.

RECOMMENDED COMPRESSED AIR SYSTEM

No.	Designation	No.	Designation
1	Air tool	6	Drainage/filtering unit
2	Air hose	7	Drainage valve
3	Quick coupling	8	Shut-off valve
4	Oiler (for tools with motor)	9	Dryer/filter unit
5	Pressure reducer	10	Compressor

WARTUNG

- Air tools should be operated on air systems that have an automatic oiler. When using air systems that do not have an automatic oiler, air tools must be regularly added oil to the air tool via the air connection.
- Before first use, add 4 to 5 drops of air device oil to the air connection of the device.
- Do not use engine or gear oil, to oil pneumatic tools; only use oil for pneumatic tools.
- Drain the compressed air system before each use. Water in the air lines leads to a loss of performance and damage to the air tool.
- Clean or replace the air filter on the compressor at the prescribed intervals.
- Only operate the air tool with the maximum pressure specified in the chapter "Technical data".



COMPONENTS

- 1 Output drive shaft
- 2 Handle
- 3 Regulator; three power levels per direction of rotation
- 4 Air inlet
- 5 Trigger

PREPARING

1. Remove the sealing cap from the air inlet (4).
2. Mount the quick coupling nipple on the air inlet.
3. Put a few drops of compressed air device oil into the device via the air inlet.
4. Make sure that the trigger (5) is in the non-depressed position.
5. Connect the device to the compressed air source hose.
6. Check the function of the device by pressing the trigger (5).
7. Disconnect the device from the compressed air source again.

LOOSEN SCREWS

1. Choose the required size of impact socket and place the impact socket on the square of the output drive shaft (1).
2. Connect the air impact wrench to the compressed air source hose.
3. Set the regulator (3) to one of the 3 loosening position.
4. Place the impact socket on the hex of the bolt or nut.
5. Hold the impact wrench with one hand at the additional handle (2) and the other hand at the handle (2) near the trigger.
6. Activate the trigger to start operating.

TIGHTEN SCREWS

1. Choose the required size of impact socket and place the impact socket on the square of the drive shaft (1).
2. Connect the air impact wrench to the compressed air source hose.
3. Set the regulator (3) to the smallest power level and direction of rotation for tightening the screw.
4. Place the impact socket on the hex of the bolt or nut, hold the impact wrench and press the trigger.
5. Increase the power level on the regulator (3), if necessary.
6. Stop tightening when the nut or bolt touches the workpiece to be fastened.
7. Always tighten all screw connections with a torque wrench to the required torque.

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ppa.

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