

Operating Instructions

Pneumatic Drill



WARNING

In order to reduce the risk of injury, the operating instructions and safety regulations must have been read and understood!



Please read the operating instructions in full and for your own safety follow all of the instructions contained therein.

Store the manual in a secure location.

Attention!

Remember that in accordance with the safety provisions of the Machinery Directive, a compressed air connection must not be made directly to the air inlet of the compressed air machine. Plug-in sleeves with pressed ends, screwed into the air inlet of the device provide the greatest level of safety.



Scope of delivery

Open the packaging and check the contents.

- 1 x compressed air device
- 1 x dehumidifier
- 1 x safety regulations
- 1 x EC Declaration of Conformity
- 1 x operating instructions
- 1 x technical specifications
- 1 x spare parts list

Function of drills

- The drill is a compressed air device and is used for drilling.
- Never use the drill for any other purpose.
- Please observe the safety regulations!

Application of drills

When working with compressed air devices, observe the safety regulations!

The structure of the drills is shown in detail in the spare parts list.

Essentially, the drills consists of the following main components:

1. Drive spindle:

For mounting the drill chuck.

2. Reversing switch:

For reversing the rotation of the drill chuck.

3. Trigger

Starts the device.

4. Power control:

For adjusting the required speed. Attention! As the power control is heavily dependent on the available flow pressure and its properties, it is not possible to guarantee repeat accuracy. The performance and available torque also depend to a large extent on the user and the duration of operation. It is therefore essential that only trained, qualified personnel work with these compressed-air devices.

Information for operation

- Connect device to the compressed air supply.
- The drill bit must be clamped tightly in the chuck.
- For drill chucks with toothed rim, use a chuck key to clamp or loosen the drill bit. For quick-change (keyless) chucks, it is sufficient to tighten the chuck.

Soiling might result in the drill chuck getting jammed. In this case it may be useful to spray a little lubrication oil into the mount, and to tap lightly on the drill chuck rim with a rubber mallet. Ensure that all components are cleaned after successful disconnection.

- The machine starts when the trigger is pulled. The machine stops when the trigger is released again.
- To reverse the rotation of the drive spindle, use the reversing switch. The direction of rotation is indicated on the device or on the reversing switch.
- To prevent an unwanted reaction torque, always check the position of the reversing switch before use.
- Use the reversing switch only when the drive spindle is standing still. **Attention!** Failure to observe this might destroy the drive assembly of the machine.
- Always hold the machine firmly by hand to ensure correct function.
- The chuck and the drill bit must always be aligned, never tilted, to ensure safe and proper function.

Never use drills and drill bits for purposes for which they were not designed.

Doing so might destroy the drill or drill bit.

Test the drill beforehand by a test drilling in order to determine the required time for drilling through.

- Drilling performance depends on many factors:

If the air flow pressure is below 6.2 bar, performance will be affected.

Worn drill bit.

Maintenance

When servicing the drill, observe the environmental regulations under local law.

To achieve a longer lifetime, the manufacturer recommends annual professional maintenance by trained, qualified personnel of your service partner.

If you have any questions, please contact the manufacturer.

Lubrication of the gear mechanism

The gear mechanism of the drills has permanent lubrication and requires no maintenance.

Lubrication of the motor

Disconnect the drill from the compressed air in order to prevent accidental activation.

The motor requires lubrication to ensure proper functioning of the motor component group.

1. Use only mist lubricant approved by the manufacturer
2. Clean the air inlet of dirt before oiling
3. Insert mist lubricant (approx. 2–3 drops) into the air inlet, while keeping the trigger pressed
4. Allow the machine to idle briefly at the lowest power setting

Attention!

Maintenance of the drill may only be carried out by qualified personnel.

Repairs should only be carried out by the service partner of the manufacturer.

Disposal

When disposing of the device, comply with applicable local legislation. Remember that incorrect disposing of lubricants causes environmental damage.

We accept no liability or warranty for damage or injuries resulting from improper use or misuse or failure to comply with the safety information.

The device must only be used for the applications described.

Any other use is prohibited.