

Operating instructions



Angle grinder



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.

CE



Scope of delivery

Open the packaging and check the contents.

- 1 x Pneumatic Tool
- 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 the angle grinder

- The angle grinder is a pneumatic tool and is used to grind and cut with grinding or cutting disks.
- Never use the angle grinder for any other purpose.
- Please observe the safety regulations.

Use of the angle grinder

When working with pneumatic tools, the safety regulations must be observed.

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

Essentially, angle grinders comprise the following main components:

1. Drive spindle with clamping device:

Secures the grinding disk.

2. Trigger

Starts the device.

3. Power control:

Adjust the required speed. Attention ! As the power control is heavily dependent on the attached flow pressure and its properties, it is not possible to guarantee repeat accuracy. The power and torque specifications are also very dependent 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 pneumatic tool to the compressed air supply.
- The grinding/cutting disk must be firmly clamped into the holder.
- To clamp or loosen the grinding/cutting disk, one or two chuck keys must be used.
If there is soiling, the tension disks may become jammed. In this case it may be useful to spray a little lubrication oil into the connection. Ensure that all components are cleaned after successful disconnection.
- The machine starts when the trigger is activated. The machine stops when the trigger is released again.
- Adjust the exhaust vent so that it points away from the user.
- Always hold the machine firmly in the hand to ensure it functions correctly.
- Grinding/cutting disks and the clamping device must always be clamped in parallel and must not be tilted, in order to ensure safe, optimal functioning.
Never use angle grinder or grinding/cutting disks for purposes for which they were not designed.
This could destroy the angle grinder or the grinding/cutting disk.
Test the angle grinder beforehand on a test piece in order to calculate the required speed for the grinding or cutting.
- Grinding and cutting performance depends on many factors:
if the flow pressure of the air is less than 6.2 bar, performance will be reduced.
Worn grinding or cutting disk.
Incorrectly set power controller.

Maintenance

When servicing angle grinders, the environmental regulations under local law must be observed.

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

If you have questions, please contact the manufacturer.

Lubrication of the angular gear

Separate the angle grinder from the compressed air in order to avoid unintentional activation.

The gear must be lubricated to ensure proper functioning of the mechanics.

1. Only use lubricating grease or oil approved by the manufacturer
2. Use a grease gun with the appropriate nozzle.
3. Before lubrication, remove external dirt.

The frequency of lubrication and quantity of lubricating grease or oil to be used depends on how the machine is used. Necessary maintenance becomes noticeable when the performance of the machine decreases. Maintenance must be carried out at that point.

Lubrication of the motor

Separate the angle grinder from the compressed air in order to avoid unintentional activation.

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

1. Only use air oil approved by the manufacturer
2. Clean the air inlet of dirt before oiling
3. Insert air oil (approximately 2–3 drops), keeping the trigger pressed
4. Allow the machine to idle briefly at the lowest power setting

Attention !

Maintenance of the angle grinder 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 incorrectly 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.

Other uses are forbidden.