

Operating Instructions

Pneumatic Grinder



WARNING

To reduce the risk of injury, the operating instructions and safety instructions must be read and understood.



Please read the operating instructions completely and observe all the information included for your own safety.
Store the manual in a safe place.

! Caution !

Be aware that, in accordance with the provisions of the Machinery Directive, a pneumatic coupling must not be directly connected to the air inlet of the pneumatic machine. Sockets with clamped hose ends screwed onto the air inlet of the device provide the most safety here.



Scope of delivery

Open the packaging and inspect the contents.

- 1x pneumatic device
- 1x dehumidifier
- 1x safety instructions
- 1x EC declaration of conformity
- 1x operating instructions
- 1x technical data
- 1x spare parts list

Function of grinder

- The grinder is a pneumatic device and is used to grind with mounted points.
- Never use the grinder for any other purpose.
- Observe the safety instructions.

Using the grinder

When working with pneumatic devices, the safety instructions must be observed.

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

Grinders essentially consist of the following main components:

1. Drive spindle with clamping mechanism:

Secures the mounted point in position.

2. Trigger

To start device.

3. Power control:

Sets the required speed. Caution! As the power control is heavily dependent on the existing flow pressure and its properties, no repeat accuracy can be guaranteed. The power and torque output are also heavily dependent on the user and period of operation. As a result it is essential that only trained specialists are permitted to work with these pneumatic devices.

Information for operation

- Connect the device to the compressed air supply.
- The mounted point must be firmly clamped in the receiver.
- To clamp or loosen the mounted point, two wrenches must be used.
If there is soiling, the chuck may become jammed. In this case it may be useful to spray a little lubricating oil into the connection. All components must be cleaned after successful disconnection.
- The machine starts when the trigger is pressed. The machine stops when the trigger is released again.
- Adjust the exhaust panel so that it points away from the user.
- Always hold the machine firmly in the hand to ensure proper operation.
- The mounted point and clamping device must always be in a line and must not be tilted, in order to ensure safe and optimal operation.
Never use the grinder or mounted point for a purpose for which they were not designed.
This can destroy the grinder or mounted point.
Check the grinder beforehand on a test piece to determine the required speed for grinding.
- Grinding performance is dependent on many factors:
If the flow pressure of the air is less than 6.2 bar, performance will be reduced.
Worn mounted point.
Incorrectly set power controller.

Maintenance

When performing maintenance on grinders, the applicable local environmental regulations must be observed.

To increase the lifespan, the manufacturer recommends annual professional maintenance by trained specialists from your service partner.

If you have questions in this regard, please contact the manufacturer.

Lubrication of the motor

Disconnect the grinder from the compressed air to prevent unintentional restart. The motor requires lubrication to ensure proper operation of the motor assembly.

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

Caution!

Maintenance of the grinder may only be performed by trained specialists.

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

Disposal

Comply with applicable national legislation when disposing of the device. Bear in mind that lubricants disposed of incorrectly can pollute the environment.

We cannot be held liable for any damage or injuries resulting from incorrect use or any use other than the intended use or for non-compliance with the safety instructions.

Only use the device for the applications described.

We do not approve any other use.