

# Operating Instructions

## Pneumatic Scraper



### 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 the scraper**

- The scraper is a compressed air device and is used for cleaning of surfaces and removal of material.
- Never use the scraper for any other purpose.
- Please observe the safety regulations!

### **Application of the scraper**

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

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

Essentially, the scraper consists of the following main components:

#### 1. Scraper blade mount:

For mounting the scraper blades of different shapes.

#### 2. Start lever

For starting the device after the scraper blade has been positioned on the workpiece.

#### 2. Power control:

Attention! Since the performance is heavily dependent on the available flow pressure and its properties, it is not possible to guarantee repeat accuracy. The performance also depends 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.
- When mounting the scraper blade, it must glide into its guide without any resistance. Avoid soiling. Firmly tighten the clamping screws, but do not overtighten.
- Soiling might result in the scraper blade getting jammed. In this case it may be useful to spray a little lubrication oil into the mount, and to tap lightly on the scraper blade with a rubber mallet. Make sure to clean all components after successful disconnection.
- The machine starts when the start lever is pressed. The machine stops when the start lever is released.
- **Attention!** Never start the machine if the scraper blade is not mounted securely!
- Always hold the machine firmly by hand to ensure correct function.
- **Attention!** Use only scraper blades in perfect working condition. Replace worn scraper blades immediately.
- The scraper blade and the scraper blade mount must always be aligned to ensure safe and proper function.
- Never use the scraper for purposes for which it was not designed. Doing so might destroy the scraper, scraper blade mount or scraper blade.
- The performance of the scraper depends on many factors:
  - If the air flow pressure is below 6.2 bar, scraping performance will also be affected.
  - Worn scraper blades will reduce scraping performance.
  - Scraping performance varies with different applications.

## Maintenance

When servicing the scraper, 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 axial piston motor

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

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

1. Use only mist lubricant approved by the manufacturer
2. Before lubricating, remove any external dirt from the scraper blade mount.
3. Clean the air inlet of dirt before oiling
4. Insert mist lubricant (approx. 2–3 drops) into the air inlet, while keeping the trigger pressed
5. Let the machine start briefly at lowest power setting. (Idling for a long time might damage the device.)

The frequency of lubrication and quantity of oil depend on how the machine is used. A need for maintenance is indicated by decreasing performance of the machine. Maintenance must be carried out no later than that.

### **Attention!**

Maintenance of the automatic hammer 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.**

### Changing the scraper blade

- Unscrew the two screws #16 using an Allen key #22 (included with delivery).
  - Remove scraper blade #17 / 18 / 19 or #20, and clean the scraper blade mount.
  - Insert scraper blades #17 / 18 / 19 or #20 in alignment, and tighten screws #16 with Allen key #22.
- Before installing the scraper blades, make sure that all components are free from dirt!

