OPERATING DOCUMENT

INSTALLATION & OPERATION

Read before first use · Rev. 1.0, November 2026

Before you start

- Wear eye protection and a dust mask. Cleaning releases a dust cloud — that is the point of the machine, and the reason not to stand in front of it.
- Use regulated workshop air only. Never connect the unit directly to an unregulated line.
- Check the element before cleaning. If the pleats are torn, collapsed or soaked with oil, cleaning will not restore it.

WHAT IS IN THE BOX

- Cleaning unit — rotary head, regulator, analogue gauge, relief valve
- Base positioning plate Ø305 mm, 50 mm thick
- Stainless steel operating rod Ø20 × 600 mm
- Top protective disc Ø100 mm
- Hose connection, 80–180 mm clamping diameter

OPERATION — FOUR STEPS

01 **Set the element**

Centre the cylindrical filter on the Ø305 mm base plate. The open bore should face up, toward the rotary head.

02 **Adjust the positioning arms**

Set the plate to the element bore. The range is 100 mm to 300 mm; the arms should touch the inner wall without forcing it.

03 **Set the pressure**

Connect the workshop air line and open the regulator. Start low and raise it until dust stops leaving the pleats. Read the working value on the gauge.

04 **Open the valve**

The head rotates and the element is evacuated from the inside out. Hands free — do not hold the element down. Work from the side, not in front of the outlet.

SETTING THE PRESSURE

There is no single correct number. Fine paper wants less pressure than a heavy-duty element, and a saturated element needs less than a dry one. The gauge exists so the decision is made with a reading, not a guess: raise the regulator slowly until dust stops leaving the pleats, then stop.

If the element starts to flutter or the head stalls, the pressure is too high or the air supply is too small.

DAILY CARE

- Blow the unit down after use; dust settles in the head and the plate.
- Check the relief valve moves freely — it should bleed rather than seize.
- Inspect the hose clamp and the rod thread for wear once a month.
- Store indoors. The head is aluminium and the rod is stainless, but the gauge is not.

IF SOMETHING IS WRONG

Symptom	Likely cause	What to do
Head does not rotate	Not enough air flow, or a blocked inlet	Check the line and the regulator; confirm the valve is fully open
Element tears	Pressure too high for the media	Lower the regulator and pass again more slowly
Dust stays in the pleats	Pressure too low, or the element is oil-soaked	Raise pressure gradually; replace oil-contaminated elements

SUPPORT

Send a photo or short video of the fault with the unit in front of you — it is faster than a description. Spare parts and consumables can be shipped separately.

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