PNEUMATIC ROTARY

AIR FILTER CLEANER

Technical specification sheet · Rev. 1.0, November 2026

A bench-mounted cleaner for cylindrical air filter elements. Compressed air enters through a regulator, spins a cleaning head at up to 6,600 RPM, and drives a vortex through the element from the inside out. Dust leaves the pleats; the media stays intact.

The element sits on a Ø305 mm base plate and is held by a positioning plate that adjusts across a 100–300 mm bore range, so one unit covers the standard filters on trucks, plant and farm machinery.

Purely pneumatic: no motor, no wiring, no electrical hazard on a wet wash bay.



SUPPLIED AS

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

6,600	Ø100–300	Ø305	0 V
RPM max head speed	mm bore range	mm positioning plate	purely pneumatic

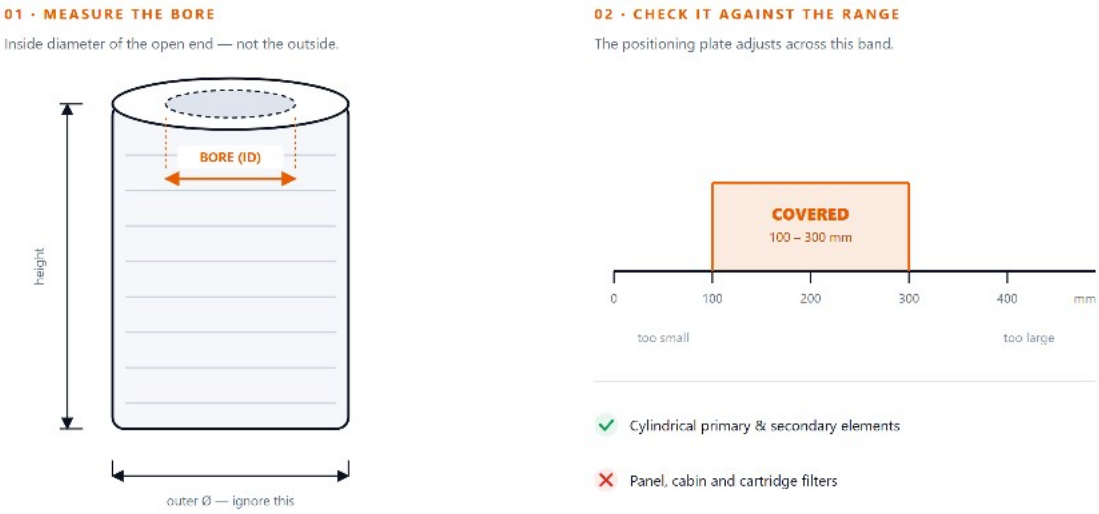
SPECIFICATION

Product name	**Pneumatic rotary air filter cleaner**
Power source	**Workshop compressed air**
Rotational speed	**Up to 6,600 RPM**
Base positioning plate	**Ø305 mm · 50 mm thick**
Positioning range	**100 mm – 300 mm**
Main operating rod	**Stainless steel Ø20 × 600 mm**
Top protective plate	**Ø100 mm disc**
Hose clamping diameter	**80 mm – 180 mm**
Pressure control	**Integrated regulator + analogue gauge**
Safety protection	**Automatic overpressure relief valve**
Construction	**Aluminium head, stainless operating rod**
Electrical requirement	**None**

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WILL IT FIT?

Measure the inside bore of the open end — not the outside. The outside diameter is irrelevant: a Ø400 mm element with a Ø180 mm bore fits this machine.



WHAT IT IS NOT

Not a washer. It removes dry dust — silica, road grit, harvest chaff. It does not remove oil mist, soot or water contamination; those elements still need replacing.

Not universal. Cylindrical elements only. Panel, cabin and cartridge filters have no bore to centre and are outside what this machine is built around.

Not a repair. If the pleats are torn, collapsed or soaked, cleaning will not bring the element back. The cleaner protects sound media.

WHERE IT IS USED

- Heavy trucks and fleet depots
- Tractors and combine harvesters
- Cranes and construction rigs
- Industrial stationary compressors
- Excavators and wheel loaders
- Mining and quarrying equipment
- Diesel generators and power units
- Equipment rental service centres

ORDERING

Send the filter types or model numbers, the bore and height of the elements you service, the quantity you have in mind and the destination country. You get technical confirmation plus an FOB or CIF price within 12 hours.

OEM / ODM: private label, custom manuals, printed export cartons. FCL, LCL and air freight. Sample units available for evaluation.