

THE TECHNOLOGY  
OF THE FUTURE



- Constant functional availability due to automatic cleaning of filtering surface
- Reduction of filling time
- Intelligent fully automatic control with after-cleaning
- Favourable price / performance ratio

# KURZ CARTRIDGE FILTER

THE COMPRESSED AIR-CLEANED  
SILO DEAERATION FILTER





## KURZ PERFORMANCE SPECTRUM

SILOS AND SILO  
SYSTEMS FOR:

- ROCK AND SOILS /  
RAW MATERIAL  
PROCESSING
- CONCRETE
- MORTAR, PLASTERS  
AND PAINTS
- ASPHALT
- SILO SYSTEM  
CONSTRUCTION /  
BULK MATERIAL  
MANAGEMENT

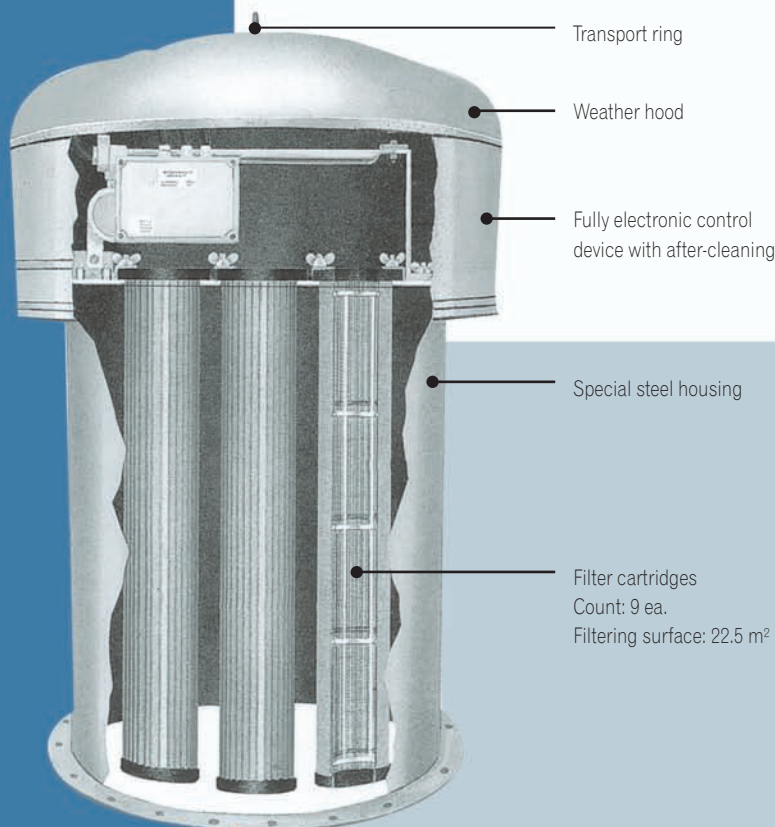
## KURZ CARTRIDGE FILTER PF 22/I AND PF 31/I

### THE KURZ CARTRIDGE FILTER CLEARS THE AIR

#### Technical data:

Compressed air-cleaned CARTRIDGE FILTER	
Filtering surface PF 22/I	22,5 m <sup>2</sup>
Filtering surface PF 31/I	31 m <sup>2</sup>
Filter material	Polyester fleece
Number of cartridges	9
Compressed air pressure	3,5 bis 6 bar
Consumption	approx. 3 – 4 Nm <sup>3</sup> per filling in normal condition
With fan (optional)	1500 Nm <sup>3</sup> /h extraction volume
Cleaning interval	10 sec.
Number of valves	3
Working height for cartridge replacement	ca. 1 m
Filter casing	800 mm
Overall height	1500 mm
Total weight	100 kg
After-cleaning	every 250 sec.
Integrated control device	fully electronic
Compressed air connection	R 1/2"
Control voltage	24 VDC
Mains voltage	230 VAC 50 Hz

- The **KURZ CARTRIDGE FILTER** ensures clean, clear air when the silo is filled with dry bulk materials.
- The **KURZ CARTRIDGE FILTER** ensures that the material injection procedure from the silo vehicle can be carried out at maximum level, reducing filling times.
- The filter elements are continuously cleaned with compressed air, so that their full filtering capacity is always available. The time intervals and pressures of the intelligent after-cleaning feature are adjustable.
- The **KURZ CARTRIDGE FILTER** requires very little maintenance servicing due to the high quality of the materials and design. The rotating or tipping filter elements are easily replaced.



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