ProJet smart®

Die wirtschaftliche Lösung

Product information

INTENSIV FILTER
HIMENVIRO™
Environmental Technologies
WE CARE FOR AIR

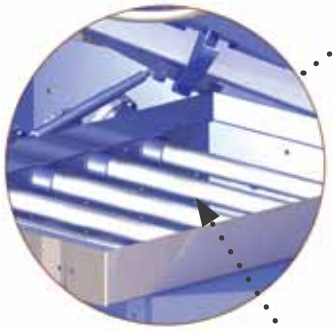
DUST REMOVAL TECHNOLOGY + FILTRATION

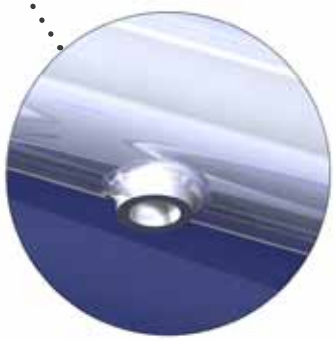
Profitable

- Complete solution including fan, silencer and cleaning control system
- Known and high Intensiv-Filter quality
- Well-arranged documents for your choice
- Well-priced
- Quickly on your disposal

Safe

- Optimal protection of high-value valve blocks and related control systems within enclosures
- Including ladder and railings



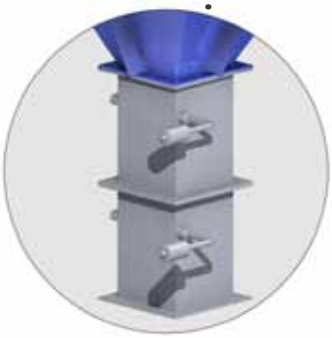


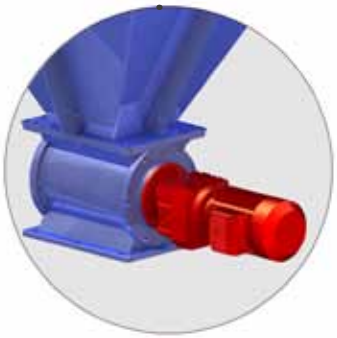
Unique

- ProTex energy saving filter media
- Cleaning with „Ideal nozzle"

Variabel

- Discharge optional with rotary valve or double pendulum flap
- Bag fastening optional with snapring or wire ring with tension bar
- Optional different supporting levels





All-Inclusive equipment

Features	ProJet smart® Aufsatzfilter	ProJet smart® Kompaktfilter
Jet-Pulse cleaning control system	✓	✓
Injector system with „Ideal nozzle" at the injector tube and inlet nozzle at the bag entry	✓	✓
Compressed air reservoir with integrated diaphragm valves	✓	✓
Compressed air maintenance unit with filter and pressure reducer	✓	✓
Differential pressure measurement with U-tube manometer	✓	✓
ProTex energy-saving filter media (nominal diameter 130 mm)	✓	✓
Supporting cages, galvanised design	✓	✓
Entry to the clean gas area via cover door	✓	✓
Fan flanged on the clean gas chamber	✓	✓
Silencer with splitter, galvanised perforated plate	✓	✓
Inspection railing with integrated safety device	✓	✓
Ladder with slip-resistant steps (from 3 m mounting height with rear protection)	✓	✓
Supporting structure with base plate	✓	✓
Dust collection area with inspection opening	✓	✓
Discharge device		✓

Options

- Reinforced dust collection area for 100 per cent filling (in reference to height)
- Bypass duct/ -valves for bunker filter
- Bag fixing with snap ring or wire ring with tension bar
- Pre-assembled for trucking or containerisation

The economical compact filter and bunker filter

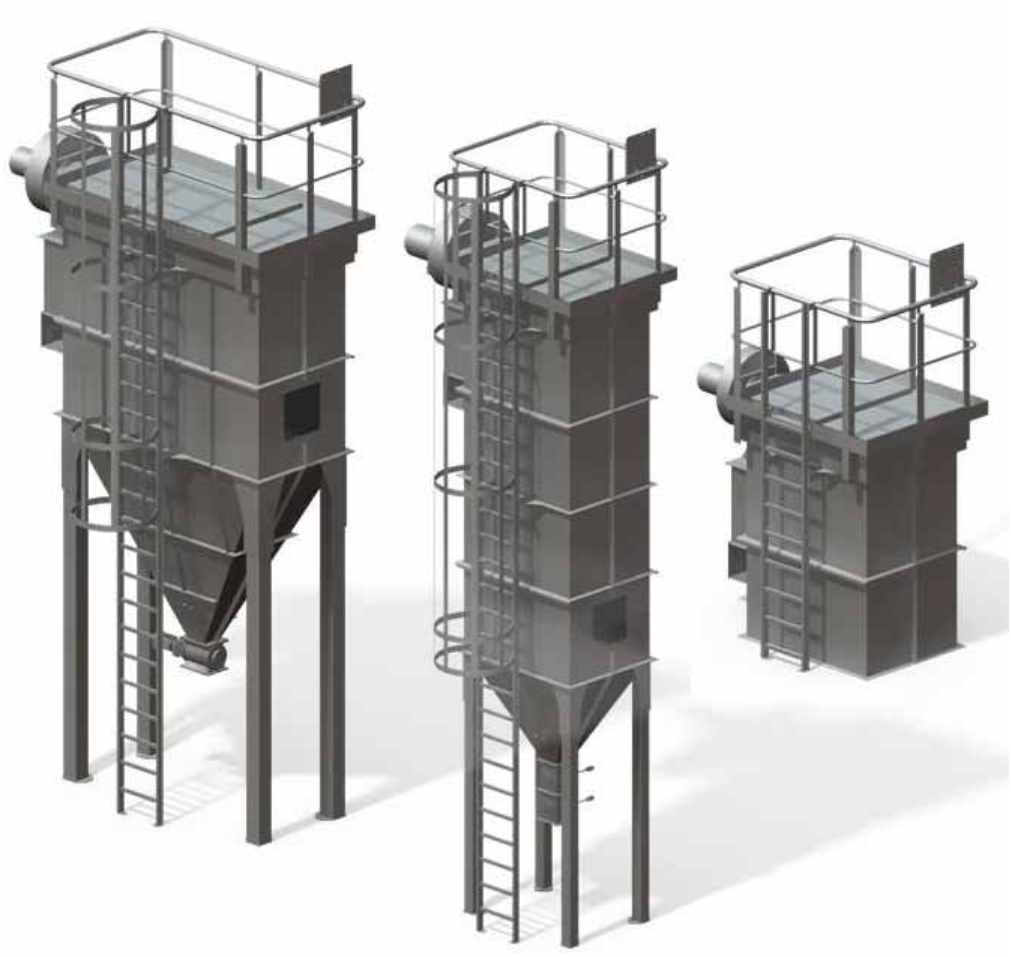
Bag filter of the type series ProJet smart® are specially modern and tailor-made solutions for volume flows from 2,000 m3/h a.c. to 20,000 m3/h a.c. The range includes filtering solutions with dust collection hopper or as silo / bunker filter. The modular system comprises four filter head sizes which can be combined with four filter bag lengths. The particularly compact bag filters are available as electrical and pneumatical ready-for-connection series filter, including fan, silencer and JetBus filter control.

Equipped with ProTex energy saving filter media

The serial equipment contains ProTex® PES filter bags with a diameter of 130 mm in a vertical arrangement. ProTex, a high quality microfibres with a special needle punching technique, guarantee an optimal surface filtration and low residual pressure drop. Using ProTex, the filter pressure drop can be reduced compared to conventional filter media. In addition, the pressure increase within one filtration cycle will be reduced significantly. Based on the entire filtering installation, the guaranteed values for energy consumption and operating costs can be reduced. Alternatively, the filter system capacity can be increased with ProTex – while investment and operating costs remain the same.

The cleaning

The cleaning is carried out with the well-known efficient Intensiv-Filter jet-pulse technology with air flow approaching the filter bags in sedimental direction of the particles. A high separation output is achiedved due to the high-efficient Intensiv-Filter injector system The low necessity of maintenance with high reliabilty is a decisive factor when reducing operating costs.



Intensiv-Filter Himenviro GmbH
Voßkuhlstraße 63 • 42555 Velbert-Langenberg
Germany
✆ +49 2052 910-0 • 🖷 +49 2052 910-248
www.intensiv-filter.com • if@intensiv-filter.com

PI.11.011 EN • 11.16-200