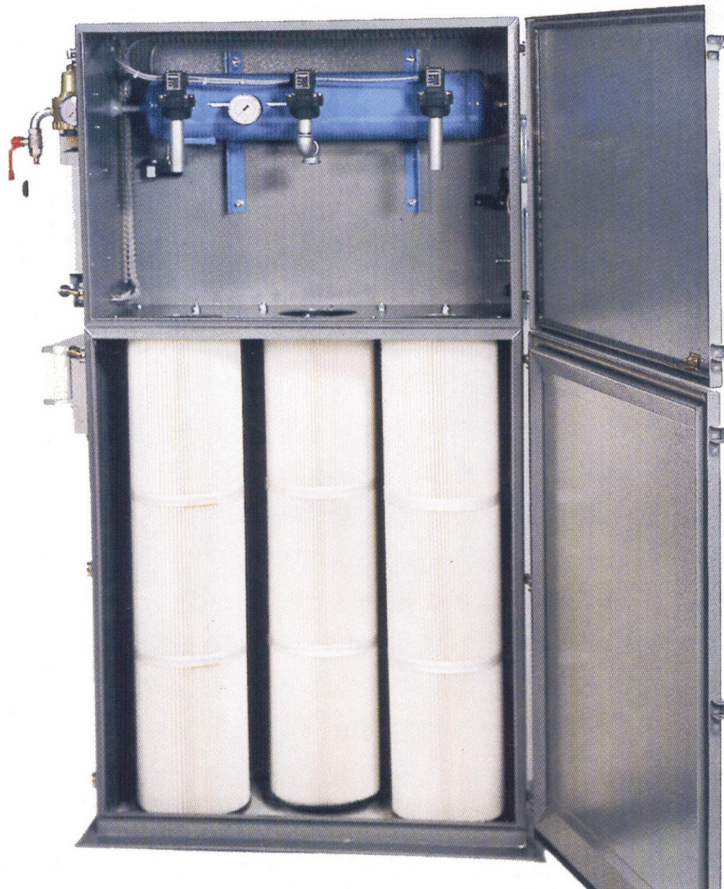


FOR EFFICIENT JET-LOADER DEDUSTING WHEN LOADING SILO VEHICLES AND CONTAINERS.



Loading filter is available in explosion proof design

The BELFI is a loading filter used to directly dedust and recycle dust when loading silo vehicles and containers with jet-loaders.

Areas of Application

Other areas of application, e.g. dedusting of conveyors, elevator dedusting, etc.

Details / Explanation

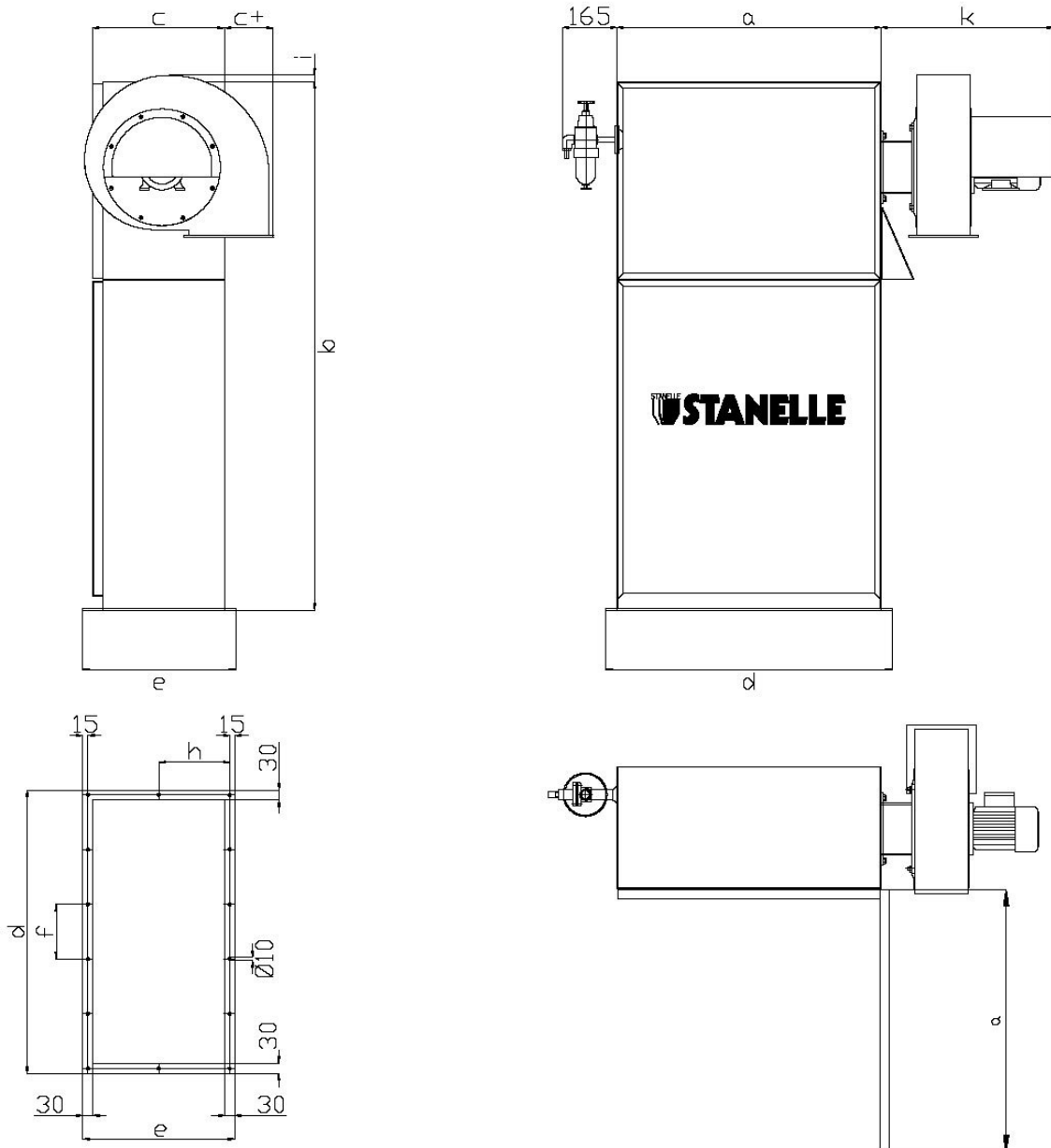
- Efficient loader dedusting.
- Compact design.
- Easy access for convenient cleaning and maintenance.
- Various solenoid voltages.
- Automatic recycling of filtered dusts – no hazardous waste.

- Filter box made of steel, plastic coated, hammer tone silver grey.
- **Other materials, e.g. stainless steel available**

Finish

Dimensions Belfi

| Filter area m ² | 10,5 | 15 | 18 |
|---|---------|---------|------|
| Jet-Loader loading capacity m ³ /h | 100 | 150 | |
| Ventilator capacity Nm ³ /h | 600 | 900 | 1300 |
| A | 600 | 800 | |
| b | 1440 | 1640 | 1840 |
| c | 300 | 400 | |
| d | 660 | 860 | |
| e | 330 | 460 | |
| f | 6 x 105 | 5 x 166 | |
| h | 3 x 100 | 2 x 215 | |
| i | 200 | 200 | |
| k | 520 | 530 | 520 |
| l | | 148 | 125 |
| m | 65 | 25 | 40 |
| n | 1040 | 1170 | 1330 |



Technical Data Belfi

| Filter area m ² | 10,5 | 15 | 18 |
|-----------------------------|------------------------|-----|-----|
| Capacity Nm ³ /h | 500 | 750 | 900 |
| Maximum temperature | 130° C | | |
| Filter cartridges/pcs. | 3 | | |
| Filter medium | Polyester | | |
| Solenoid valves/pcs. | 3 | | |
| Operating pressure | min. 3 bar, max. 4 bar | | |
| Air connection/mm | ø 12 | | |
| Actuation air | 95 Nltr/min. | | |
| Weight kg | 85 | 120 | 135 |

Article Number

| Filter area m ² | 10,5 | 15 | 18 |
|----------------------------|------------|------------|------------|
| Article Number | 722 10 241 | 722 10 251 | 722 10 261 |

Accessories For Belfi

| Filter control FST | Article Number |
|--|----------------|
| <p>To control up to 4 solenoid valves in filtration systems. The break time between single dedusting impulses, which depends on the dust concentration, can be adjusted by a potentiometer on the front plate of the control panel.</p> <p>A last cleaning cycle is actuated automatically after deactivating the control impulse.</p> <p>Control voltage: 230 V/AC Solenoid valve voltage: 24 V/AC</p> | 881 10 170 |

Various voltages and explosion proof versions of ventilator and solenoid valve coils are available!

Notice



Additional sizes and options (e.g. construction that is pressure surge protected) can be tailored to your special application!

When placing an order please define the materials which are mixed in your silo system (e.g. cement, lime etc...)