

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

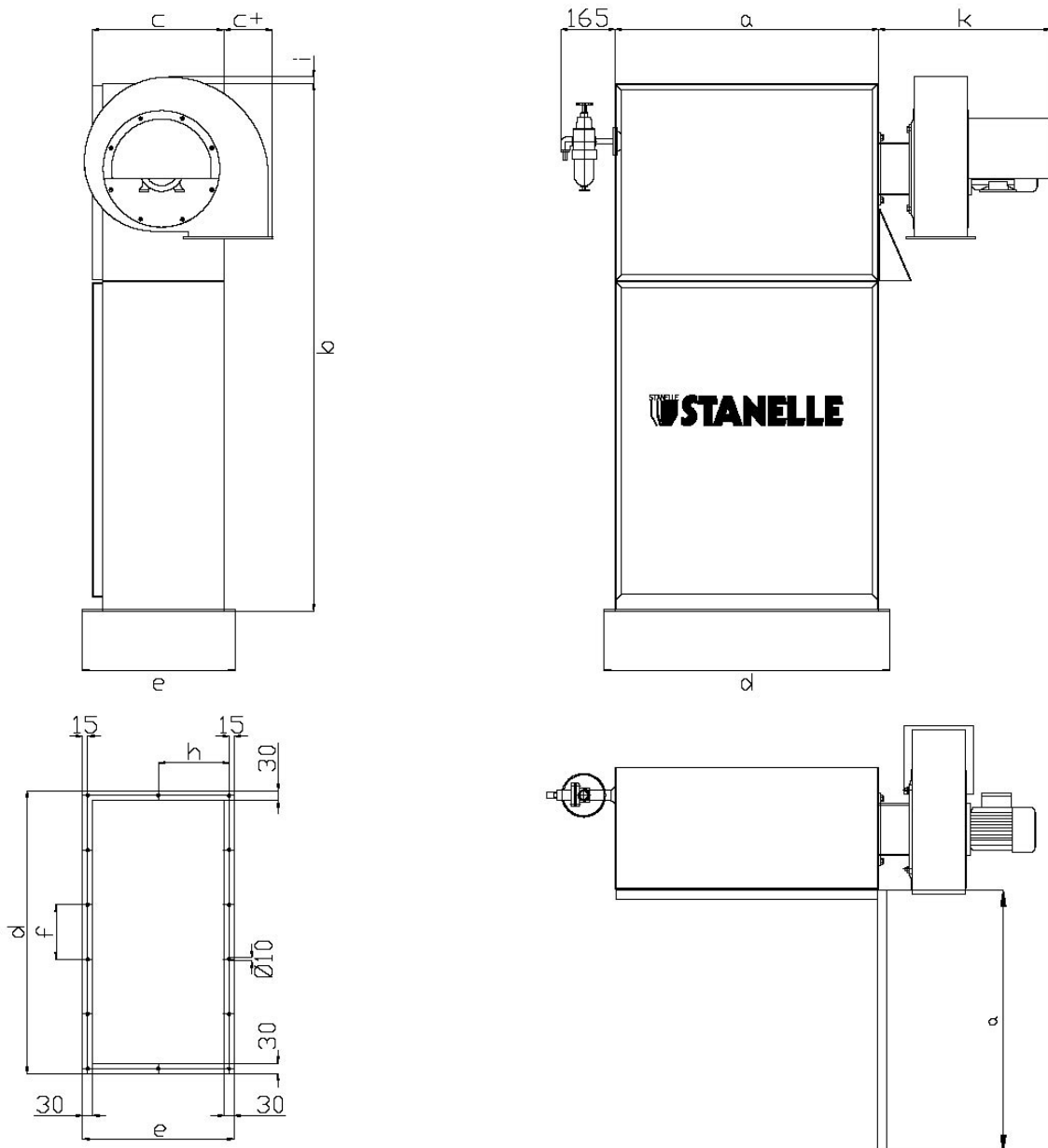
- Efficient loader dedusting.
- Compact design.
- Easy access for convenient cleaning and maintenance.
- Various solenoid voltages.
- Automatic recycling of filtered dusts – no hazardous waste.

- Filter box made of steel, lacquered, 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 m²	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 m²	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...)