

**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**

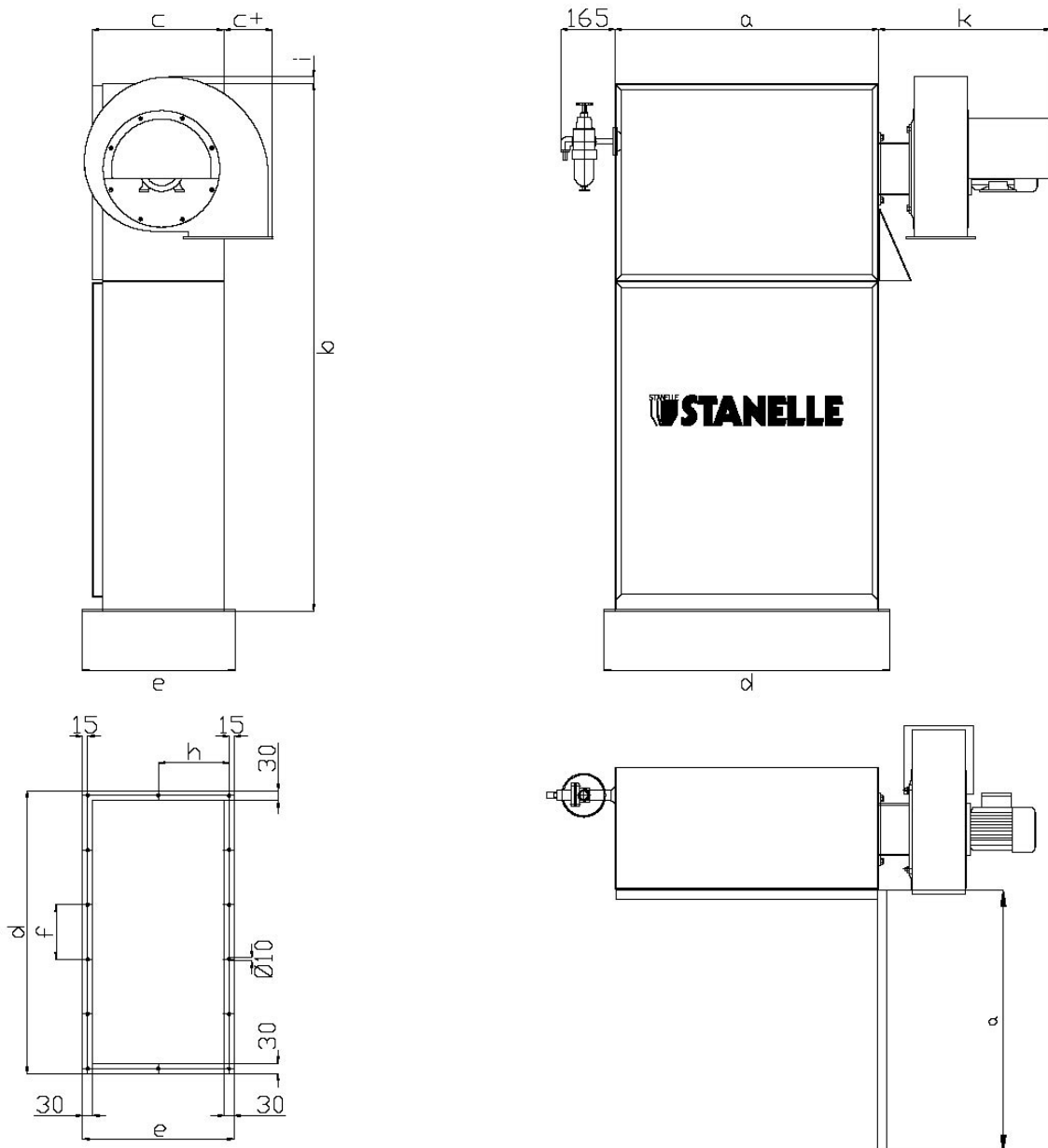
- Efficient loader dedusting.
- Compact design.
- Easy access for convenient cleaning and maintenance.
- Various solenoid voltages.
- Automatic recycling of filtered dusts – no hazardous waste.

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

**Finish**

Dimensions Belfi

Filter area m <sup>2</sup>	10,5	15	18
Jet-Loader loading capacity m <sup>3</sup> /h	100	150	
Ventilator capacity Nm <sup>3</sup> /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**

<b>Filter area m<sup>2</sup></b>	<b>10,5</b>	<b>15</b>	<b>18</b>
Capacity Nm <sup>3</sup> /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**

<b>Filter area m<sup>2</sup></b>	<b>10,5</b>	<b>15</b>	<b>18</b>
Article Number	722 10 241	722 10 251	722 10 261

**Accessories For Belfi**

<b>Filter control FST</b>	<b>Article Number</b>
<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...)**