

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



Loading filter is available in explosion proof design

The loading filter type BELFI is used for direct dedusting and dust recirculation when loading silo vehicles and containers with a jet loader.
Other applications, such as belt transfer point dedusting, elevator dedusting.

Areas of application

- Efficient loader dedusting
- Compact design
- Easy access for convenient cleaning and maintenance
- Filter dusts are returned to the bulk material - no hazardous waste is produced
- Optional vacuum flap / optional tuned filter controller

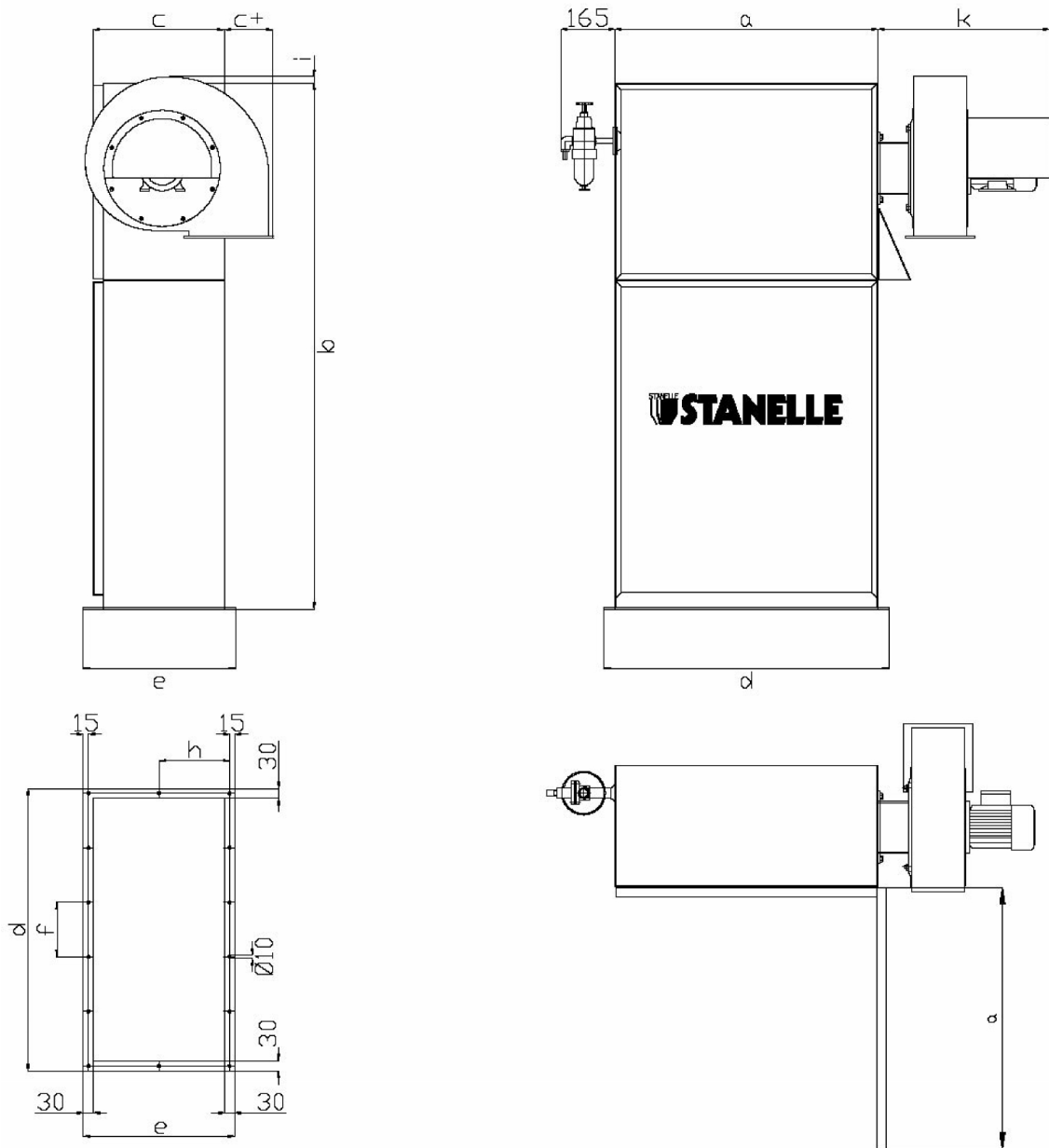
Details / Explanation

- Rust removal: SA 2,5
- Primer: 2K; 40µm
- Top coat: 2K; RAL 9006; 40µm

Finish

Dimensions Belfi

Model	10	15	18	21
Jet loader Loading capacity m ³ /h	100	150		180
Fan suction capacity Nm ³ /h	600	900	1300	2000
a	600	800		
b	1440	1640	1840	1840 + 200
c / c+	300 / 150	400 / 148	400 / 126	400 / 126
d	660	860		
e	330	460		
f	6 x 105	5 x 166		
h	3 x 100	2 x 215		
i	50	20	12	12
k	520	525	520	520







Technical data Belfi

Model	10	15	18	21
Capacity Nm ³ /h	500	750	900	1050
Maximum temperature	120° C			
Filter cartridges / pcs.	3			
Filter medium	polyester			
Solenoid valves / pcs.	3			
Operating pressure	2,5 bar			
Air connection, mm	ø 12			
Actuation air	75 Nltr/min. with a break time of 20 sec.			
Weight, kg	85	120	135	155











Article number




Model	10	15	18	21
Article number	722 10 338	722 10 251	722 10 261	722 10 336

Clock control for Belfi

	Article number	
Control unit FST 3-4 Supply voltage 230V/AC Standard	881 10 206	
Control unit FST 3-4 Supply voltage 24V/DC Standard	881 10 240	
Filter control FST 3-4 Supply voltage 24V ATEX Zone 22 	881 10 265	

Equipment / Spare parts

Model	10	15	18	21	
Article number					
Filter cartridge SLP standard	722 010 172	722 10 001	722 10 158	722 10 171	
Filter cartridge SLP antistatic ATEX 	722 10 088	722 10 087	722 10 057	722 10 135	
Filter cartridge SLP by 150°C	722 10 325	722 10 218	722 10 183	On request	
Valve cover set without coil ATEX / 881 10 210 	881 10 268				
Valve cover set 24V/DC, consisting of diaphragm, electric coil	881 10 245				
Valve cover set 230 V/AC, consisting of diaphragm, electric coil	881 10 247				
Diaphragm for quick relief valve	881 10 246				
Magnetic valve, 24V/DC	881 10 245-01				
Magnetic valve, 230V/AC	881 10 247-01				
Valve cover	881 10 253				

Valve connector Typ BI, cables 2m	881 10 401	
Filter regulator G 1/2"	874 10 001	
Magnetic valve complete, 24V/AC / 24V/DC old filter version (up to year of construction. 2013)	on request	
Transition piece 90° S235JR from loader to filter Belfi 10	754 10 001	
Transition piece 60° S235JR from loader to filter Belfi 10	754 10 002	
Transition piece 90° S235JR from loader to Filter Belfi 15/18/21	754 10 003	
Transition piece 60° S235JR from loader to Filter Belfi 10 with internal cleaning	754 10 002-01	
Transition piece 60° S235JR from loader to Filter Belfi 15/18/21 with internal cleaning / pneumatic	754 10 004-01	

**For the corresponding BELFI filter sizes, different
VA stainless steel versions available.**

Notice



**Fan and solenoid valve coils voltage are variable and also available in
Ex-version!**

**Further sizes and applications according to your requirements, possible
on request!**

**When placing an order, please indicate the media to be pumped. e.g.
cement, lime, etc.**