

Receivers type P... for powdery bulk materials

**Stainless steel
construction**

Sturdy design

Easy to clean

**Simple interior
inspection**

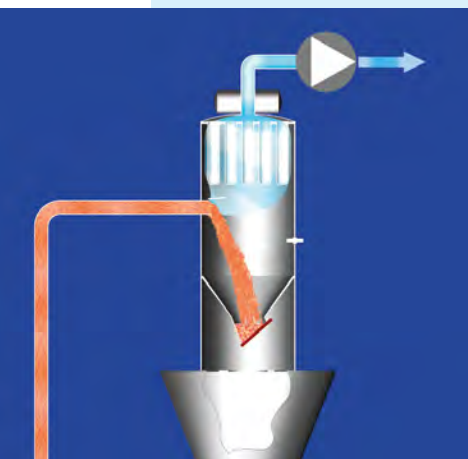
Preferred applications

For reliable feeding of powdery bulk materials to processing machines in the food, plastics and chemical industry. The materials can be picked up from e.g. sacks, drums, containers or silos. The type P... receivers are used as individual receivers, with a separate blower each, in discontinuous vacuum, low-velocity vacuum and dense-phase vacuum conveying systems. They are mounted on the batch hoppers of the processing machines where they serve for separating the bulk materials.

Special advantages

- Stainless steel construction
- Sturdy and perfected design
- Generously dimensioned filters ensure dust-free continuous operation
- Suitable for continuous operation due to compressed air purging of the filter
- No production stoppage due to a device indicating that the product supply at the feeding point is running low
- High functional reliability through electronic control and monitoring
- Can be completely dismantled for cleaning
- Simple filter interior via a swivelling device at the cover
- Depending on the case of application different filter materials are available: Textile raw materials or PE sintered materials with PTFE membrane

THE INNOVATION



How it works

When switching the blower on, a vacuum is generated causing the product to be transferred via the conveying line from the pickup point to the receiver. When the conveying phase has ended, the outlet valve opens and the product is discharged. A new conveying cycle starts when the level control in the outlet requests more product. The filter is purged by automatic compressed air pulses after each conveying phase, and the air escapes via the vent filter. The sequence of the operating cycles

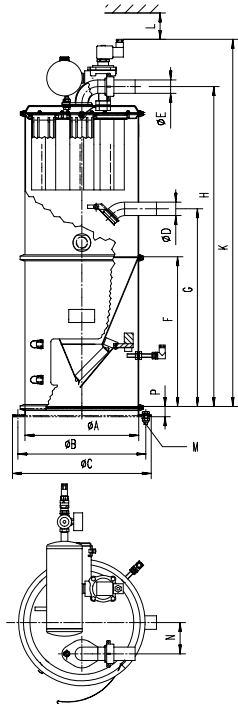
is controlled by a freely programmable or an electronic control system. The actual operating state is displayed at the electronic control.

Design

Filter with compressed air purging. Outlet with a swing-type valve and automatic request indicator, including clean air connection, electronic control or PLC control connection and clamping ring for mounting on customer's machine hopper.

Technical data

Receiver type P 235 and P 320



Type	Ø A	Ø B	Ø C	Ø D	Ø E	F
P235-38	235	290	310	38	38	222
P320-38	320	360	390	38	38	421
P320-50	320	360	390	50	50	421
P320-65	320	360	390	65	65	421

Type	G	H	K	L	M	N	P
P235-38	377	713	821	180	4xM8	57	26
P320-38	556	900	1033	150	8xM10	88	26
P320-50	751	1339	1426	220	8xM10	88	26
P320-65	726	1360	1426	220	8xM10	90	26

Type	Filter in m ²		Filter length in mm		Capacity in litre	Outlet* Ø	Weight in kg
	Hose filter	Sinter filter**	Hose filter	Sinter filter**			
P235-38	0.18	0.12	215	210	5	115	~ 22
P320-38	0.35	0.24	215	210	11	115	~ 25
P320-50	0.70	0.50	415	410	25	115	~ 35
P320-65	0.70	0.50	415	410	22	115	~ 36

* Funnel-shaped outlet with swing valve

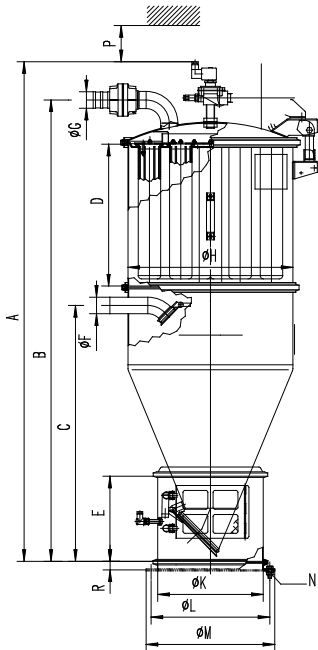
** Not suitable for use with foodstuffs, no FDA approval

Vacuum conveying up to approx. 0.8 bar vacuum

Space requirements

L = Filter removal

Receiver type P 500



Type	A	B	C	D	E	Ø F	Ø G
P500-50	1511	1399	776	430	260	50	50
P500-65	1805	1680	766	724	260	65	65

Type	Ø H	Ø K	Ø L	Ø M	N	P	R
P500-50	500	320	360	390	8xM10	400	26
P500-65	500	320	360	390	8xM10	600	26

Type	Filter in m ²		Filter length in mm		Capacity in litre	Outlet* Ø	Weight in kg
	Hose filter	Sinter filter**	Hose filter	Sinter filter**			
P500-50	1.5	1.10	415	410	47	155	~ 70
P500-50	—	1.56	—	410			
P500-50	—	1.94	—	410			
P500-65	2.5	2.00	715	710	47	155	~ 80
P500-65	—	2.80	—	710			

* Funnel-shaped outlet with swing valve

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Vacuum conveying up to approx. 0.8 bar vacuum

Space requirements

P = Filter removal