

Receivers type PK... for flow-resistant bulk materials

**Stainless steel
construction**

Sturdy design

Easy to clean

**Simple filter
inspection**

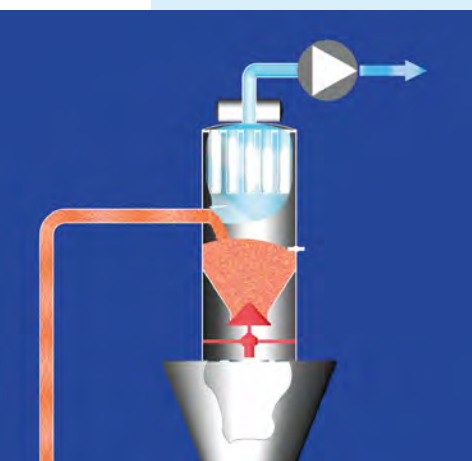
Preferred applications

For reliable feeding of flow-resistant bulk materials to processing machines in the food, plastic and chemical industry. The bulk materials can be picked up from e.g. sacks, drums or silos. The type PK... 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 inspection 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 cone 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

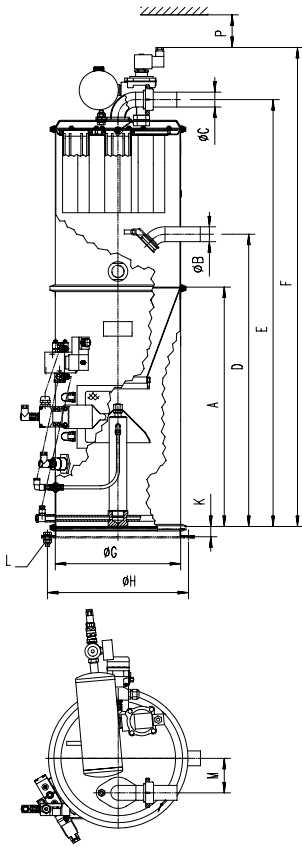
is controlled by a freely programmable or an electronic control system. The actual operating state is displayed at the electronic control.

Design

Filter with compressed air purging. Outlet with conical valve operated via compressed air, conveying and clean air connection, electronic control or PLC control connection. Strong clamping ring for mounting on customer's machine hopper. All parts in contact with product of stainless steel, roll-bright and polished surfaces, ground welding seams.

Technical data

Receiver type PK 320



Type	A	Ø B	Ø C	D	E	F
PK320-38	611	38	38	746	1092	1225
PK320-50	611	50	50	941	1529	1620
PK320-65	611	65	65	916	1550	1620

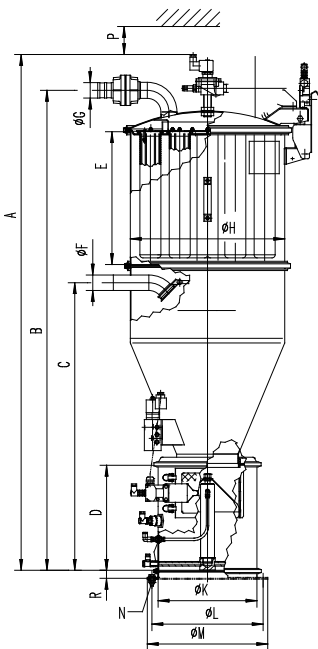
Type	A	Ø B	Ø C	D	E	F	P
PK320-38	611	38	38	746	1092	1225	26
PK320-50	611	50	50	941	1529	1620	26
PK320-65	611	65	65	916	1550	1620	26

Type	Filter in m ²		Filter length in mm		Capacity in litre	Weight in kg
	Hose filter	Sinter filter**	Hose filter	Sinter filter**		
PK320-38	0,35	0,24	215	210	10	~ 36
PK320-50	0,70	0,50	415	410	25	~ 42
PK320-65	0,70	0,50	415	410	22	~ 45

* Not suitable for use with foodstuffs, no FDA approval
 Outlet: Pneumatically operated conical valve
 Vacuum conveying up to approx. 0.8 bar vacuum

Space requirements
 P = Filter removal

Receiver type PK 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	Weight in kg
	Hose filter	Sinter filter**	Hose filter	Sinter filter**		
PK500-50	1,5	1,10	415	410	47	~ 72
PK500-50	---	1,56	---	410		
PK500-50	---	1,94	---	410		
PK500-65	2,5	2,0	715	710	47	~ 83
PK500-65	---	2,8	---	710		

* Not suitable for use with foodstuffs, no FDA approval
 Outlet: Pneumatically operated conical valve
 Vacuum conveying up to approx. 0.8 bar vacuum

Space requirements
 P = Filter removal