

## Receivers type A... for granular and powdery bulk materials

**Stainless steel  
construction**

**Sturdy design**

**Easy to clean**

**Simple interior  
inspection**

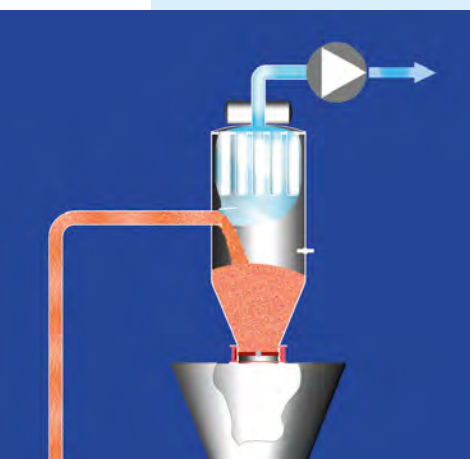
### Preferred applications

For reliable feeding of granular and 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 A... 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

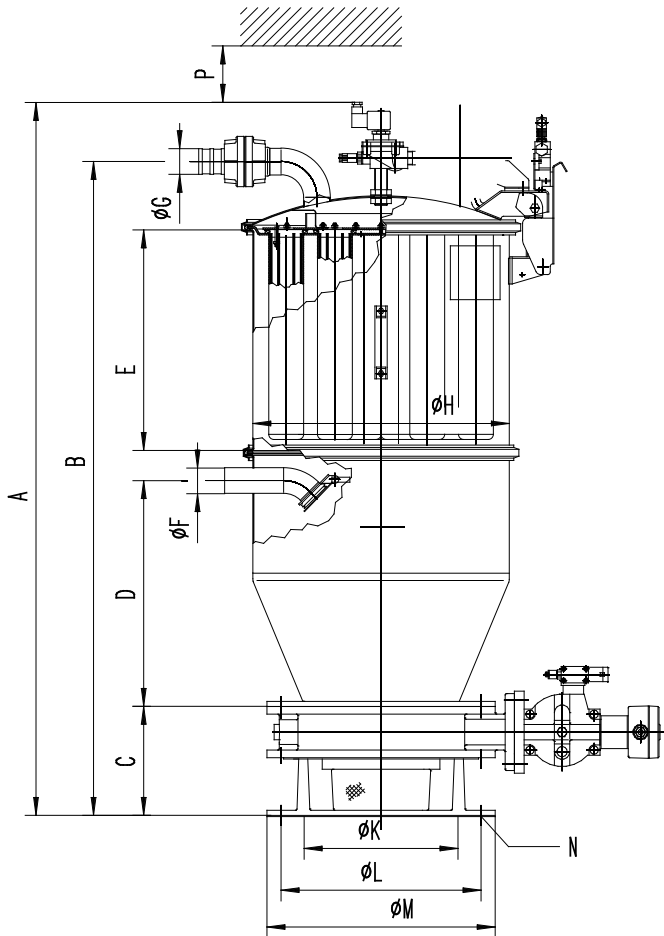
When switching the blower on, a vacuum is generated causing the product to be transferred via the conveying line from the pickup point to the receiver. When the conveying phase has ended, the outlet valve opens and the product is discharged. A new conveying cycle starts when the level control in the outlet requests more product. The 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 discharge flap operated by compressed air, vent filter. Including clean air connection, electronic control or PLC control connection. Mounted on customer's machine hopper by means of screws. All parts in contact with product of stainless steel, roll-bright and polished surfaces, ground welding seams.

## Technical data



### Receiver A 500-50 and A 500-50 M

|                 |                                      |
|-----------------|--------------------------------------|
| Filter:         | 1.50 m <sup>2</sup> (hose filter)    |
|                 | 1.10 m <sup>2</sup> (sinter filter*) |
|                 | 1.56 m <sup>2</sup> (sinter filter*) |
|                 | 1.94 m <sup>2</sup> (sinter filter*) |
| Filter length:  | 415 mm (hose filter)                 |
|                 | 410 mm (sinter filter*)              |
| Capacity:       | 47 litres                            |
| Used for:       | Powders, granular bulk materials     |
| Outlet:         | Outlet valve Ø 300                   |
| Net weight:     | ~ 98 kg with valve                   |
| Vac. conveying: | Up to approx. 0.8 bar vacuum         |

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

### Receiver A 500-65 and A 500-65 M

|                 |                                     |
|-----------------|-------------------------------------|
| Filter:         | 2.5 m <sup>2</sup> (hose filter)    |
|                 | 2.0 m <sup>2</sup> (sinter filter*) |
|                 | 2.8 m <sup>2</sup> (sinter filter*) |
| Filter length:  | 715 mm (hose filter)                |
|                 | 710 mm (sinter filter*)             |
| Capacity:       | 47 litres                           |
| Used for:       | Powders, granular bulk materials    |
| Outlet:         | Outlet valve Ø 300                  |
| Net weight:     | ~ 109 kg with valve                 |
| Vac. conveying: | Up to approx. 0.8 bar vacuum        |

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### Space requirements

P = Filter removal

| Type    | A    | B    | Ø C   | D   | E   | Ø F | Ø G | Ø H | Ø K | Ø L | Ø M | N      | P   |
|---------|------|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|
| A500-50 | 1390 | 1275 | 212,5 | 440 | 430 | 50  | 50  | 500 | 300 | 390 | 445 | 12xM14 | 400 |
| A500-65 | 1685 | 1557 | 212,5 | 430 | 724 | 65  | 65  | 500 | 300 | 390 | 445 | 12xM14 | 600 |