

solids Vacuum batch conveyor Vacu Fill

Hygienic Design

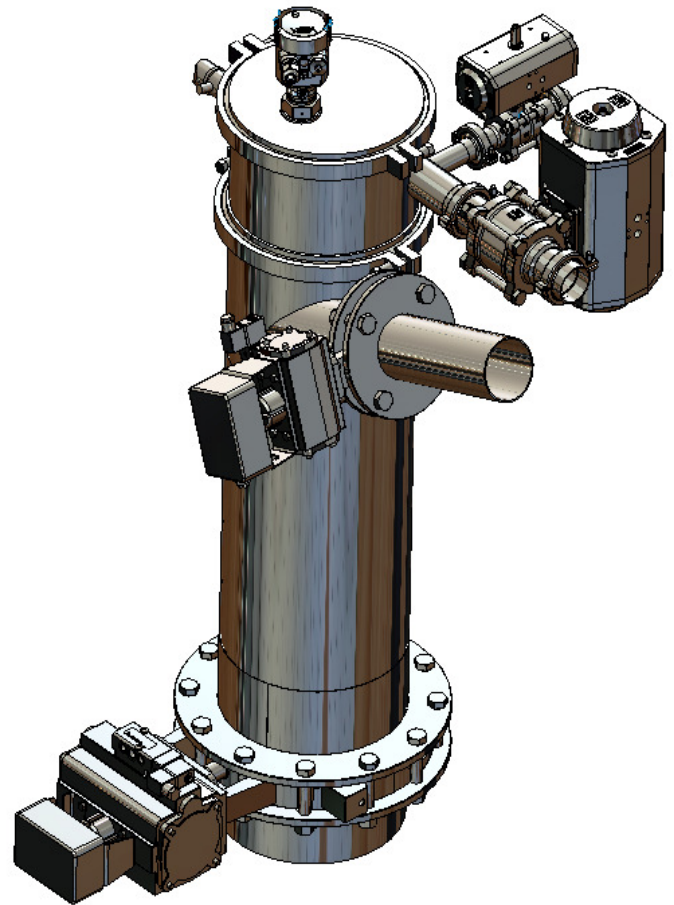
For Food-, Pharma, Chemical-Industry



The hygienic vacuum batch conveyor for pneumatic vacuum conveying.

Alternating the filling and emptying.

- Hygienic Design acc. EU-guidelines and directives
- fulfills GMP- und FDA-requirements
- stainless-steel design in appropriate alloy
- cavity free, easy to clean
- CIP – capable, piggable
- mounting connections free of dead spots
- seals FDA-approved
- surfaces with defined roughness high
- Material exit as disc valve which is free of dead spots
- fulfills DIN EN 1672-2 hygienic requirements of food stuff machines
- product gentle and low-wear conveying
- Cost-effective solution when space is limited
- Completely emptied by pressure pulse from the filter cleaning



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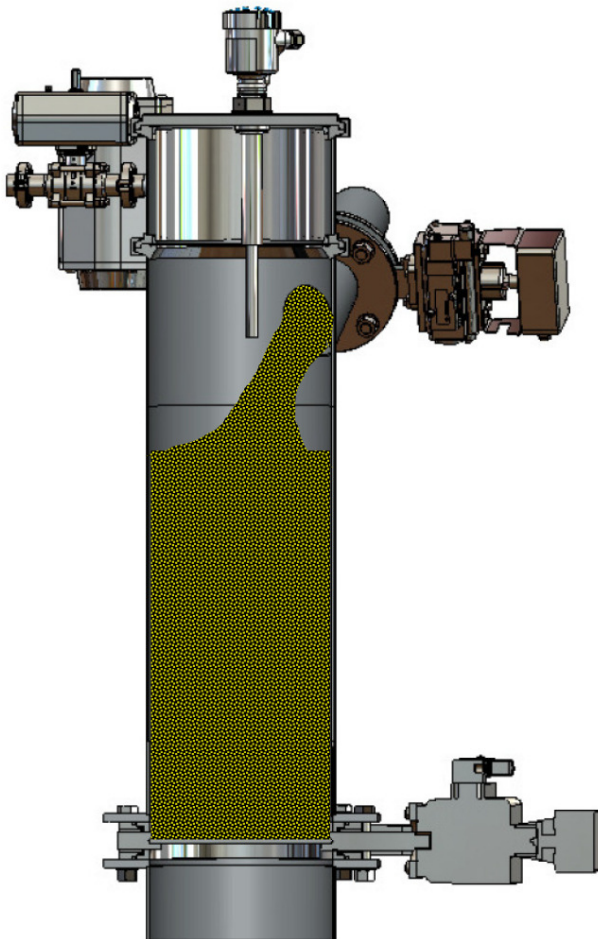
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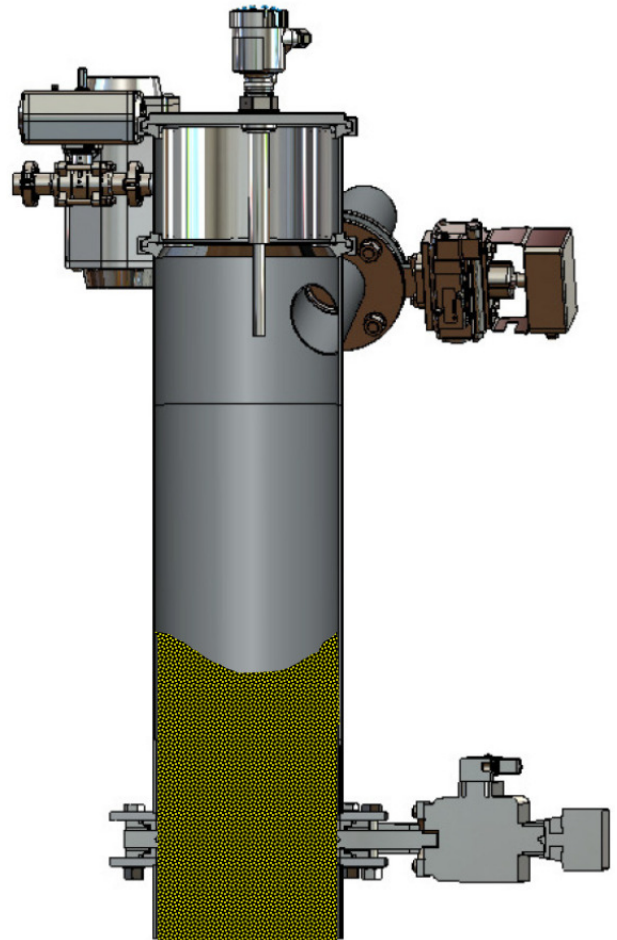


Operation sequence:

The vacuum batch conveyor TSF is evacuated with the vacuum pump for pneumatic conveying. The required negative pressure is adjustable and depends on the product features and the conveying way.



The “product inlet” valve opens for sucking the bulk solid. The generated vacuum now sucks the bulk solid by dense phase into the vacuum batch conveyor TSF.



After switching by the level indicator, the “product inlet” valve closes and the “discharge valve” opens. The discharge process is supported by the filter cleaning.

After completing the discharge process, the vacuum batch conveyor is evacuated again, and the sequence is repeated.



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