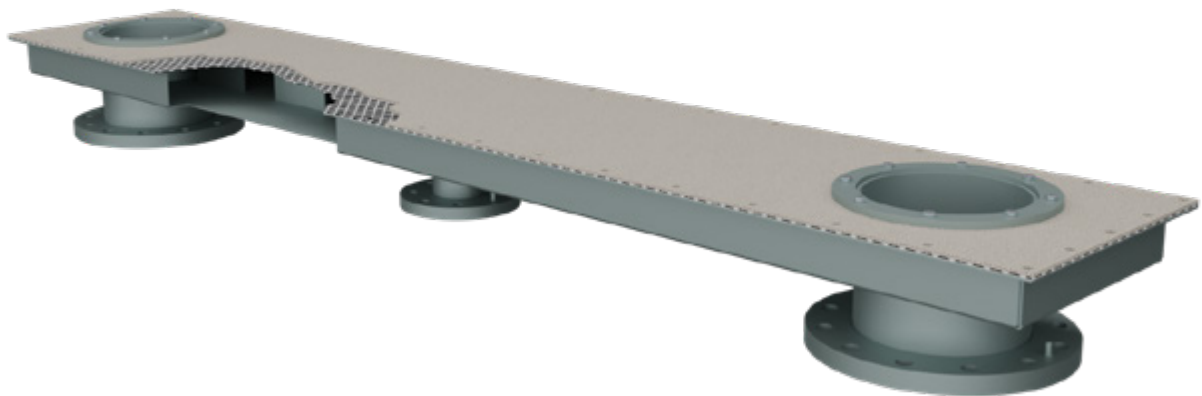


## Fluid Channel

Poorly flowing bulk materials

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Fluid Channels are used in silos or bunkers where poorly flowing bulk materials are stored. The Fluid Channel is installed with a slight incline and, thanks to the large-area ventilation, even poorly flowing products are discharged without any problems. The number of Fluid Channels is customized; this can range from individual channels in the cone for small containers to a comprehensive arrangement for large-capacity silos.



**Function**

If the air duct is pressurized with air, it penetrates evenly through the porous floor into the bulk material along the entire length of the channel. Each individual dust particle is surrounded by the air. These air cushions thus cancel out the adhesion of the dust particles to each other and reduce the wall friction to such an extent that the dust mixture is converted into a liquid-like state.

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**Experience**

- Simple design
- Long service life
- Large-scale ventilation

**Industries**

- Lime industry
  - Cement industry
  - Power plants
  - and many more
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**View from the side****View from above**