

New Technology:

Ultrasonic Discharging System with surface cleaning



Functionality

It often happens with fine, poorly flowing bulk materials and dusts, that they adhere to pipes, silos and container walls. This problem occurs in all branches of industry in the conveyance and storage of their raw materials and products. The solution to solve this problem is the new technology

The container or silo is excited by the ultrasonic vibrations and thereby prevents the product from sticking to the container wall. This system can be operated continuously or pulsating as required. The Ultra-Vario-Sonic system is attached to the critical parts by simply welding a curved sound conductor to the converter connection. It is possible to provide up to 4 converters at the same time only with one generator.



SD 8 or HP1
Converter



DGS Generator with Sweep
Technology

Your main benefits include...

- No baking or sticking of dry solids and bulk materials on the metallic inner surface
- Continuous product discharge
- Ideal for use with wall thicknesses of 2 - 4 mm
- No disturbing noises, no sound insulation necessary
- Low investment costs compared to other systems, low power consumption
- Can be retrofitted to silos at any time
- Small space requirement thanks to small sound transducers
- There are no cracks and damage, e.g. with vibrators or knockers
- Suitable for 24h operation
- ATEX 22 approved

