Using mass flow for silo discharge avoids dead zones and particle segregation, permits high loads

Advantages:
- Reliable discharging of difficult bulk solids
- Uniform material movement across the entire width of the silo
- No segregation
- Perfect mass flow without dead zones
- No bridging
- Gentle handling of the material to be discharged, without particle degradation
- Improved dosing precision
Function:
Horizontal vibrations, generated by an unbalanced motor, are transferred to the particle mass. The particles are accelerated; they collide and repel each other. This frees particles that have clogged together, and the bulk-solid is then capable of flowing.

Sizes: Ø 1200, 1500, 1800, 2100, 2400, 3000, 3600 mm
Characteristics:

1. Stable, vibration-resistant design, e.g. longitudinal and transverse ribs, especially in the drive section
2. Stable weld joints, fully penetrated and counter-weld
3. Suspension is both fall-safe and resilient to vibrations, by means of break-proof, forged hangers
4. A special profile collar, form-fit and dust-proof, connects the vibrating bottom with the rigid weld-on ring of the silo
5. Load-relief at the outlet

Detail: Hanger and Profile Collar