

VIBRATORS



Vibrators may seem like an affordable flow aid that is easy to retrofit, but can have hidden costs, limited efficiency, and frustrating maintenance issues



FUNCTIONALITY

- ▶ Vibrators use external agitation of the vessel or shaking to stimulate material flow
- ▶ Shaking breaks the friction to loosen material, and gravity finishes the job
- ▶ AirSweep uses internal activation through aeration.
- ▶ High-pressure, high-volume air pulses to lift stalled material back into the flow stream



NOISE LEVEL

- ▶ Very loud, irritating noise
- ▶ Makes a quick, ear-friendly "psst" or "pop"



MAINTENANCE COST

- ▶ Causes weld and metal fatigue, leading to vessel replacement/repair
- ▶ High electricity consumption
- ▶ No damage, vibration, stress or wear to vessel walls
- ▶ Only needs inspection every 6 months, and replacement of parts after 1,000,000 cycles
- ▶ Uses as little as 10 CFM of compressed air or gas
- ▶ Longest industry warranty – 7 years



WORKER SAFETY & CONVENIENCE

- ▶ High-current supply lines may be dangerous in some work environments
- ▶ Noise transmits through entire production area, adding to worker stress
- ▶ Safe, quiet and non-intrusive
- ▶ Can be cleaned and inspected without the use of tools
- ▶ Reduces workload: can be used to provide on-demand flow or automatic cleaning/flushing of vessels



MATERIAL CONTROL

- ▶ De-aerates and compacts some materials, creating rather than solving material flow problems
- ▶ Even if bridging is controlled, material build-up on bin walls requires periodic shutdowns for cleaning
- ▶ Effective for all kinds of material, including moist, sticky and heavy powders and bulk solids
- ▶ Fully clears each batch from the bin, ensuring first-in/first-out material flow with no cross-contamination

ASK US ABOUT OUR MONEY-BACK GUARANTEE AND ROI CALCULATION



YOUR AIRSWEEP® SOURCE:

