

## Vibration Products



### Electric Vibrators

A noiseless, heavy duty electric vibrator that can be force and speed adjusted while running. Unlike old-fashioned, noisy electro-magnetic vibrators, this newly developed silent motor vibrator can meet even the most stringent anti-noise pollution requirement. They are totally enclosed, continuous duty and completely noiseless. They can be used inside or outside, in dust, dirt, rain or snow.



### Pneumatic Ball Vibrators

Compressed air drives a highly chrome finished and hardened steel ball at a high rate of speed around a hardened, highly ground, and polished ball race creating high frequency vibration. Ball Vibrators require lubrication for long, trouble-free operation. They can be mounted directly to the structure to be vibrated or they can be mounted with simple mounting plates for better vibration transfer.



### Hydraulic Vibrators

Hydraulic vibrators operate in any position and are not affected by dirty, muddy or wet locations. They can operate on pressures up to 3000 PSI making them ideal to use with construction and form equipment for a variety of applications.



### Pneumatic Turbine Ball Vibrators

Turbine vibrators maintain 70-75 db's throughout their entire life, as compared to sharp increases in noise levels of ball roller and piston type vibrators. Because of their fool-proof operation and their lessening of noise in production areas, the Silent Air Turbine Vibrators have quickly become the specified and standard units for many industries and in many leading plants.



### Rail Car Shakers

Hydraulic vibrators operate in any position and are not affected by dirty, muddy or wet locations. They can operate on pressures up to 3000 PSI making them ideal to use with construction and form equipment for a variety of applications.



**Vibrators promote flow from bins and hoppers for all types of material - large aggregate to fine sand, powders, flakes, pills, bottle caps, asphalt, flour, salts, cement... you name it, VIBCO helps it flow.**

### **Material Flow Vibrators**

Vibrators are applied to improve the loading and unloading of bulk materials into-or out of-containers and trucks:

- Eliminate hang-ups and bottlenecks
- Discharge material more reliably, feed more consistently, sort more effectively, and compact more efficiently
- Reduce costs and enhance productivity
- More than 1,300 different models to solve material flow problems ranging from spice tins to rail cars
- Our Silent Turbine Vibrator is ultra-quiet, affordable replacement for noisy ball and piston vibrators

### **Concrete Vibrators for Production and Placement**

Vibrators help concrete to reach its rated strength by removing entrapped air. Vibrators are used in both the production and placement of concrete to:

- Improve the flow of aggregate, sand and cement... no more hangups
- Increase the consistency of batches by normalizing bin flow
- Improve the flow of mixed concrete through pump grates and down chutes
- Help to transport pumped or poured concrete evenly throughout the form

### **Mobile Vibrator Applications**

Vibrators assist work truck applications including dump trucks, dump trailers, sand and salt spreaders, agricultural spreaders, and mobile screens:

- Empty sticky/stubborn materials from dump beds and dump trailers without tailgate banging or over-hoisting
- Improve the flow of ice control mix on all sizes and styles of salt and sand spreaders
- Ensure the consistency of flow for agricultural spreaders (fertilizer, inoculant, etc.)
- Install quickly with easy mounting system, including mounting hardware, controls, and required accessories