



We're The **SILENT** Vibrator Guys.™

VIBRATOR APPLICATIONS BY INDUSTRY (where you find vibrators in use)

Asphalt Plants

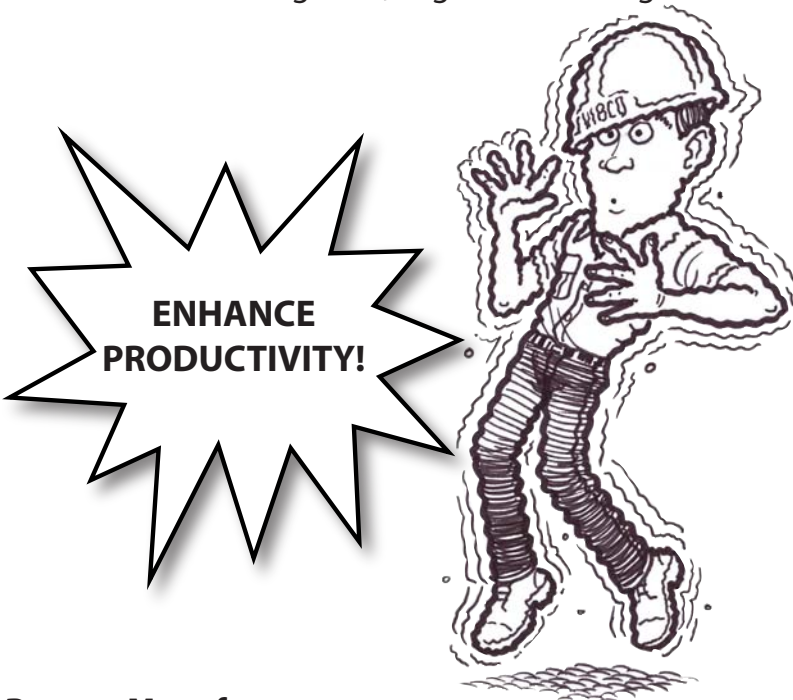
SIC # 2900

- ◆ Sand & gravel bins
- ◆ Unloading RR-hopper cars
- ◆ Batching hoppers
- ◆ Lime bins

Bakery Products

SIC # 2000

- ◆ Unloading materials from truck or RR-Hopper cars
- ◆ Conveying materials to storage bins
- ◆ On bins & hoppers
- ◆ On hoppers containing various toppings
- ◆ Used on bakery goods
- ◆ "Dusting" flour or topping onto product
- ◆ Screens for sifting flour, sugar or other ingredients



Battery Manufacturers

SIC # 3600

- ◆ Unloading carbon black & lead oxide from RR-hopper cars
- ◆ Storage bins for same
- ◆ Densifying carbon-graphite in cells



Breweries, Distillers, Wineries

SIC # 2000

- ◆ Unloading RR-hopper cars containing grits, cracked or ground grains & various other materials used in making beverages
- ◆ On bins containing malt, yeast
- ◆ Expelling gases from bottles before capping, from beer vats before bottling
- ◆ Conveyors for unjamming cans, bottles
- ◆ Hoppers for closures such as bottle caps
- ◆ Screening mash in distilleries

Canning & Food Preserving

SIC # 2000

- ◆ For screening & sizing
- ◆ Feeding out of bins
- ◆ Packaging
- ◆ Shaking bread crumbs or toppings onto various items
- ◆ Moving cans along tracks & around curves on conveying systems



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Candy & Chewing Gum

SIC # 2000

- ◆ Hoppers and bins for chocolate, sugar, nuts, etc.
- ◆ Screens for sifting sugar and other ingredients
- ◆ Glazing of finished product
- ◆ Release of products from molds
- ◆ Packaging

Chemical & Allied Products

SIC # 2800

- ◆ Unloading RR-hopper cars
- ◆ Bulk storage bins
- ◆ Blending processed, screening separating & sizing
- ◆ Feeding chutes
- ◆ Finished products storage bins
- ◆ Packaging & compaction
- ◆ Filtering liquid chemicals (cake removal)
- ◆ Increasing flow of liquid chemicals thru screens

Clay Refractory Manufacturers

SIC # 3200

- ◆ Unloading RR-hopper cars containing raw materials (clay, aggregates, bonding materials)
- ◆ Storage bins (usually a large number)
- ◆ Screening & sizing raw materials
- ◆ Blending & batching
- ◆ Molding of pre-cast shapes
- ◆ Finished product hoppers
- ◆ Conveyor chutes
- ◆ Packaging
- ◆ Storage bins



Coffee Manufacturers

SIC # 2000

Granular:

- ◆ Coffee storage bins (bean & ground)
- ◆ Packaging
- ◆ Conveyors moving cans & lids

Instant Coffee:

- ◆ Coffee bean storage bin
- ◆ Conveyor to cooker
- ◆ Ground bean storage bins
- ◆ Pulverized coffee storage hoppers
- ◆ Dryers
- ◆ Blender (several vibrators used)
- ◆ Finished product hopper
- ◆ Packaging
- ◆ "Grounds" bins





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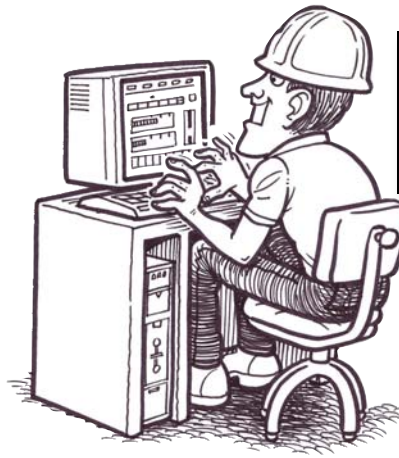
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Concrete Products

SIC # 3200

- ◆ Unloading RR-hopper cars
- ◆ Storage & surge bins
- ◆ Weigh hoppers
- ◆ External form vibrators above uses apply to Ready-Mix, Block, Pipe,
- ◆ Pre-cast shapes, Burial Vaults, Septic Tanks, Pre-stressed Products, etc.
- ◆ Screeds



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Confectionery & Related Products

SIC # 5100

- ◆ De-aerating liquid chocolate in molds
- ◆ Screens for sifting various toppings for candy bars, etc.
- ◆ Dust collectors used to remove sugar dust & other air impurities
- ◆ Unloading sugar from RR-hopper cars

Electronics

SIC # 3600

- ◆ Test tables for quality control, fatigue, reliability
- ◆ Environmental Protection
- ◆ Precipitators
- ◆ Dust hoppers & collectors
- ◆ Refuse bins & compactors
- ◆ Parts feeders
- ◆ Plating tanks

Construction

SIC # 1600-1700

- ◆ Internal concrete vibrator
- ◆ External concrete form vibrators
- ◆ Tampers
- ◆ Screeds
- ◆ Dumpbodies

Fertilizer

SIC # 2800

- ◆ Unloading RR-hopper cars
- ◆ Storage hoppers
- ◆ Batchers
- ◆ Packaging

Cotton Seed Meal Producers

SIC # 2000

- ◆ Storage bins & hoppers
- ◆ Unloading RR-hopper cars
- ◆ Chutes & conveying systems

Crushed Stone & Gravel

SIC # 1400

- ◆ Screening & sizing
- ◆ Storage & surge bins



**SAME DAY
DELIVERY
ON MOST UNITS**



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Flour Mills

SIC # 2000

- ◆ Storage hoppers & bins
- ◆ Unloading raw materials
- ◆ Screens for sifting
- ◆ Increasing lading
- ◆ Packaging

Frozen Foods

SIC # 2030

- ◆ Raw material bins
- ◆ Supply bins
- ◆ Packaging

Foundries

SIC # 3300

- ◆ Unloading sand, coke, scrap, etc. from RR-hopper cars
- ◆ Storage hoppers & bins
- ◆ Molding machines
- ◆ Shake outs
- ◆ Match plates
- ◆ Lost wax investments

Glass Manufacturers

SIC # 3200

- ◆ Unloading raw materials from RR-hopper cars
- ◆ Storage hoppers
- ◆ Batching
- ◆ Increasing flow of slurry mix & feed

Grain & Feed Mill Products

SIC # 2040

- ◆ RR-hopper car unloading (flour, wheat, grits, scraps, etc.) & grid underneath
- ◆ Chute or hopper under grid
- ◆ Storage silos, hoppers & bins
- ◆ Packaging of finished products
- ◆ Increasing lading in hopper cars



Ink

SIC # 2800

- ◆ Powdered ink material bins
- ◆ Keeping ink elements in suspension
- ◆ Screening of ink pigments, wet or dry

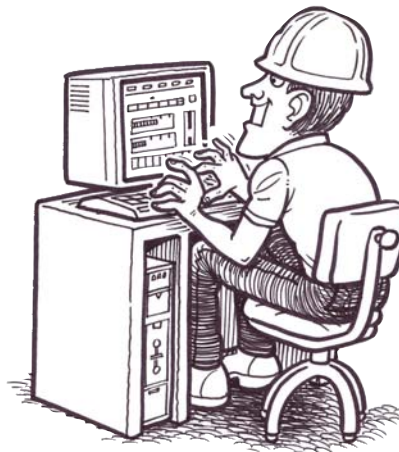
Insect Powder Manufacturers

- ◆ Discharging powder from bins
- ◆ Packaging
- ◆ Unloading RR-hopper cars

Lead Products Manufacturers

SIC # 3332- 3463

- ◆ Unloading RR-hopper cars
- ◆ Lead oxide storage bins



**DETAILED
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Lumber & Wood Products

SIC # 2400

- ◆ Saw dust collecting bins
- ◆ Dust collectors
- ◆ Hardwood flooring hoppers short
- ◆ Strips
- ◆ Feeding wooden matches, clothes pins, etc.
- ◆ Wood chip bins
- ◆ RR-hopper cars for wood chip
- ◆ Transportation

Paints & Allied Products

SIC # 2851

- ◆ Pigment hoppers
- ◆ Bins for raw materials for putty, caulking compounds, & similar products
- ◆ Fill slurries to decrease build-up
- ◆ Agitation

Paper & Pulp Mills

SIC # 2600

- ◆ Unloading coal from RR-hopper cars (for power house operation)
- ◆ Ground clay bins
- ◆ Moving paper trimmings
- ◆ Pigment or powered glue hoppers & chutes
- ◆ Paper joggors
- ◆ Chip bins over digesters
- ◆ Coal bins & chutes

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Metal Working

SIC # 3400

- ◆ Chip removal & cleaning
- ◆ Conveying parts
- ◆ Packaging

Mining Industry

SIC # 1010 – 1200

- ◆ Hoppers, chutes, bins, screens, etc. used for the processing of metal ores, coal, stone, sand, clay, minerals, etc.
- ◆ Form vibrators for concrete lining in tunnels
- ◆ Bucket cleaning or emptying
- ◆ Unloading hopper ships & barges





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Pet Foods

SIC # 2047

- ◆ Feeding out of bins
- ◆ Packaging & settling at fill stations
- ◆ Unjamming cans on tracks

Petroleum Refining

SIC # 2911

- ◆ Catalyst hoppers on cracker
- ◆ Filter aid handling

Pharmaceutical

SIC # 2834

- ◆ Hoppers & bins for all kinds of powdered or granular raw materials
- ◆ Speed up production in pill presses
- ◆ Fill chutes for pills
- ◆ Conveyors for bottle alignment

Plastic Materials

SIC # 2034

- ◆ Unloading & storing raw materials
- ◆ Plastic pellet storage bins
- ◆ Injection molding machines
- ◆ Extrusions from molds
- ◆ Screening or straining of liquid plastics
- ◆ Packaging
- ◆ Casting (densification & bubble removal)

Polish Manufacturers

- ◆ Pigment hoppers
- ◆ Screening

Porcelain

SIC # 3255

- ◆ Clay hoppers
- ◆ Powder storage bins
- ◆ Air elimination from molds

Powdered Milk Producers

SIC # 2034

- ◆ On dryers & centrifuges
- ◆ Screens for material sifting
- ◆ Collection hoppers
- ◆ Settling or packaging
- ◆ Shakeout mold for frozen pies, popsicles, etc

Power Plants

- ◆ Unloading coal from RR-hopper cars
- ◆ Coal bunkers
- ◆ Chutes handling pulverized
- ◆ Precipitators
- ◆ Dust collectors

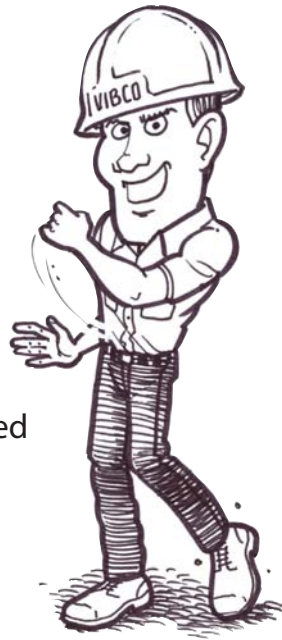
Precast Concrete

- ◆ See concrete products

Printing

SIC # 2700

- ◆ Paper joggers
- ◆ Collation



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Railroads

SIC # 4200

- ◆ Unloading ballast from RR-hopper cars (maintenance of way operations)
- ◆ Unloading sand used for sand blasting yards

Ready Mix Concrete

SIC # 3273

- ◆ Unloading RR-hopper cars
- ◆ Sand, cement, stone dust bins
- ◆ Weigh batchers
- ◆ Mobile plants
- ◆ Trucks - charge hoppers, chutes

Rendering Operations

SIC # 2077

- ◆ Crackling hoppers (dry, coarse & difficult to move)

Roofing Material Manufacturers

SIC # 2952

- ◆ Storage hoppers, raw material
- ◆ Feeding

Salt Producers

SIC # 1476

- ◆ Unloading RR-hopper cars
- ◆ Storage hoppers
- ◆ Chutes
- ◆ Screens for sifting
- ◆ Packaging & settling

Soap & Detergent Manufacturer

SIC # 2841

- ◆ Raw material bins & chutes
- ◆ Unloading RR-hopper cars
- ◆ Finished product hoppers
- ◆ Packaging



Soybean Meal

SIC # 2075

- ◆ See cotton seed meal

Special OEM Machinery

SIC # 3530

- ◆ Feeding tracks
- ◆ Material measuring & dispensing
- ◆ Construction
- ◆ Dump Bodies
- ◆ Mining
- ◆ Conveyors pneumatic
- ◆ Food processing
- ◆ Paper

Starch Manufacturers

- ◆ Dried starch hoppers
- ◆ Packaging



READ ALL ABOUT HOW WELL VIBCO VIBRATORS WORK ON THESE APPLICATIONS & MORE IN VIBCO'S PRODUCT APPLICATION BULLETINS ... AVAILABLE FREE AT www.vibco.com



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Steel Mills

SIC # 3300

- ◆ Unloading RR-hopper cars or freight liners
- ◆ Coke ovens & bins
- ◆ Sintering operation
- ◆ Blast furnaces
- ◆ Dust collectors, precipitators
- ◆ Lining open hearth doors
- ◆ Bins for as many as 50 different
- ◆ Materials

Sugar Mills

SIC # 2062

- ◆ Storage bins for sugar
- ◆ Feeding sugar thru screen chutes & tubes
- ◆ Packaging finished products
- ◆ Synthetic rubber plants
- ◆ Raw materials storage bins
- ◆ Chutes & conveyors

Synthetic Rubber Plants

SIC # 3010

- ◆ Raw materials storage
- ◆ Chutes & conveyors
- ◆ Clay & carbon black unloading

Textile Mills

SIC # 2823

- ◆ Dust collectors
- ◆ Storage hoppers (flock)
- ◆ Distribute flocking material

Tile Manufacturers

SIC # 3253

- ◆ Storage hoppers
- ◆ Feeding to machines



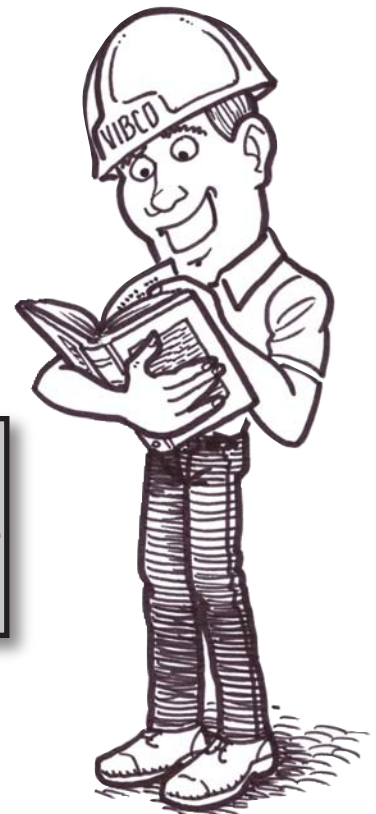
Tobacco Industry

SIC # 2100

- ◆ Unloading coal at steam plants
- ◆ Shredded tobacco hoppers
- ◆ Snuff hoppers
- ◆ Feeding chutes
- ◆ Packaging

Trucks & Transport

- ◆ Dump Bodies
- ◆ Bulk tanks
- ◆ Spreaders
- ◆ ReadyMix Trucks



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