



## Vibrating machinery for the food industry

- Conveying and dosing systems. Several kinds of models:
  - Vibrating conveyors with unbalanced motors.
  - Electromagnetic vibrators
  - Natural frequency with springs.
- Vibrating elevators
- Screens and sieves
- Vibrating drainers
- Pneumatic vibrators and knockers to unblock the hoppers.
- Electric vibrators
- Pneumatic cannons



## VIBRATING MACHINERY FOR THE FOOD INDUSTRY

Vibrotech Engineering S.L is a Spanish company dedicated mainly to designing and manufacturing vibrating machinery and installing various types of machinery for the transportation and screening of solids.

The company's professional team has ample experience in the design and manufacture of vibrating machinery and is at the disposal of its customers to meet their needs and adapt to their production demands.

More than 50 years of experience and contact of our parent company with the needs of the industry and our commitment to investigation and development of new solutions are witness to our capacity as project leaders in various sectors of the industry.

One of Vibrotech's areas of specialization is the manufacture of machinery capable of handling all types of foodstuffs. Some of the most common applications in this sector are transportation, screening, elevation and draining

Food industry processes are the most demanding in machinery safety and reliability; this requires us to apply the highest quality standards possible in our machinery manufacturing processes, since these will be dedicated to handling foodstuffs.

The vibrating machinery made by Vibrotech from AISI 304 or AISI 316 stainless steel, among others, are the ideal solution to a variety of technical applications.





## MAQUINARIA VIBRANTE PARA EL SECTOR ALIMENTARIO



**Natural frequency conveyor** with perforated plate to screen. Meshes or plates are easily removed by fixing mechanisms.



Machinery to sieve and separate fine sized products: sugar, salt, starch...



All kind of vibrating screens: conventional, multi desk, etc... which are properly for products as: salt, sugar, food products in general.





## VIBRATING MACHINERY FOR THE FOOD INDUSTRY

### SEALED VIBRATING MACHINERY TO SELECT DIFFERENT KINDS OF PRODUCTS



*Lids and meshes are easily removed*



### VIBRATING TUBES:

Vibrating tubes are an obvious alternative to the worm screw for foodstuff transportation, since they are cleaner and require less maintenance.

These are driven by two vibrators that require very little maintenance.

The absence of internal components prevents product particles from separating. Component cleaning is also very convenient and easy.

The tubes can be circular or rectangular and are provided with lids for easy cleaning. They can have gates or inspection covers.





## VIBRATING MACHINERY FOR THE FOOD INDUSTRY



*Equipment side view*



*Equipment front view*

### ELECTROMAGNETIC DOSIFIERS

The use of stainless steel vibrating feeders to extract a variety of products from hoppers is common in continuous or discontinuous dosing and weighing installations to obtain different product mixes.

Closed circuits consisting of several machines are commonly used to obtain raw material mixtures, add or feed secondary products such as artificial colouring, salt, sugar, etc. in the various production processes.

Vibrating dosifiers for product extraction from hoppers during weighing operations. Operated by electromagnetic drivers that can be controlled by 4-20 mA signals for highly accurate weighing operations.

### VIBRATING ELEVATORS

The Vibrating elevators are the ideal replacement for scoop-type conveyors. Their two vibrators are easy to maintain, easy to clean and use very little space, making the vibrating elevators the perfect solution for vertical elevation of a wide variety of products.





## THE COMPANY

Vibrotech Engineering, S.L is a Spanish company that develops its main activity to designing and manufacture vibrating machinery and installations for foundries and others sectors of the industry.

More than 50 years of experience of our head company Alju, S.L., in close contact with the needs of the general industry and our commitment to research and development of new solutions, allow us to handle any project involving vibrating machines and installations for several industries.



The company is composed by a team of professionals with highly qualified and with deeply experience in design and manufacture vibrating machinery, experience which we put to our customer's disposal, to met their needs adapting our self to their production needs.

### VIBRATORS

Vibrotech provides a wide range of electric and pneumatic vibrators as well as knockers and rappers to solve the problems caused by obstructed materials in the hoppers.

Also we provide pneumatic canyons for several applications.



*"Pneumatic vibrators and knockers"*



*"Electric vibrators"*



*"Pneumatic canyons"*



Vibrotech Engineering, S.L  
Ctra. San Vicente, 17.  
48510 - Valle de Trápaga  
Vizcaya-Spain  
Tel.: +34 902 010 811  
[www.vibrotech-eng.com](http://www.vibrotech-eng.com)

