



# Total Feeding Solutions

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## Pioneers in Vibrating Technology





# Serving since last **3** decades

## Experience

At "VIBRO" we have 35 years of experience manufacturing various designs of vibrating equipments. We have catered to the requirement of Food, Glass, Breweries, Ceramic, Electronic, Plastic, Petrochemical, Pharmaceutical and the Electrical Industry



## Increase Production & Reduce cost

Vibration has been a very fascinating subject for man since ancient times. With the advent of new technologies, man has mastered the art of creating and controlling vibrations. In our design of the vibration bowl feeder, the vibrations are created in spiral fashion so that the components placed on the bowl which is fixed to the vibrating unit start moving round and round. The bowl being custom built for the particular component, has a peculiar geometry.

As the component moves round and round up the track it gets oriented and comes out in the desired form. This process of orienting is very useful on assembly line and packing operations, as no manual labour is employed for feeding of components.

# Customised Solutions With Quality



## Manufacturing Setup

We manufacture bowl feeder from a small 200 mm diameter bowl to 1000 mm diameter bowl in M.S. Or S.S 304 construction. Each bowl is designed and manufactured according to the need of customer to give proper orientation and trouble free service.

## Range

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## Bowl Feeder Operating Principle

The bowl feeder works on D.C Pulsating supply obtained from converting 230 V.A.C. Single phase by use of rectifier and thyristor circuit. Each unit is supplied with a control panel to supply D.C. Power to the vibrator and control the feed rate.

As the supply frequency is 50 HZ, the bowl feeder operates at 3000 vibrations per minute at 1.5 mm amplitude (maximum).



## Customer Service

Send your enquiry with part drawing, orientation required and feed rate desired, with a few samples for our study and offer. A detail customer list can be supplied on request