

## EFFECTIVE ACTIVATION OF BULK SOLIDS

THE COMPLETE FEED SYSTEM WITH THE HIGHEST LEVEL OF FLEXIBILITY,  
FOR BULK MATERIALS UP TO APPROX. 400 MM

### VIBRATORY FEEDERS

SKAKO pioneered the complete modular feeder assembly, which resulted in the classic range of FC feeders. In addition to the vibratory trough feeder, they are inclusive of the inlet hopper section, complete with a simple square connection flange, skirt plates, bed depth regulation gate, and a captive support spring interface between the feeder trough and the inlet hopper section.

### Features

Numerous design options allow for the feeder assembly to be customised to best suit the applicational requirements.

- > 9 feeder widths, most available in 2 lengths.
- > 3 drive types, offering fixed or infinitely variable feed rate control.
- > Open execution or totally enclosed and dust proof.
- > Capacities from a few kilos to over 1600 Tonnes per hour.
- > Various liner options, gates and sensors.



Dust Proof Feeder 1250X1600MM



Open Feeder 800X1000MM



Dust Proof Feeder 400X1000MM



Open Feeder 1000X1250MM

## Industry Solutions

The features, range and versatility of the Skako FC modular feeders, make them the perfect choice for numerous applications in many industrial sectors.

- Quarrying
- Sand & Gravel
- Associated Extractive Industries
- Concrete
- Cement
- Glass
- Iron & Steel
- Coal & Power Generators
- Food & Pet Food
- Hardware & Coin Production

For more detailed information on specific applications, please contact Skako Vibration.

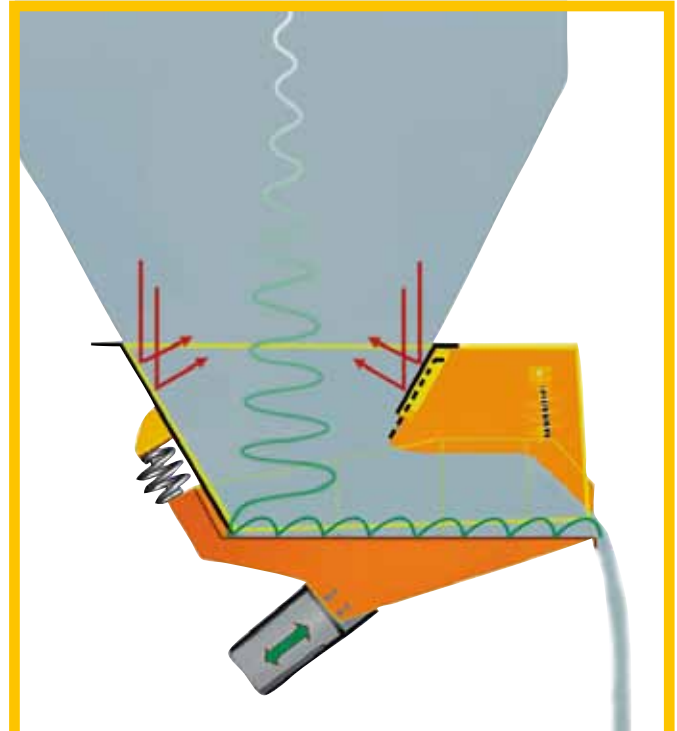
## Vibrator Drive Options

To best suit the application requirements, there are 3 drive options available, electro-magnetic vibrators, motor vibrators and mechanical vibrators.

**Electro-magnetic** driven feeders are selected when the proportioning accuracy and automation requirements are at their highest.

**Motor vibrator** driven feeders are primarily used for simpler functions without high requirements for proportioning accuracy, which include the majority of loading, discharging and reloading applications.

**Mechanical vibrator** is extremely robust, and basically covers the applications also covered by the motor vibrators.



## Benefits

- Complete solution.
- Easy to install.
- Easy to inspect.
- Efficient material activation.
- High dosing accuracy.
- Limited maintenance, less moving parts.
- Safe solution for operator.

## ADDITIONAL EQUIPMENT



### Vibrator Drives

According to requirements, feeders are fitted with electro-magnetic vibrators, motor vibrators or mechanical vibrators.



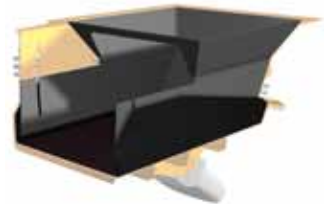
### Rod Gate

To cut off the feed of material into the feeder trough, allowing safe maintenance, e.g when changing wear liners.



### Chain Curtains & Enlarged Opening

For unproblematic handling of relatively coarse material.



### Trough Linings

To prevent wear, corrosion or sticking. Type and design selected to suit customer requirements.



### Outlet Gate

To prevent material flow after stopping or flushing through when filling.



### Finger Gate

For separating out the lumps and impurities from otherwise uniformly sized material.



### Material Sensor

Signals lack of material and stops an operational process to avoid incorrect proportioning.



### Dust Proof Version

Available for both short and long options, prevents pollution of the atmosphere, and contamination of the material.