

Vibrating Feeder



Capacity: up to 2 t./hr.
Objectives : extraction and weighing

PALAMATIC PROCESS vibrating feeders allow dosing of fragile ingredients and abrasive materials.
Installed on load cells, vibrating feeder is used for loss-in-weight dosing.

▶ USE

The vibrating feeders consist of a vibrating base with the product flow trough. The flow rates and accuracy can be adjusted to complement the dimensioning of the trough.
Flow rates: depending on the dimensions of the trough, the product layer thickness is adjusted by the adjustment flap positioned at the hopper outlet.

▶ TECHNICAL SPECIFICATIONS

- . Dosing principle: gravimetric (loss-in-weight metering) or volumetric
- . Dosage device: vibrating trough
- . 3 widths: 80 to 250 mm.
- . Fabrication feeding hopper and vibrating trough manufacturing: steel, stainless steel
- . Volume of the feeding hopper: custom-made - possibility of flow aid
- . Rectangular or tubular extraction
- . Possibility of powdering with output enlargement

▶ EXAMPLES OF IMPLEMENTATIONS



▶ Vibrating feeder skid



▶ Setting of the vibration amplitude (flow management)



▶ Gap for conditioning



▶ Vibrating feeder with integrated metal detection for capsules

[+] Advantages

- ▶ Product Distribution metered over a significant width
- ▶ Fast and effective cleaning