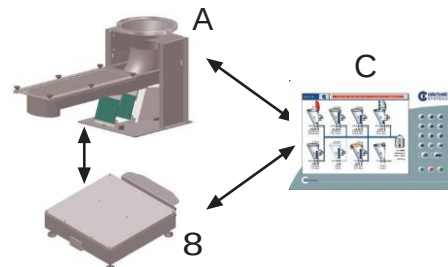


Typical set-up of a dosing system with a feeder.

- A Vibratory Feeder
- 8 Weighing Unit
- C Control

Component A is described below..



Description

The CT Systems Vibratory Feeder CV 165 is ideally suited for continuous or discontinuous dosing of glass fibre and free flowing flakes as well as fragile chips and abrasive, grained powder.

It can be controlled either gravimetrically or volumetrically. The compact, modular design gives the operator the flexibility to meet changing process requirements. By adjusting the frequency range, you achieve a wider feedrate range.

The vibration feeder assures a consistent dosing of easy-flowing and fragile bulk materials. The electro-magnetic vibration drive with a permanent magnet and spool is controlled via a frequency signal from the CT Systems S2 system.

Main features

- Compact design
- Gentle material handling
- Extremely wide feedrate range
- Constant flow of material
- Feeder tray with quick-release system
- Plexiglas covering for feeder tray
- Maintenance-free
- Quick and easy cleaning

Construction

- Framework made from ST 37-2, galvanized
- Tray made from stainless steel 1.4301
- Gear casing made from cast iron, RAL 7035 finished
- Inlet seal from hopper to the tray made from silicone rubber
- Vertical, oval outlet
- Vibration springs made from glass-reinforced epoxy

Performance

VF100	10 - 600 dm ³ /h
VF200	400 - 3400 dm ³ /h



Technical Data

Vibratory tray

- Operating temperature -10 C to +50 C
- Working load on tray up to 8 kg
- Weight 43 kg
- Hopper volume 50 Liters (optional)
- Protection class IP 65
- Power supply 230 V AC, 50 - 60 Hz

Extras

Vibratory tray

- Casing gear in stainless steel 1.4301
- Potentiometer for wide feedrate range
- Material outlet adjuster
- Expansion modules 25 or 50 liters
- Lid for automatic or manual refill

Dimensions

