

# Loss-In-Weight Feeding Systems

DCC

# Volumetric Feeding Systems

DVC



**VERSATILE**  
**ECONOMIC**

## THE IDEAL SOLUTION FOR ACCURATE SMALL VOLUME CAPACITY FEED RATE CONTROL OF VOLUMETRIC OR GRAVIMETRIC FEEDING SYSTEMS

Suitable for gravimetric or volumetric feeding of dry, free-flowing powders or granules.

The **DCC Loss-In-Weight Screw Feeder** is positioned on an electronically operated scale pan mounted on load cells which enables the assessment of any variation in weight in time, adjusting the feed rate by varying the speed of both discharging and feeding device.

**DVC Volumetric Screw Feeder:** bulk material is constantly fed from a hopper into a process per unit of time.

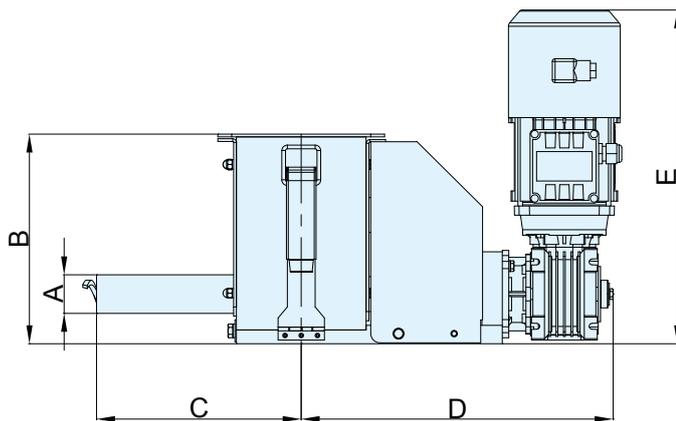
A gravimetric feed rate may be inferred through a calibration process where a timed sample is taken and weighed, while screw speed is manually adjusted accordingly.

### Features

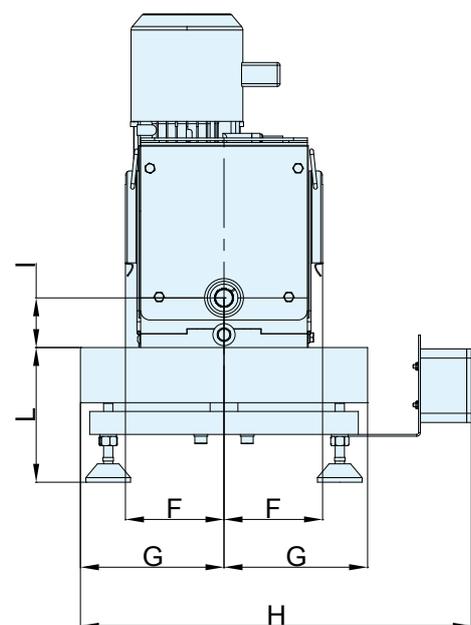
- Continuous real-time controlling and adjustment depending on material flow (DCC Loss-In-Weight Feeder)
- Feeding accuracy between 0.5 and 1.0%
- Compact system with non-stick contact surfaces manufactured from stainless steel
- Feed hoppers with different volume capacity
- Batch or Continuous versions available

### Overall Dimensions

#### DVC



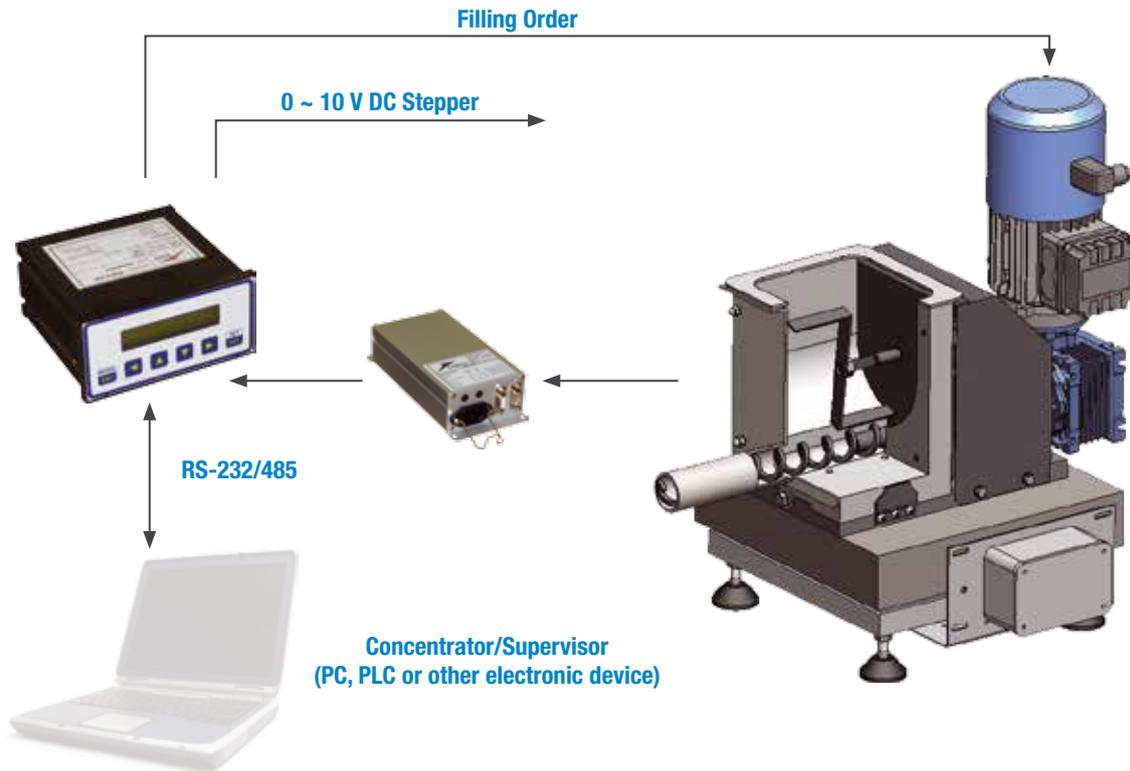
#### DCC



MODEL	ØA	B	C	D	E	F	G	H	I
DVC / DCC 31	25	228	191	337	258	106	155	422	54
DVC / DCC 32	42		221		264				61

Dimensions in mm

## Benefits



- ✓ Quick integration into new or existing production processes;
- ✓ Suitable for installation in battery configuration;
- ✓ Easy to use, clean and maintain;
- ✓ Minimum downtime during product replacement;
- ✓ Highly reliable and durable;
- ✓ Functional assessment in WAMGROUP®'s own test facility based on decades of experience in bulk solids feeding and metering.

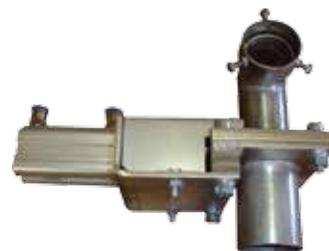
## Accessories

### Electronic Control Panel and Converter



- Electronic control panel enables accurate metering for Batch or Continuous feeding systems.

### Vertical Outlet and Pneumatic Slide Valve



- Vertical feeder outlet with pneumatic shut-off valve increases feeding accuracy.

# Application



**PLASTICS PROCESSING**



**FLOUR MILLING**



**CHEMICALS**



**CERAMICS**



**FEED AND FOODS**



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