



Volumetric Feeding



Dispensing of bulk, solids and liquid materials can be achieved using different kind of equipments. However, each material has its own particular characteristics that require feeder to provide specific mechanical features for material handling.

ARBO Systems offers a wide range of volumetric feeding solutions equipped with vibrating trays, single or twin screws and gear pumps available in different sizes from small to high capacity.

Custom designed models for the special application are also available.

with vibratory tray



DG-VV Series



LDG-VV Series

with screw

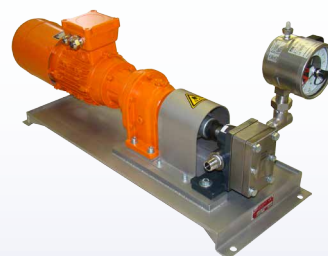


DG-VS Series

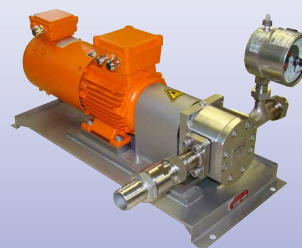


LDG-VS Series

with gear pump



ZP Series



CHEM Series

Features

With ARBO patented control concept the vibratory tray feeders are controlled at resonance frequency and constantly adjusted to correct each deviation immediately

Extremely energy saving (only 70 Watt per dosing unit)

Quick clamping for easy cleaning and material change over

Maintenance free and no mechanical adjustment and lubrication required

Explosion proof models are also available

Suitable for free flowing materials

Chunky, fragile and friable materials can be fed without exposing them to damage

Features

The volumetric screw feeders are ideal for bad flowing powders and pigments which are not suitable for the vibratory tray feeders

Equipped with either DC or AC gear motor

Various length and types (concave, blade, spiral) of single or twin screws are available depending on the material characteristics

Snap off hopper for easy cleaning and material change over

Neatly maintenance free & safe operation

Explosion proof models are also available

Suitable for both free flow and non-free flow materials which tend to stick, bridge or rathole

Features

Volumetric feeding system with high accuracy gear pumps are ideal to provide the extrusion applications with liquid additives

Archive adequate fluid metering accuracy with ARBO's volumetrically controlled feeders

Feed pump types are selected according to the feeding capacity requirement

Equipped with either DC or AC gear motor

Neatly maintenance free & safe operation

Explosion proof models are also available

Suitable for low to middle viscosity liquid materials

Applicable fields and materials examples

powder, flour, cereal, grains, nuts, seeds, dried fruits, food flavoring, seasoning frozen food, pet food

pellets, fiberglass, fiber coloring, coating processing materials, resins and additives

detergent components mixture, perfume, fertilizer, neutralization additives

raw materials for vitamins and coating tablets

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