

Volumetric Feeding



Dispensing of bulk, solids and liquid materials can be archived 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



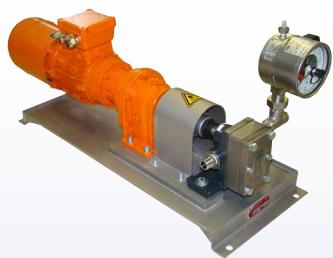
DG-VV Series

with screw



DG-VS Series

with gear pump



ZP Series



LDG-VV Series



LDG-VS 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, brade, spiral) of single or twin screws are available depending on the material characteristics

Snap off hopper for easy cleaning and material change over

Nealy 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 rat hole

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

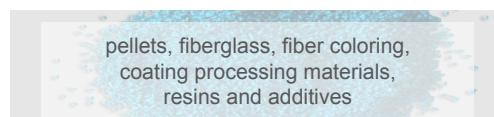
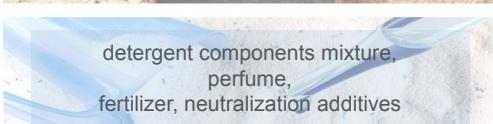
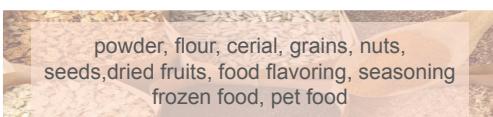
Equipped with either DC or AC gear motor

Nealy maintenance free & safe operation

Explosion proof models are also available

Suitable for low to middle viscosity liquid materials

Applicable fields and materials examples



ARBO Systems SA

Via Circonvallazione 12
6952 CANOBBIO
(Switzerland)

Tel.: +41 (91) 935 0070

Fax: +41 (91) 935 0079

welcome@arbosystems.ch
www.arbosystems.com

