

Gravimetric dosing solution provides high accuracy feeding of bulk and solid materials. In gravimetric dosing solution the flow's weight signal is used as a closed loop feedback control system to constantly monitor the feed rate and compensate for variations in bulk density and material characteristics.

ARBO Systems is able to offer a wide range of gravimetric dosing equipment solutions for either loss-in-weight and belt feeder technologies due to its field experience and know-how acquired over 40 years.

Custom designed models for the special application are also available.

with vibratory tray



DG-GV Series



LDG-GV Series

with screw



DG-GS Series



LDG-GS Series

with gear pump



DG-GZP 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 gravimetric 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 sigle 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 rathole

Features

Gravimetric loss in weight feeding system combined with high accuracy gear pumps and platformscale are ideal to provide the extrusion applications with liquid additives

Archive adequate fluid metering accuracy with ARBO's gravimetrically 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

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

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

