

# Volumetric Dosers

## BVD Series

### In Pace with your Dosing Needs

**Bry-Air EcoBlend Volumetric Doser - BVD Series** offers the most cost effective means of thorough and accurate dosing of virgin material, regrind material, additives, fillers, master batches and other additive preparations during injection, blow and extrusion processes to ensure high quality of finished products and consistently uniform mixing

#### For Accurate Dosing

Designed and manufactured to suit every dosing need continuously as well as intermittently of upto two (2) types of material in granular form, BVD Series meets all pre-requisites of the dosing process

#### Advantage BVD

- Uniform blend of the dosed material in the main granule stream
- No colour separation resulting in lower colour consumption
- High accuracy allows production of plastics components of very high quality with a regular colour
- Elimination of mixing time, compounded material storage and manpower costs
- Reduces cost of holding large stock of different types of compounded material
- Eliminates need for other type of mixing systems
- Eliminates need for cleaning of floor mounted mixers and conveyor
- Allows material change in less than 3 minutes
- Permits colour changing without interruption



*Thoroughly tested for performance*



Volumetric Doser Control Panel



Visit us at [bryair.com](http://bryair.com)

Note : For technical details refer to Technical Data Sheet

# Volumetric Dosers

## BVD Series

### The perfect match for your Plastics moulding machine

- A choice of 2 models available : BVD-210 and BVD-8100.
- Dosing range from 200 gms/hr to 26000 gms/hr.
- Suitable for all free flowing colour and additive preparations.
- Available for injection, blow as well as extrusion process.

### Automatic and Accurate Control

- Unmatched dosing accuracy- synchronization is done in extrusion mode with the 0-10 volt DC analogue voltage which is more reliable than magnetic wheel sensor or a techo.
- The microprocessor-based control is equipped with a digital read-out, which shows the revolutions/min of the dosing screw, digital pre-setting and operating status and fault.
- Option for automatic loading in higher throughputs.
- Along with BVD-8100 a complete range of dosing screws/sleeve sets is provided. By selecting the correct screw/sleeve combination, a very large dosing accuracy is obtained.

### Easy to use

- User friendly easy to read display.
- Emergency drain/ clean-out for instant material changes saves production downtime.
- Mounted directly on throat of the process machine.
- Compact, Rugged, easy-to-maintain design.
- Can be controlled from remote place with chord controller.
- Single tunnel/barrel for all the types of fillings (inter-changeable screw and sleeves for the same barrel).



**Bry-Air** Hot Air Dryer

Mounted on a  
**Bry-Air** Volumetric Doser



**Bry-Air** Volumetric Doser

**Bry-Air** One stop shop for plastics auxiliaries

- Drying • Conveying • Dosing & Blending • Temperature Control



An ISO 9001 : 2000 & 14001 Company



Leaders in Dehumidification... Worldwide

Enter Bry-Air... exit moisture

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