



Bag Filler Modified Atmosphere Packing Upgrade



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In today's competitive environment and the ever increasing demand to get the best out of existing packaging equipment. Customers who have existing GEA Avapac packaging equipment can enhance the performance and functionality of their plants by carrying out upgrades.

Upgrading your existing packaging equipment can be a very cost effective alternative to replacing entire units or systems.

The quality of many food powders will deteriorate unless they are packed under a modified atmosphere. Oxygen must be removed and replaced with an inert gas such as nitrogen or carbon dioxide to stop the powder oxidizing and becoming rancid.

GEA Avapac has developed a Modified Atmosphere Packing (M.A.P) upgrade for the Bag Filler. Replacing the existing Bulk Fill and Top-Up spouts with specially designed M.A.P spouts and a M.A.P control system, when combined with a pre-gassing system will preserve the packaged product and extend its shelf life.

■ Features

- Tried and proven M.A.P system
- Multiple gas injection points during the bag filling and closing process
- Can be retro-fitted into an existing RBF-1200 Filler
- Safe and reliable operation

■ Benefits

- Increased product shelf life
- Improved product quality and flavour
- Reduced product and/or packaging losses
- Reduced degradation of powder stored at higher ambient temperatures

■ Capacity

Can support packing rates of up to 480 bags/hour

■ Materials of Construction

Ferrous: Stainless Steel AISI 304

Non-ferrous: Acetal, PETP

■ Gas Consumption

CO₂ : 6-8 kg/tonne of product packed

N₂ : 0.5m³/tonne of product packed

Note: Product must be supplied to Filler at <1%RO

All performance data achieved under test conditions with standard packaging materials.
All specifications and dimensions subject to revision without notice.



Process Engineering

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