



# Bag, Box & Drum Filling



GEA Avapac  
[www.avapac.com](http://www.avapac.com)

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## Overview

Customers who have very exacting requirements for their packing plants look to GEA Avapac to provide specialist solutions to meet their production needs.

To meet the flexible production needs of the food ingredient industry, GEA Avapac has developed Bag, Box and Drum filling variants of the IBF range of fillers.

Several new features extend the capability of the IBF range to handle the widest range of packaging media in a single machine. With quick change parts, the filler can be quickly and easily set up to fill bags, boxes or drums.

An automatic bagloading system is available for fully automated packing - this can be removed when filling boxes or drums where the infeed system demands this.

Downstream, the bags are closed using our conventional continuous heatsealer, Boxes or drums can be manually tied or heatsealed using a manual impulse sealer as required.

Further down the line, bags are processed using bag kicker or rotator equipment, whereas boxes or drums may be optionally diverted to pass along a separate line to the palletising or drystore area.



Drum Filling



Box Filling



Dearation during box filling



Downline processing



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## Clean In Place (CIP) Variant

Customers wishing to extend their packing plant can now select the CIP option to enable wet washing of all internal product contact surfaces.

Using the specially designed GEA telescopic spray nozzles, customers can utilise their existing CIP plant to provide efficient cleaning of the internal filler components as is required in the food ingredient industry.

Where the product causes stubborn deposits to build up on the underside of the auger, this can be easily removed for thorough cleaning in an offline cleaning station. To speed up cleaning, a spare auger(s) can be supplied to be readily available for re-fitting after CIP.

The auger tube is fitted with a special camlok fitting to enable full recovery of waste cleaning solution or water. The internal surfaces of the filler are typically dried using the customers existing hot air blower system.



Telescopic spray nozzle



Camlok fitting

## Features

- Stainless steel construction
- Easy changeover of parts
- USDA compliant
- Automatic or manual options
- Packaging infeed systems
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## Packaging

- Bags: Kraft multiwall with PE liner
- Drum: customer specification
- Box: customer specification



## Process Engineering

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