



Bag, Box & Drum Filling

Ideal for frequent cleaning
with minimum downtime



engineering for
a better world

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

To meet the flexible production needs of the food ingredient industry, GEA 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.

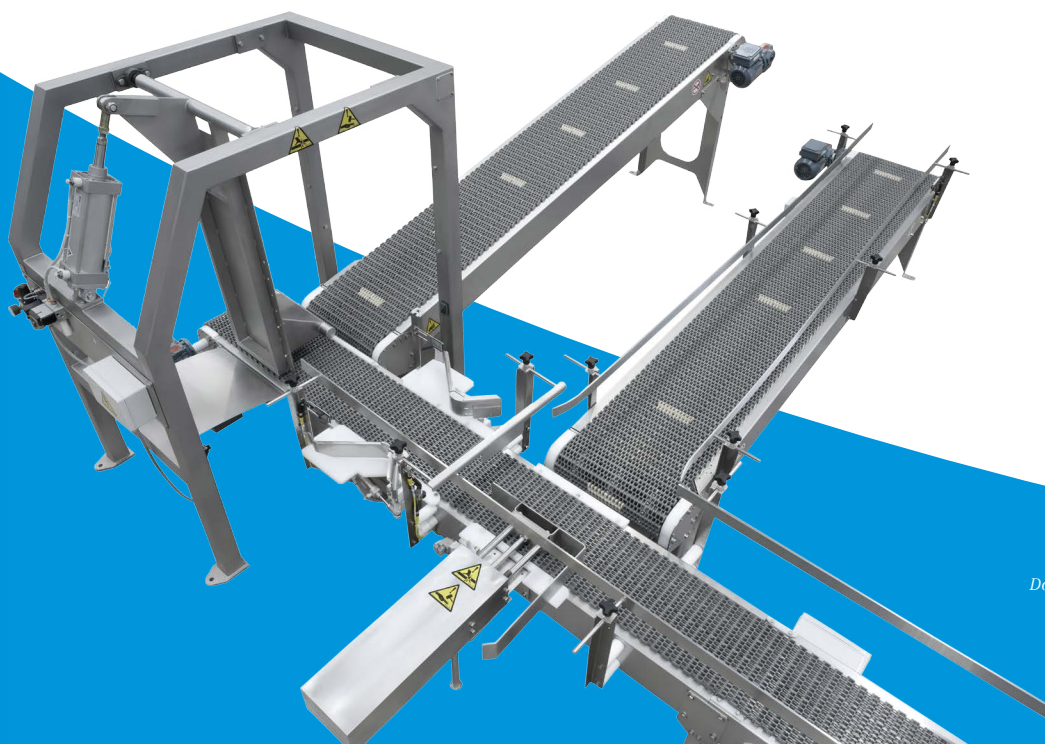
Clean In Place (CIP) Variant

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 refitting after CIP.

The auger tube is fitted with a special Kamlok® 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



Downline processing

Features

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

Packaging

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



Telescopic spray nozzle



Kamlok® fitting



Drum filling



Box filling



Deaeration during box filling



We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA Group is a global engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX® Europe 600 Index.

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