

## Rotary Granular Filler



Gentle Handling and High Precision  
Filling of Bits

## High-Precision Granular Filler

JBT's high precision granular filler with individual gates ensures the highest filling accuracy and product quality when filling solid-type food products, like vegetables, fruit, pet food and more.

### Individual spring-loaded fill gates

Spring-loaded gates, constructed of an engineered polymer, are located under the lower measuring cups. The individual gates are rugged in construction and mounted with a quick release clamp.

As compared to conventional dead plate fillers, individual fill gates offer gentle product handling, higher filling accuracy, hygienic operation and easy cleaning of the filler.

### No-Container/No-fill system

Thanks to the use of an individual gate per filling pocket, product loss during production and start-up can be reduced to practically zero. The electro-pneumatic No-Container/No-Fill system detects the presence of each container avoiding product fill in case of absence.

### Product quality

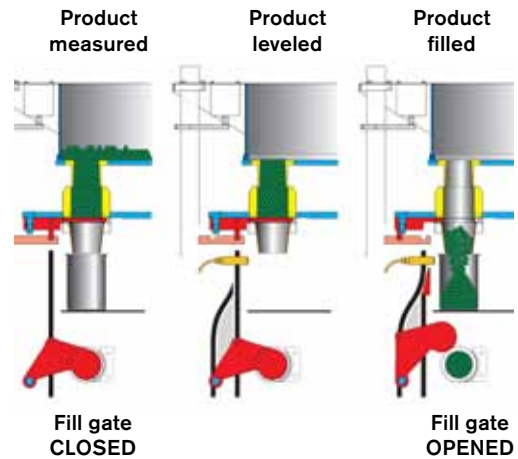
As compared to conventional dead plate fillers, the use of individual gates avoids excessive rolling of the product and minimizes product damage.

### Fill accuracy

JBT is well-known for supplying robust equipment complying to the highest industry standards. All granular filler parts have been constructed to the strongest design and highest precision. The unique gate design and material selection combined with the precisely machined filler top plate will result in the highest, long-term filling accuracy.

### Fill volume adjust-in-motion system

The XL-series granular filler is standard equipped with an in-motion fill volume system that allows fill volume correction without stopping the filler. A check-weigher for fully automated volume adjustment can also be integrated.



## Vacuum-Assisted High-Precision Granular Filler

JBT has launched another innovative solution to fill sticky particles for premium beverages with fruit bits: the Vacuum-Assisted High-Precision Granular Filler (VAHP).

### Pre-dosing of high-value sticky particles

Our vacuum-assisted granular filler was specially developed to accurately pre-dose small volumes of high-value sticky particles. These particles (coconut jelly, coconut meat, grass jelly, bird nest jelly, aloe vera jelly, etc.) are added to beverages in order to enhance mouthfeel, taste and nutritional value. The vacuum-assisted granular filler yields high fill precision and assures minimum give-away and maximum product savings. The gentle product handling results in a high quality product.

### Vacuum-assisted product hopper

The product hopper is executed with a vacuum system to eliminate the carrying liquid and assure an accurate pre-fill of each pocket. Before filling the bits into the container, any excess carrier liquid is removed to guarantee the highest fill accuracy of the bits.

### Pocket blow-out system

An air blow-out system assures that every measuring pocket is completely emptied into the container.



## WE ARE YOUR SINGLE SOURCE FOR PROFITABLE PROCESSING & PACKAGING SOLUTIONS

JBT is a leading provider of integrated food processing solutions. From single machines to complete processing lines, we enhance value and capture quality, nutrition and taste in food products. With a local presence on six continents, JBT can quickly provide our customers and partners in the food processing industry with the know-how, service, and support needed to succeed in today's competitive marketplace.

### JBT LIQUID FOODS

FRESH PRODUCE TECHNOLOGIES | FRUIT AND VEGETABLE PROCESSING | SECONDARY PROCESSING | ASEPTIC SYSTEMS | FILLING AND CLOSING  
IN-CONTAINER STERILIZING | HIGH-PRESSURE PROCESSING | POWDER PROCESSING | TUNA PROCESSING

### OUR BRANDS



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