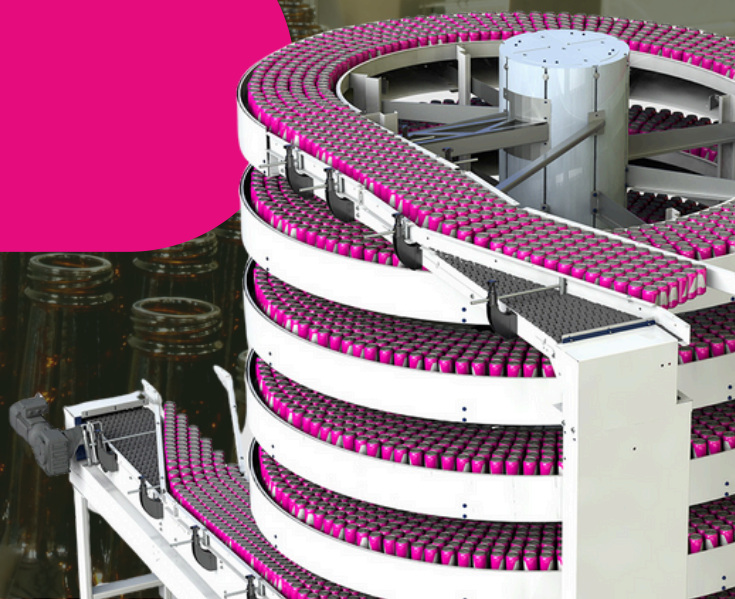




# Food & Beverage

## Efficient Solutions, Modular Design

Since the demand for reliable equipment is high, APOLLO offers a perfect fit for the beverage industry. With our solutions, you minimize downtime, cut maintenance costs, and boost overall plant efficiency.



As companies expand to stay competitive, they must adapt to market demands: more product variety, sizes, and volume. This often means adding or reconfiguring production lines. APOLLO Spiral Conveyors offer a solution by reducing production footprint, enabling more lines.

We offer top-notch space savers for modern operations aiming to maximize productivity in minimal space. They efficiently convey products vertically, boasting unmatched throughput. Plus, their modular design allows easy reconfiguration without disrupting production schedules, reducing total cost of ownership.

We offer 3 specific types of solutions that have proven to be true *smooth operators* in your plant.



### Packed Spirals

Ideal for cartons, cases, trays, and more, moving smoothly up or down in a continuous flow. Compact design, dependable surface, high-speed, low-noise, low maintenance, and long life. Options include powder-coated carbon steel, stainless steel, hybrid, and freezer versions.

### Mass Flow

The Mass Flow Spiral Conveyor is perfect for canning and bottling, moving units vertically in bulk. Up or down, they handle up to 2000 units per minute in a continuous flow. Compact footprint, saving significant space compared to traditional methods.

### Bucket Elevator

Our innovative design seamlessly combines vertical and horizontal transportation of bulk materials in a single unit. Ideal for transporting ingredients to mixing, sorting, or baking processes. Fully enclosed with overlapping pivoting buckets to prevent spills and debris.

# Example Application Cases

## End of Line Transport:

Our Packed Spirals are commonly employed in end-of-line scenarios to effectively move filled cases to storage or palletizing zones. It is usual to employ a Spiral Conveyor to supply a top-loading palletizer. Additionally, Spiral Conveyors have the capability to introduce products at intermediate levels, offering advantages to the food and beverage sectors by combining transportation from various production lines and maximizing floor space.

## Mass Flow

Our Mass Flow Spirals are perfect for bulk depalletizing bottles before they reach the filling line. This popular model saves space and can efficiently handle taller glass bottles, commonly used by craft breweries. Additionally, they are versatile, transporting bottles, cans, or jars from the filler to primary packaging, or to and from a retort process, streamlining packaging operations.



## Bucket Elevator

Bucket Elevators are commonly used in baking and other operations to transport ingredients to hoppers or mixers, ensuring a consistent volume for the process. With multiple discharge options, a single Bucket Elevator can serve multiple stations efficiently. Ideal for dense, low-moisture, and free-flowing materials like pet food, snacks, candy, granules, seeds, beans, recycling, minerals, and powders.



**The Royal APOLLO Group provides a range of solutions for the food and beverage sector, renowned for its reliability, minimal maintenance, durability, and gentle product handling.**

