



Consumer Packaged Goods

Design Flexibility and Space Savings

APOLLO's consumer package goods solutions excel in narrow-margin environments, offering flexibility and reliability. Our Spiral Conveyors are ideal for high-performance needs, handling line changes with ease. These conveyors move products vertically, saving space in production areas and maximizing overhead space utilization.



Packed Spirals:

APOLLO Spiral Conveyors are frequently utilized for transporting products from end-of-line packaging to storage or palletizing areas, offering a compact design that minimizes floor space usage while maintaining high throughput. These spirals can operate seamlessly without interruptions at speeds up to 60 m. per minute and are capable of handling diverse product sizes without requiring adjustments.



Narrow Trak:

When conveying smaller products, APOLLO offers Narrow Trak Spirals, featuring a compact footprint with conveying surface widths of 150 or 230 mm. These spirals allow product entry or discharge via end transfer for items like cartons, or side transfer for jars, cans, or vials. Widely used to replace side gripper conveyors, Narrow Trak Spirals are highly reliable and can accommodate various product sizes without adjustments, ensuring consistent throughput.



Product Twister:

APOLLO's Product Twister is a cutting-edge conveyor designed for in-line rotation of cases and unitized loads. It can smoothly rotate loads 90° or 180° in a continuous motion, ideal for packing lines requiring quick and damage-free rotations of products. The Twister accommodates a wide range of load sizes seamlessly without the need for adjustments.



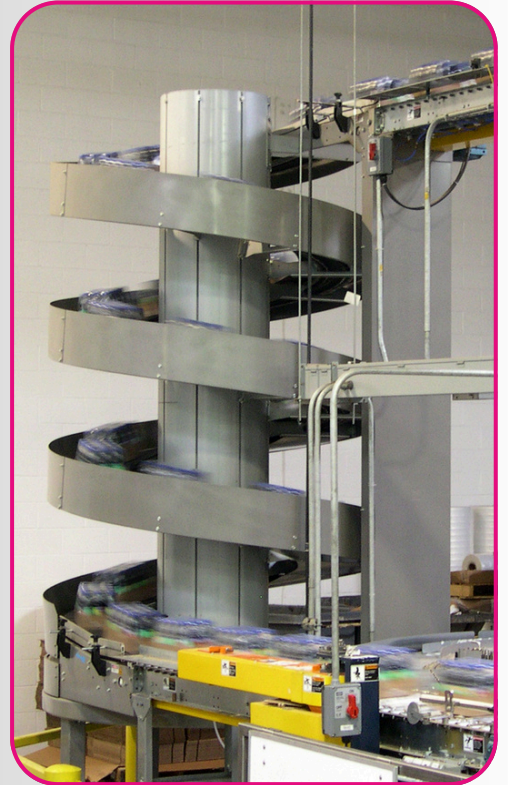
Example Application Cases

From Case Packer to Palletizing:

The use of APOLLO Spiral Conveyors in delivering cases to palletizers, both upper and lower levels, has been a long-standing industry practice due to their efficiency. Spiral Conveyors are optimal for elevation adjustments and have high throughput capacity, handle various product sizes without manual changes, maximize production floor space with their compact design, and require only a single drive for operational efficiency.

Curing before Packaging:

APOLLO Spiral Conveyors can be used to add buffer time to products that need to cool (max. 80°, or 150° with special slats), or cure prior to packaging. In such applications, two Spiral Conveyors are used in an up-and-down configuration to save precious floor space by utilizing vertical space for additional curing time.



Creating Aisle Space:

Production lines are often constrained, limiting operator mobility near equipment. Traditional conveyor lines rely on gates or walkovers for operator access, but these methods can pose ergonomic and safety concerns, and disrupt product flow. A more efficient solution is the use of spirals to lift product flow above the production floor, enhancing both ergonomics and personnel flow throughout the facility.



Driving the future of the consumer packaged goods industry, APOLLO equipment ensures your operations stay ahead of the curve. The flexibility and adaptability of our machinery guarantee long-term cost effectiveness. Undeniably, the APOLLO Spiral Conveyors stand as one of the most dependable equipment in any production environment!

