

APPLICATION & DESIGN

Bulletin



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QUICK FACTS

- **Machines:** Various vertical and horizontal cartoners
- **Speed:** 600+ cartons per minute
- **Industry:** Confectionery
- **Application:** Gums, mints, lozenges, hard candy, etc.
- **Design:** Side and front flip-top carton

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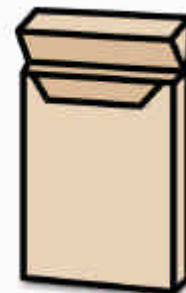
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Tisma Ready as “New” Carton Style Makes its Way Across the Atlantic

Left to right, right to left, East to West, West to East...when it comes to packaging trends, it is always difficult to tell in which direction they will move.

This has been especially true with the “flip-top” carton. An extremely popular carton style in Europe over the last several years, the flip-top carton has slowly made its way into the United States and continues to grow in popularity. So much so, that the “package” (not the actual product inside the package) has been featured in several recent advertisements.



Ideal as a single or multiple-serve dispenser, the flip-carton carton features a hidden, re-closeable latch and is perfect for easy, one-hand use. Ideally suited for gum, mints, hard candy, lozenges and an assortment of similar products, the flip-top carton can be designed as either a front or side dispensing package.

A pioneer in high speed filling and sealing of flip-top cartons, SWF Companies' Tisma Division has advanced their machines from intermittent motion, double-digit speeds to continuous motion, with speeds exceeding 600 cartons per minute. With almost 40 flip-top vertical cartoners installed throughout the world, Tisma systems accommodate a wide range of flip-top carton sizes.



Available with several filling options, including count, volumetric and weigh scale, Tisma's flip-top cartoners incorporate numerous patented features which ensure material and product loss is kept to a minimum. For example, the **Ultra-Track®** is a high-speed, product transfer track with a unique design that

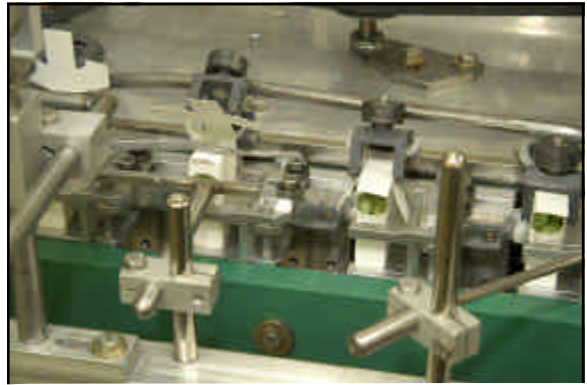
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Innovative Packaging Automation

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dramatically increases both cup filling and carton filling dwell times. Ultra-Track® systems also significantly reduce lost product and can incorporate multiple fillers to substantially reduce changeover times and maximize output.

The **Memory Track®** is specifically designed to interface with today's computer combination net weigh scales and offers improved product handling for fragile products. It also dramatically increases filling-time and helps to control material costs, providing a truly integrated, intelligent packaging system. No product/no carton and no carton/no load features are standard, plus out-of-



range product weights will be rejected. These features enable the user to reduce lost product, eliminate damaged or unfilled cartons and reduce downtime.

Tisma flip-top cartoners have been specially designed for simple integration with related (third-party) packaging machines and Tisma often integrates entire packaging lines for their customers.

A typical line integration project for Tisma could include a flip-top cartoner, metal detector, check-weigher, accumulation conveyors, flow wrappers, pack-off display cartoner (offered by Tisma), case packer (offered by SWF Companies) and a robotic palletizer (offered by GSMA).

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** New York is split. T. Casey covers North of Highway 84—R. Sutton covers South.

*** Pennsylvania is split. T. Casey covers North and West of highways 78, 222, 30 and 83—R. Sutton covers South and East.



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