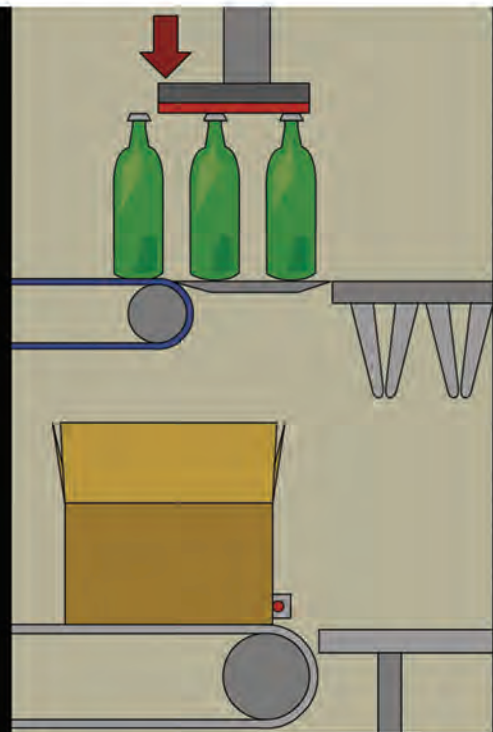


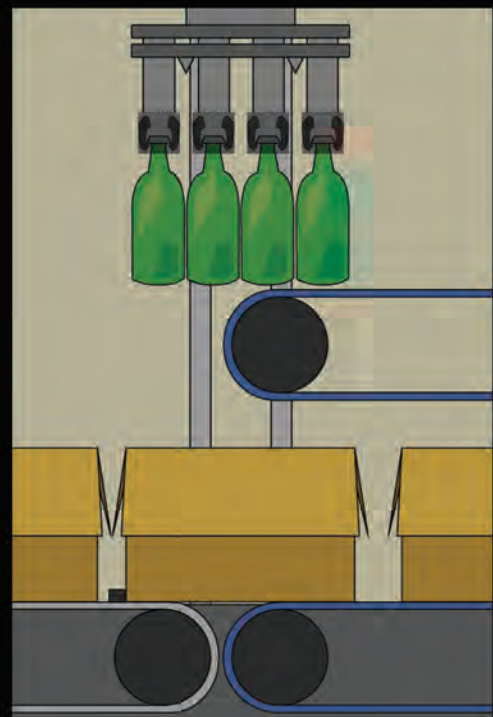
ULTIMATE Is Our Standard™

StandardKnapp
StandardKnapp

an EMPLOYEE owned company



Case, Tray and Shrink Packaging Machinery



Case Packers

Standard-Knapp offers a full range of Case Packers, Bottle Packers and Drop Packers to meet all of your case packing, product handling and budgetary goals. When your application demands high-speed continuous motion, Standard-Knapp is there with the PakMore™ – the fastest continuous motion case packer in the industry.



PakMore™



Versatron™



EZ



Orbitron™

PakMore™ – Standard-Knapp's 989 PakMore™ is a high-speed case packer offering smooth, continuous motion; precise servo product grouping; soft placement of bottles into the case; and automated changeover. The PakMore allows for faster and smoother packaging of bottles, up to 75 cases per minute, in a variety of industries, including soft drink, beer, wine and household products.

Low maintenance and high reliability are achieved through the positive, continuous operation from the infeed through placement of bottles into the case. Many innovative and proven features have been incorporated into the PakMore™, including a pressureless Zero-gap infeed, the flexibility of an inline or peninsula layout, and positive packing action that places the bottles in the bottom of the case. The case packer's technologically advanced, dual-axis servo grouper and gripper heads are designed to maximize placement accuracy and minimize bottle damage, picking up bottles and safely lowering them into the case. Other features include smart and quick fault recovery systems and robust construction designed for the demands of 24x7 operation.

Versatron™ – A two-axis servo system allows the 939S Versatron™ Servo Case Packer to actually "catch" the product while it descends into the case. The lift table moves the case to the "up" position and waits for a full grid. When grid is full, the riding strips shift to the side and initiate the bottle descent. The lift table simultaneously moves the case downward on a velocity curve that ultimately achieves the same speed at the point of contact (the soft-catch). Other case packing benefits include push-button lift table height adjustment and a wide product range. The vertical motion of the table does not consume air.

The Versatron™ packs up to 45 cases per minute and is available with both the APT (Active Product Transport) system for difficult shapes and the Tandem Case Feed for handling multiple cases per drop, thus increasing total machine output.

EZ – The Standard-Knapp 939 EZ Case Packer combines proven and reliable case packing technology in our most affordable package. The EZ Case Packer is the "little brother" of our industry standard Versatron™ family of case packers. It offers the same robust quality, flexibility and adaptability, while operating at speeds of up to 30 cases per minute. Our patented Snap-in Grid technology makes changeover an easy, one-man operation. The use of our air-over-oil lift table to control the descent of product into the case maintains design simplicity without sacrificing control.

Orbitron™ – The 357 Orbitron™ is a great way to get bottles or cans into cases or pre-formed trays at speeds up to 65 cases per minute. The overhead flight section guides product into the box continuously, while maintaining a small footprint.



Tritium™



Continuum™ Tray Packer



Continuum™ Tray/Shrink



Shrink Wrapper

Tray Packers

Standard-Knapp's venerable Continuum™ line of Tray/Shrink machines has undergone an evolution that has brought about the Tritium™ Tray/Shrink/Bundlers. The Tritium™ line represents a leap forward in modular machine design and construction, as well as advanced functionality.

Tritium™ – The newest addition to the world of multipacking is our Standard-Knapp Tritium™ Multipacker. Featuring modular construction and a high-efficiency heat tunnel, our multipacker arranges and neatly wraps bundles of product at speeds up to 360 packs per minute. The Tritium™ produces outstanding bull's-eyes, ensuring that the graphics on your registered film are displayed properly every time.

Great care was taken to make the Tritium easy to assemble and maintain, and our new Robo-Wand™ wrapping technology enables consistent, precision wraps and limitless wrapping possibilities.

Continuum™ Tray Packer – Already proven at dozens of installations in the food and beverage industry, the **296T** Continuum Tray Packer is the best machine for achieving efficient operations. Running at speeds of up to 100 trays per minute, the Continuum™ is designed for high speed, while its inherent product flexibility and changeover features are unparalleled in the industry. Blank trays are folded around the product and the flaps are glued in place, producing perfectly square trays every time. Whether you are running glass, PET, metal or fiber cans into chipboard or corrugated trays, the Continuum is the right tray loading choice.

Continuum™ Tray/Shrink – Another proven application in the Continuum line is the **296TS** Continuum™ Tray/Shrink system. Integrating our efficient Shrink Wrapper allows high-speed tray forming (up to 100 trays per minute), loading and wrapping - all from a single, easy-to-use operator interface. Our energy efficient Heat Tunnel and easy changeover are standard. An optional Tray Stacker makes bulk packing for big box stores a snap.

Shrink Wrapper – The Standard-Knapp engineering team, in collaboration with our major customers, has redesigned the **596** Continuum™ Shrink System to improve machine uptime, reduce maintenance requirements and simplify operation. It can operate at speeds up to 100 trays per minute and can be used as a stand alone machine or in conjunction with our Continuum™ Tray packer as a continuous motion Tray/Shrink solution.



PikMore™ Uncaser



Slitter/Sealer



Laner

Miscellaneous

Standard-Knapp offers a variety of solutions across the packaging line. Whether uncasing, tab-slitting, case-sealing or product division, Standard-Knapp does it quickly, reliably, and efficiently.

Uncaser – The Standard-Knapp 686 PikMore™ continuous-motion uncaser is the first step in fast, accurate packaging. It quickly and gently removes empty bottles from the case and presents them to the bottling line upright and ready to rinse. Using the same technology as our industry-leading PakMore™ continuous-motion case packer, the PikMore provides operator-free uncasing at speeds of up to 75 cases per minute – all with a small footprint.

Slitter/Sealer – Standard-Knapp's 189 Slitter/Sealer is a high-speed machine for finishing tab-locked cases at speeds up to 80 cases per minute. It is really two machines in one. The first half of the machine gently slits the tabs of the case, with no moving knives, and arranges the tabs to accept glue. The second half of the machine glues and folds the tabs into place.

Laner – Standard-Knapp's Bottle Laner is engineered to handle a variety of bottles, as well as non-round and unstable containers, making it ideal for bottle packing applications in the food and beverage, household chemical and personal care industries. The Bottle Laner distributes bottles from a single-file line to multiple lanes, and it can also redistribute two lanes into three or more for more efficient bottle packing. Powered by a servo drive and timing belt, the Bottle Laner actuates payout of a specific quantity of containers to the downstream lanes, ensuring the lines remain steadily supplied and balanced. A smart sensor counts each bottle or container that passes through the Bottle Laner to determine that each downstream lane receives an equal quantity, guaranteeing line balance and preventing damaging jams.

The Bottle Laner can be integrated with a case packer or remain free standing. Featuring quick and easy changeover in a matter of minutes by utilizing a user-friendly touch screen, Standard-Knapp's Bottle Laner is a robust and virtually maintenance-free packing machine.

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