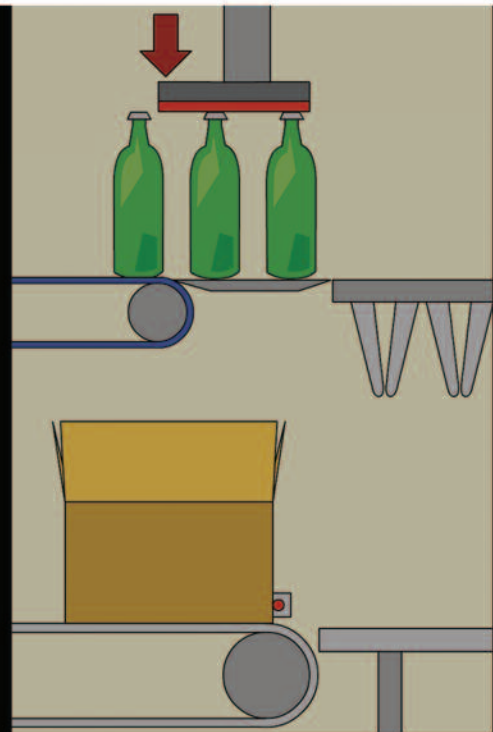
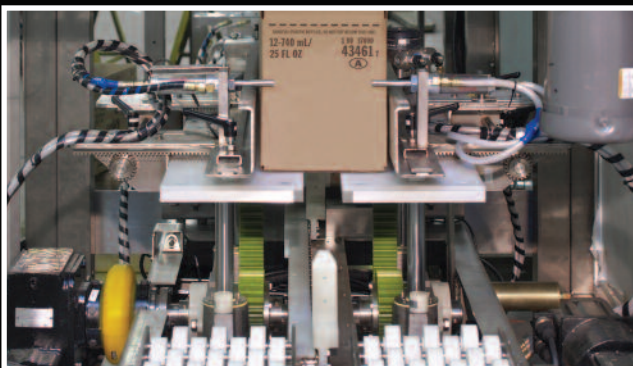
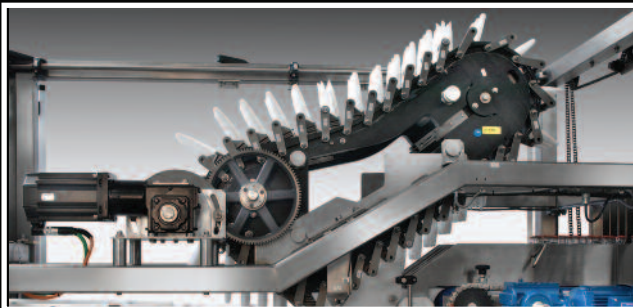


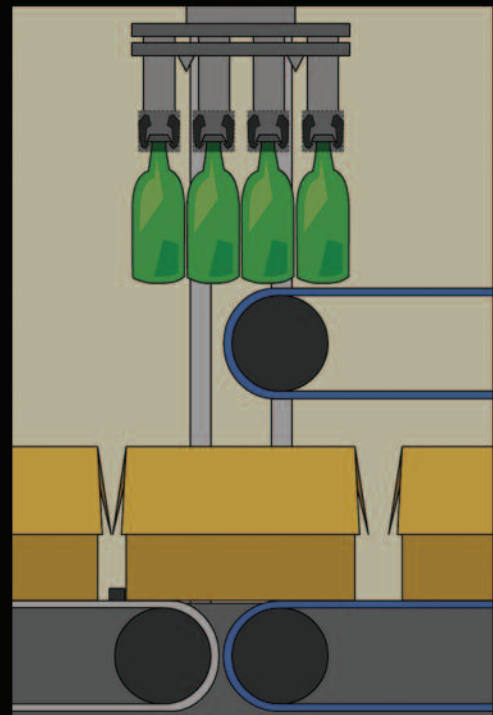
ULTIMATE Is Our Standard™

StandardKnapp
StandardKnapp

an EMPLOYEE owned company



Case, Tray and Shrink Packaging Machinery



Product Catalog



Versatron™



Versatron™ EZ

**Pic-N-Place
Module**



**Lowering Head
Module**

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. Our color-coded change parts provide fast, efficient changeover. Our SOFT-CATCH™ product placement system prevents product damage. Robust, stainless steel construction ensures reliable, 24/7 operation.

Versatron™ — A servo-based system allows the 939S Versatron™ Servo Case Packer to actually "catch" the product while it descends into the case. As the bottles descend through the grid fingers, the lift table moves down using a velocity curve which matches lift table speed to bottle speed. This provides the Soft Catch™ and prevents breakage. The servo-based lift table provides precision operation and uses no pressurized 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.

Versatron™ EZ — The Standard-Knapp 939EZ Case Packer provides 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.

Modules

Pic-N-Place — The Standard-Knapp Pic-N-Place module is our newest case packing module. The Pic-N-Place uses two servo-controlled arms and a gripper head to pick the product up off of the infeed, move it over the lift-table and lower it into the case. The use of two servo-controlled arms allows for pinpoint accuracy and extra gentle product placement. The Pic-N-Place system includes a pneumatically driven, bladder-based product handling head. The fingers grip the product with a pneumatic bladder, reducing the need for a lip at the top of the bottle.

Lowering Head — The Standard-Knapp Lowering Head module is a positive-control, gentle-placement case filling module. The lowering head provides direct, automatic control of the product and gentle placement without need for a lift table. The lowering head is a versatile module that can be used on both case packers and tray packers.

Continuous-motion Case Packers

Standard-Knapp offers a full range of Continuous-motion 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.

Orbitron™ – The 357 Orbitron™ is a great way to get bottles or cans into cases or preformed trays at speeds up to 65 cases per minute. The overhead flight section, which guides product into the box continuously, reduces the footprint. It is designed to handle non-carbonated/compressible products and can feed both corrugated and plastic, from ¼ to full-depth cases.

Centurion™ – The 985 Centurion™ is a high-speed/high-efficiency, continuous-motion case packer. It is designed to handle glass containers and insert them into partitioned cases quickly and carefully. It can feed ½, ¾ and full-depth cases. The Centurion™ has a small footprint and narrow profile for ease of installation and maintenance. Stainless steel construction, high-quality components and continuous motion reduce maintenance costs. The Centurion™ makes use of servo motors for accurate control, interlocked guard doors for safety and optional automatic lubrication for lowered maintenance requirements. It has an on-demand oscillator to automatically nest the product and down-product detection to prevent non-full cases.

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 drinks, 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 24/7 operation.

All **Standard-Knapp** systems are made of stainless steel for **robust, high-reliability** operation. They're designed for **simple operation** and include our **Walk-By Maintenance™** features. Modular design makes our systems **flexible** and **adaptable** to different installations and applications.



Orbitron™



Centurion™



PakMore™

Tray Packers

Tritium™ TSUP



Standard-Knapp's Tritium™ line of Tray/Shrink machines represents a leap forward in modular machine design and construction, as well as advanced functionality. Packaging flexibility for today... and tomorrow!



Tritium™ Shrink Wrapper

Tritium™ Tray/Shrink Packer – The latest innovation from Standard-Knapp is the Tritium™ TSUP, offering high reliability and robust construction for packaging PET, glass, HDPE, steel, aluminum and fiberboard into case, tray, film, U-board, pad and unsupported configurations. What makes the 598 Tritium™ truly innovative is its flexible, high-speed Robo-Wand™ wrapping module. The Robo-Wand module provides consistent, tight, wrinkle-free wrapping of a wide range of product sizes. The servo-controlled Robo-Wand has multi-axis control for limitless packaging possibilities without the need for change parts. This machine efficiently runs up to 120 trays per minute.



Tritium™ Multipacker

Tritium™ Shrink Wrapper – The Standard-Knapp engineering team, in collaboration with our major customers, has designed the 598 Tritium™ Shrink System to improve machine uptime, reduce maintenance requirements and simplify operation. It can operate at speeds up to 120 trays per minute and can be used as either a stand-alone machine or in conjunction with our Continuum™ Tray Packer as a continuous-motion Tray/Shrink solution.

Tritium™ Multipacker – 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™ line easy to assemble and maintain, and our Robo-Wand™ wrapping technology enables consistent, precision wraps and limitless wrapping possibilities.



Vanguard Wrap-Around Packer

Vanguard Wrap-Around Packer – The model 333 Vanguard produces a tight, square, cost-saving wrap-around tray or full case shipper. This machine's compact design allows it to fit onto any shop floor. The Vanguard's wide product packaging range includes cans, metal/composite, cartons, glass/plastic bottles, multi-packs, round or non-round, tubs, vacuum, gable top and aseptic packs. Pneumatically controlled top and side actuation provide complete control over compression – even delicate products are fully protected.

Change Parts

Standard-Knapp's numerous innovations in materials, design and techniques provide faster, more reliable, more consistent changeover. The increase in speed and safety means an increase in efficiency and a decrease in downtime.

Grid Basket

Patented Snap-In Grid Technology provides easy changeover and maintenance for a variety of product sizes.

- Ergonomic design
- Safe, easy changeover
- Minimize downtime

Riding Strips

Unique, slide-in design.

- Automatic alignment
- Durable materials

Lane Guide Spacers

The lane guide spacers ensure the perfect width for each product.

- Lightweight and strong
- Pre-assembled for convenient storage and installation
- Chamfered edges make for easy, drop-in replacement

Changeover Cart

The changeover cart provides sturdy, mobile storage for color-coded changeover parts.

- Consistent organization of the color-coded change parts
- Quick, easy access for fast changeover
- Holds 2 complete sets of change parts

Retrofit Grids

Standard-Knapp can custom retrofit a grid for any grid-based packing system. The complete grid system allows you to bring your old packers up to date at a fraction of the cost of a system replacement. The complete grid installs into your on-line packers with minor alterations, and all existing change parts can be used. The grid parts are interchangeable with new-model packers to lower future cost.

- Reduced changeover time
- Compact, lightweight change parts
- One master frame for a range of bottle sizes
- Positive component alignment and snap-in lock

Soft-touch Product Handling

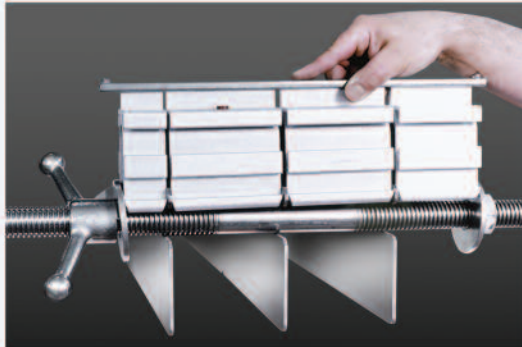
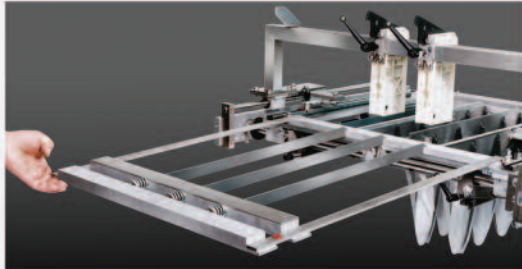
Gently packs a wide range of product sizes and materials.

- Spring-tensioned fingers accurately target and control product descent
- Precise targeting eliminates high bottles and label damage

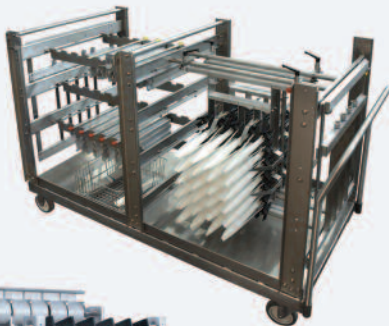
Grid Fingers

Designed for increased control, our damage-limiting fingers come in two varieties: stainless steel, side-slide fingers and plastic corner-glide fingers.

- The steel fingers are strong, non-binding and durable
- The plastic fingers are strong, light and resilient



Changeover Cart



Retrofit Grids



Grid Fingers



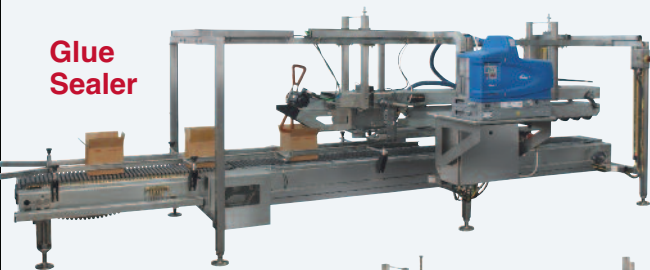


PikMore™ Uncaser

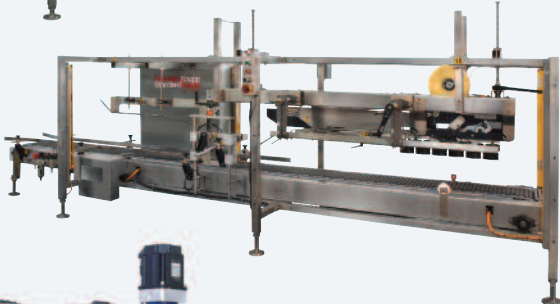


Slitter/Sealer

**Glue
Sealer**



**Tape
Sealer**



Laner

Packaging Line Enhancements

Standard-Knapp offers a variety of solutions across the packaging line. Whether uncasing, tab slitting, case sealing or product dividing, 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.

Glue Sealer – Standard-Knapp's 199 Case Glue Sealer quickly and efficiently seals Primed Flap and Re-shipper (RSC) cases. This inline machine utilizes a one-hose, four-gun, hot melt glue system, gluing and folding the top flaps in place.

Tape Sealer – Standard-Knapp's 199 Case Tape Sealer is a continuous-motion inline machine that provides consistent tape sealing of corrugated, RSC or primed flap cases.

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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