

Side Load & End Load Case Packers



Features:

- Precision machined components
- Attractive stainless steel main frame with polished finish
- Stainless steel guarding, shafts and contact parts
- Includes the latest servo technology
- HMI touch screen technology
- Smooth, quiet and care-free operation
- Controlled product indexing and staging
- Rapid changeovers through hand wheels, cranks and hydraulic lifts
- Easily accessible through fully interlocked clear Lexan® doors

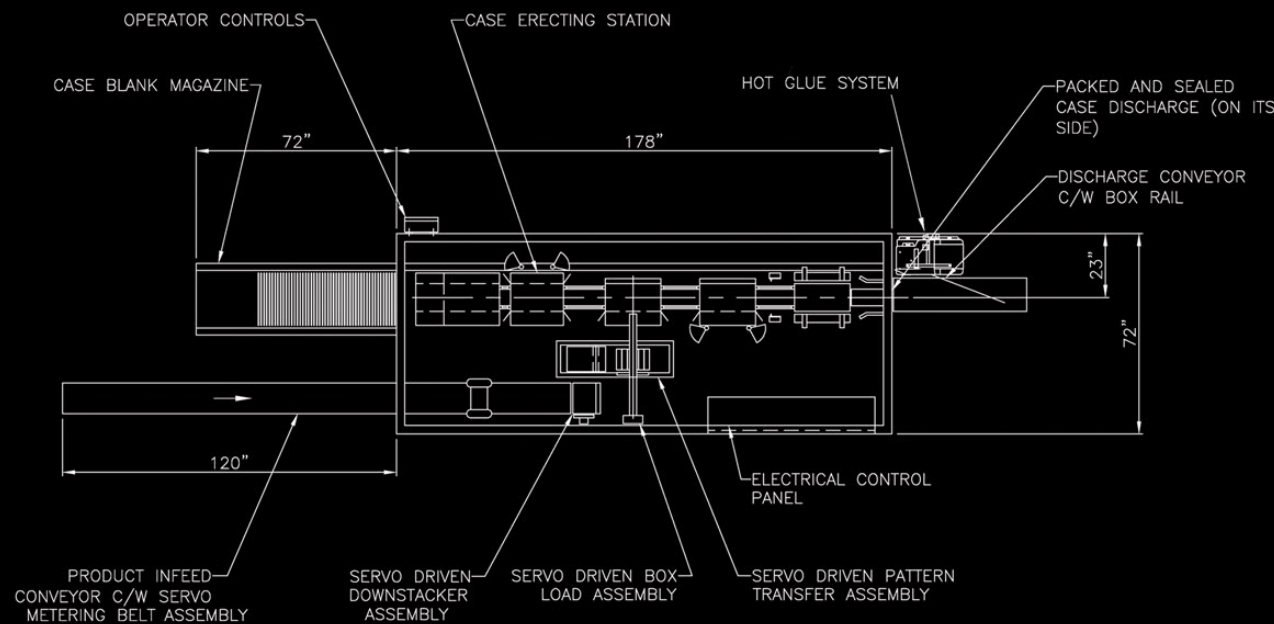
Side Load & End Load Case Packers



TR616SL & TR616EL

TR616SL Side Load and TR616EL End Load integrated case packing centers are designed to pack a variety of products into the side or end flaps of a conventional RSC style case. Both case packers include product infeed conveyors which simplify installation in the plant. In addition to product collating and product loading hardware, the TR616SL and the TR616EL include case erecting and case sealing modules to suit a wide range of cases. The TR616SL Side Load and the TR616EL End Load Case Packers are available in hot melt and pressure sensitive tape sealing configurations.

The design creativity of the Trinamics team combined with an extensive use of servo technology makes it possible to offer case packing solutions to suit a broad range of applications at sustained rates of up to forty cases per minute (subject to product and cases). The use of other standard features such as quick changeover components, selectable presets and operator friendly servo “teach” functions through the HMI, increase machine “up time”, line efficiencies and line productivity.



Side & End Load Case Packers can be used for a wide range of applications in most industries including:

- Food and Beverage
- Confections
- Pharmaceutical
- Household and Industrial
- Manufacturing
- Automotive
- Dairy
- Meat and Poultry



50 Centennial Road, Orangeville, Ontario L9W 3T4
 Telephone: 519-942-2442 Fax: 519-942-0886
www.trinamics.com



Side & End Load Case Packers



Full Product Control

A variety of infeed and handling systems are available to suit a range of product applications. Collated product is transferred to the shipper case under fully controlled circumstances.

Case Storage Magazine

An integrated powered case magazine holds a generous supply of knock down cases. The powered apron chains ensure consistency of case extraction from the horizontal magazine. Optional magazine extensions are available.

Operator Safety Doors

Vertically operating, category three interlocked operator access doors with clear Lexan® inserts provide full accessibility to the product stream. Secured panels below the product run provide full access for service and maintenance personnel.



Profitability & Efficiency

The use of features such as standardized controls, rapid changeover components and changeovers driven through an HMI touch screen can increase up time.



Clean and Accessible Design

The user friendly open design allows for easy access to components by operators and service personnel. Where space permits, local storage of change parts is accommodated.

Flap Guides

Positive flap control of both major and minor flaps ensure products are transferred from the staging area to the waiting case in a repeatable and controlled fashion.

Electrical Panel and Enclosures

The NEMA 12 electrical control cabinet includes a fused electrical disconnect as standard equipment. High voltage wiring is separated from low voltage wiring and all terminations are clearly labeled. Options include NEMA 4X cabinets and a variety of components to suit any build specification.

User Friendly Controls

The operator control panel features a touch-screen with full color alphanumeric display (see options). System diagnostics and operational status are instantly available to operational/maintenance personnel.

Programmable Logic Control

A PLC provides programmed control for all timing and automated functions. Optional PLC platforms are available to meet a variety of standardization requirements.

High Strength Timing Belts and Pulleys

Reinforced polyurethane timing belts used to transfer drive forces to mechanical components ensure reliability, repeatability and carefree operation over the long term. Belt stretch after installation is virtually eliminated.

Precision Slides

Smooth and repeatable motion of all product transfer assemblies is facilitated by the integration of quality precision hardened slider rails.

Servo Driven Product Transfers

Servo drives provide speed, precision, consistency, reliability, and repeatability for efficient product transfers and highly reliable case packing.

Polymer Chain Slides

Top and bottom apron and squaring chains run in enclosed polymer chain slides on the load and non-load side to ensure minimal wear and friction, reduced noise levels and enhanced service life.

Reliable Vacuum

Localized venturi style vacuum generators provide a consistent vacuum for reliable forming of cases. Other vacuum generation options are available to suit individualized specifications.

Frame

A heavy duty fabricated base frame of polished stainless steel provides an attractive and highly durable food plant finish. Fabrication welds throughout are continuous and pit free. Integrated machine casters provide portability, while large diameter adjustable footpads permit leveling for operation after installation.

