

# Sleeve Wrappers

## Features:

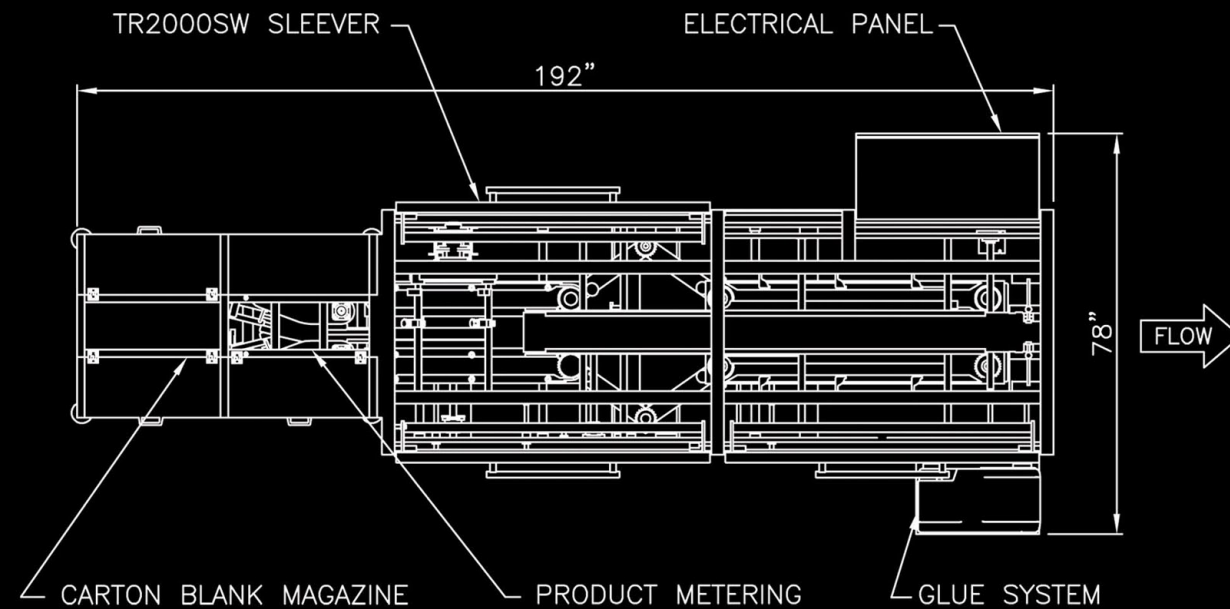
- Clean, efficient design
- Precision machined parts throughout
- Variety of magazines to suit any application.
- Rotary feeder for speeds up to and beyond 120 sleeves per minute
- Conveniently located operator control panel
- Venturi vacuum generator provides consistent vacuum
- Adjustable variable speed main drive motor and gearbox
- Stainless steel shafts throughout
- Synchronous product and sleeve flights ensure squaring
- Nordson ® hot melt tank, melt hose and melt applicator
- Belt and roller compression for glued sleeves
- Product discharge belts
- Clear Lexan ® fully interlocked doors
- Stainless steel lower guarding
- Variety of PLC control formats
- NEMA 12 enclosures
- 220, 440, 575 VAC 3Ø 60HZ

## Benefits

- Premium quality assures long service life
- Minimal maintenance required
- Customers work directly with Trinamics
- Gentle, positive product handling
- Operator comfort assures productivity
- High quality, low maintenance, saves labour
- Easy to troubleshoot and service, saves time
- Productivity and profit maximized

## Options

- Extended powered magazine
- Vacuum pump
- Deboss coding wheel
- Central or cluster lubrication systems
- HMI Touch-screen interface
- Stainless steel washdown configuration
- NEMA 4 or NEMA 4X enclosures
- Recommended spare parts



Sleevers 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



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# Sleeve Wrappers



TR2000SW

The compact TR2000SW continuous motion Sleeve Wrapper is a fully automatic form, load and sealing system designed to reduce packaging material consumption by utilizing an economical wrap-around sleeve. The TR2000SW Sleever can be utilized on a variety of products suitable for marketing in a wrapped flat die-cut sleeve. The robust construction of the TR2000SW Sleever facilitates sustained use in twenty four hour packaging environments.

Typical applications for the TR2000SW Sleeve Wrapper include frozen dinners, microwavable bowls, apple sauce cups, dairy cups and tubs and convenience snack cups.



# Sleeve Wrappers



**Enclosed Chain Slides**  
Sleeve and product carrier chains run in enclosed polymer chain slides to ensure minimal wear and friction, reduce noise levels and enhance service life.

**Rotary Feeder**  
A continuous motion rotary feeder provides consistent placement of sleeves for merging with product. The rotary feeder is capable of speeds from 10 to 120 sleeves per minute or more (consult your sales engineer).

**Frame**  
A ridged fabricated base frame of attractive polished stainless steel provides a highly durable food-plant friendly finish.

**Overhead Hold-Down and Sleeve Squaring System**  
The overhead sleeve and container squaring system provides a highly effective method of squaring sleeves over bowls, cups or tubs. The entire overhead drive system can be raised without effort for service or to clear a product misalignment.

**Powered Discharge**  
Discharge belts provide a smooth transition of finished sleeve from the sleeve to a discharge conveyor down stream from the sleeve.



**Sleeve Blank Magazine**  
An integrated powered sleeve magazine holds a generous supply of sleeves. The powered apron chains of the magazine advance the sleeves on demand to provide consistency of sleeve extraction from the magazine. Optional magazine extensions are available.



**Coding**  
Optional coding devices can be supplied to provide deboss, emboss or digital coding.

**Easy Access**  
The overhead squaring assembly lifts out of the way to provide easy access for service or clearing product.

**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.

**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.

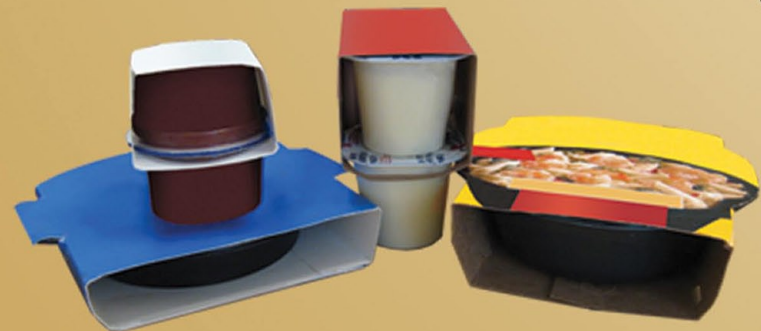
**Clean and Accessible Design**  
The user friendly design of the sleeve enhances operator competence and accessibility of maintenance personnel.

**Leveling Pads**  
Integrated machine casters provide portability; while large diameter adjustable footpads permit leveling for operation after installation.

**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 cabinet and a variety of components to suit any build specification.

**Full Product Control**  
Tailored product infeed control systems automatically index product from upstream into the sleeve where a rotary feeder places a die-cut blank on top of the product. The "captured" product is then used as a forming mandrel for the die-cut sleeve blank. Short beads of hot melt adhesive applied to the sleeve prior to forming the full wrap provide positive adhesion for securing the end flaps in place.

**Reliable Vacuum**  
Localized venturi style vacuum generators provide a consistent vacuum for reliable feeding of sleeves. Other vacuum generation options are available to suit individualized specifications.



**Automatic Wrap-Around Sleeving**  
The TR2000SW continuous motion Sleeve Wrapper is a compact, fully automatic form, load and seal sleeving system designed to wrap economical die-cut blanks fully around a product.

