

SINCE 1994

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UTIER | UTIEN PACK

TRAY SEALER

—
Since 1994

To Create Products
We Can Be Proud of



ABOUT UTIEN

Established in 1994, Utien Pack is a technology-driven enterprise specializing in the development and production of fully automated packaging machinery. With over 30 years of experience—particularly in the design, R&D, and manufacturing of tray sealing systems—we've grown into a trusted brand in packaging industry.

Utien Pack holds 50+ patented technologies, has participated in the drafting of 10+ national and international standards, and builds every machine to meet the demands of local markets. Exported to over 50 countries, our equipment is engineered for long-term reliability and regional adaptability. We are committed to delivering efficient, precise, and sustainable packaging solutions across food, medical, and industrial sectors.



TRAY SEALERS

With decades of expertise in tray sealing technology, Utien Pack offers solutions tailored to the evolving needs of modern food production. Our tray sealers are fully self-developed to ensure performance, flexibility, and reliability. Supporting multiple packaging solutions—including top seal, MAP, and Unifresh® skin packaging—our systems help extend shelf life, enhance product presentation, and meet diverse market demands.

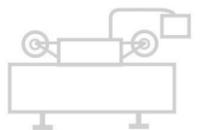


FG Series

Semi-Auto Tray Sealer

FSC Series

Automatic Continuous Tray Sealer



FG Series

Semi-Auto Tray Sealer



Application Video

The FG Series semi-automatic tray sealer is a compact and efficient solution designed for small-scale production facilities. Engineered for safety, reliability, and ease of operation, it supports top seal, Modified Atmosphere Packaging (MAP), and Vacuum Skin Packaging (VSP). Ideal for small to medium output, it features a user-friendly interface requiring minimal training and mold easy change design provide flexibility.

Built-in Film Roll

Separated from outer environment.



PLC Control Panel

User-friendly touch interface with multi-function control.

Mold Easy Change Design

Innovated for fast mold change to accommodate production needs.

Built-in Busch Vacuum Pump

Compact structure with strong vacuum performance.



Double Start Button

Industry Application

The FG Series is designed to support a wide range of industries. Its versatility makes it a reliable choice for clients seeking consistent performance across diverse product types.



Meat Industry

Ensures extended shelf life and product presentation.



Dairy Industry

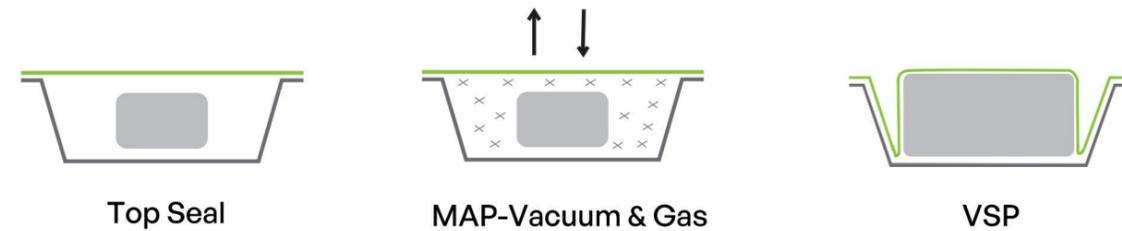
Secures sealing for cheese, yogurt, and others.



Ready Meal Industry

Preserves freshness during storage and transportation.

Packaging Methods



Technical Parameters

Semi-Auto Tray Sealer	
Standard Model	FG-020, FG-040
Packaging Option	Top Seal, MAP, VSP
Packaging Speed	2~3 Cycles/min, MAP 2~3 Cycles/min, VSP 5 Cycles/min, Top Seal
Vacuum Pump	40m ³ /h, 100m ³ /h
External Diameter of the Film Roll	≤300mm
Power Voltage	380/415/220V x 3 Phase(can be customized)
Gas Replacement Rate	≥99%
Oxygen Residual for MAP	≤0.4%
Gas Option	N ₂ , CO ₂ , O ₂
Top Film	Transparent and Pre-printed Top Film
Package Application	Fresh foods, cooked foods, seafood, frozen products, ready meals, fruits and vegetables...
Machine Dimension	FG-020: 900x950x2000mm FG-040: 1100x950x2000mm

FSC Series

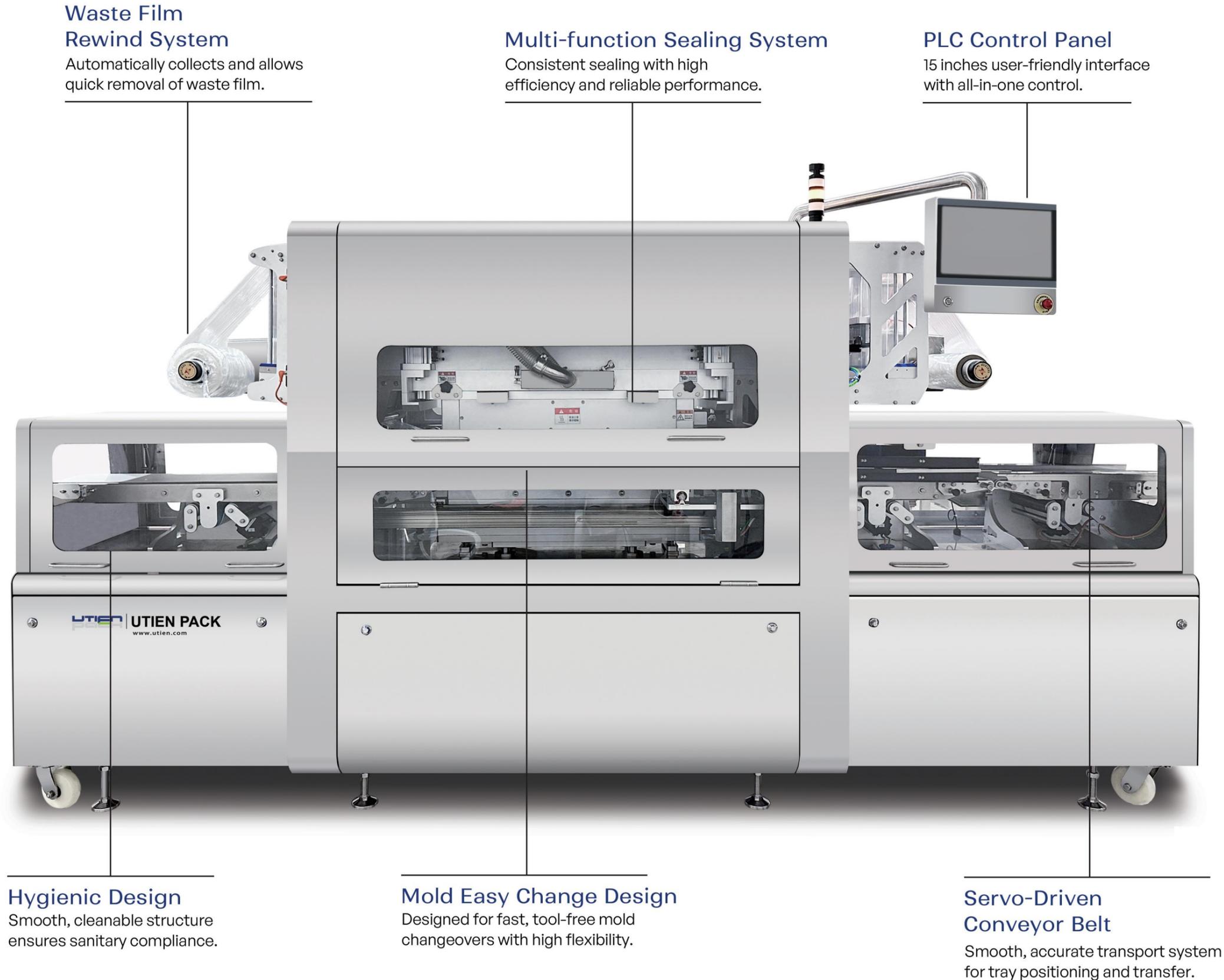
Automatic Continuous Tray Sealer

The FSC Series automatic continuous tray sealer is designed for large-scale, high-output production. Powered by advanced automation technology, it completes the entire sealing cycle automatically. Supporting top seal, MAP, and Unifresh® VSP, it integrates seamlessly into production lines to deliver speed, consistency, and efficiency. Its hygienic stainless-steel design meets the rigorous standards of modern food, industrial, and medical packaging environments.

FSC Series | Tray Sealer



Application Video



Waste Film Rewind System
Automatically collects and allows quick removal of waste film.

Multi-function Sealing System
Consistent sealing with high efficiency and reliable performance.

PLC Control Panel
15 inches user-friendly interface with all-in-one control.

Hygienic Design
Smooth, cleanable structure ensures sanitary compliance.

Mold Easy Change Design
Designed for fast, tool-free mold changeovers with high flexibility.

Servo-Driven Conveyor Belt
Smooth, accurate transport system for tray positioning and transfer.

Industry Application

The FSC Series is engineered to deliver maximum efficiency in large-scale operations. Its advanced automation makes it ideal for industries requiring high throughput and consistent sealing quality.



Meat Industry
Supports continuous packaging for fresh or processed meats.



Seafood Industry
Delivers fast, reliable sealing while extending shelf life.

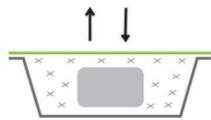


Ready Meal Industry
Streamlines packaging of prepared meals.

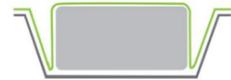
Packaging Methods



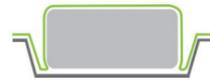
Top Seal



MAP-Vacuum & Gas



VSP



Unifresh® VSP

Parameter

Automatic Continuous Tray Sealer

Standard Model	FSC-400, FSC-600
Packaging Option	Top Seal, MAP, VSP
Packaging Speed	6~8 Cycles/min, MAP 6~8 Cycles/min, VSP 10~12 Cycles/min, Top Seal
Vacuum Pump	200m ³ /h, 300m ³ /h
External Diameter of the Film Roll	≤300mm
Power Voltage	380/415/220V x 3 Phase(can be customized)
Gas Replacement Rate	≥99%
Oxygen Residual for MAP	≤0.4%
Gas Option	N ₂ , CO ₂ , O ₂
Top Film	Transparent and Pre-printed Top Film
Package Application	Fresh foods, cooked foods, seafood, frozen products, ready meals, fruits and vegetables...
Machine Dimension	FSC-400: 3800x1200x1900mm FSC-600: 4600x1200x1900mm





Mold Change Trolley

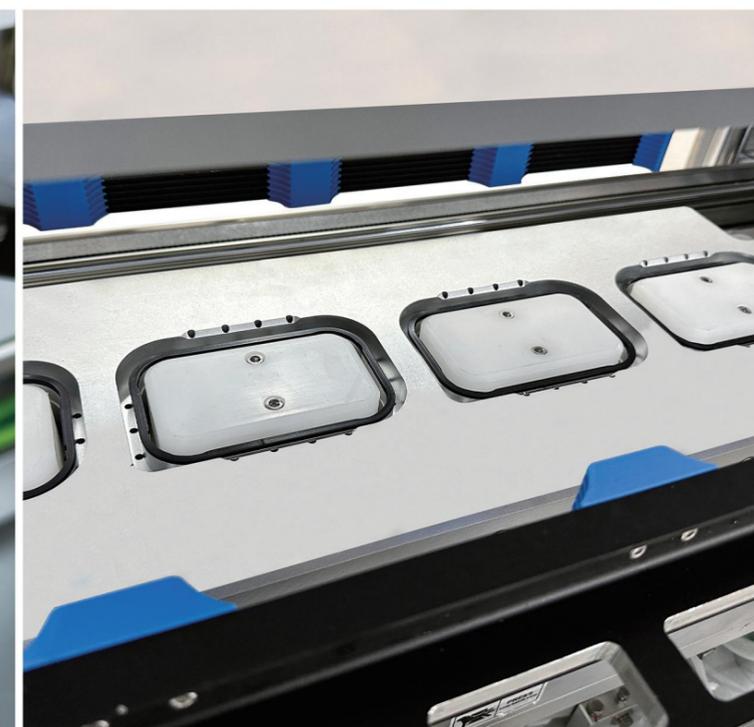
An optional accessory designed to simplify the mold change process, protect molds and components, and reduce the risk of operator injury. The trolley provides organized storage for molds and related tooling, while enabling fast, efficient, and damage-free replacement. It eliminates the risk of improper handling, reducing downtime and extending the life of key components. By automating the mold transfer process, the system enhances safety and operational efficiency for high-volume production environments.

Automated Mold-Change & Storage

The trolley securely stores the mold upper and lower section, grippers, and other parts. It enables quick and safe mold changeovers by retrieving the current mold and allowing smooth placement of the new one—minimizing manual contact and potential damage.

Integrated Preheating Function

The sealing plate is preheated by the trolley in advance, ensuring it reaches optimal temperature before being installed. This reduces machine downtime during mold change and improves sealing consistency. The feature is engineered for safety, thermal control, and optimized production efficiency.



Application

