

Tetra Pak Case Wrapping Technology



U-PACK YZ-WAT SERIES

Automatic Case Packer for Tetra Pak---Whole wrapping/Half tray

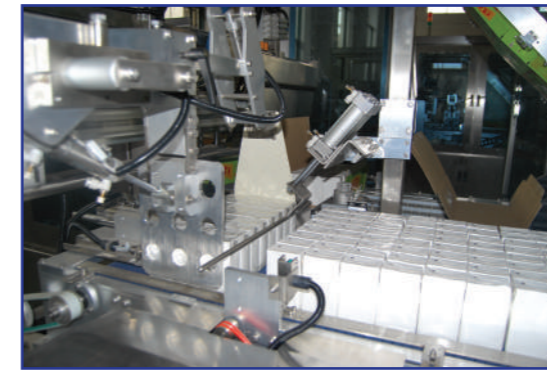
TEPAC® Tetra Pak Wrap Around Case Packer

Tetra pak wrap around case packer is widely used in dairy and beverage industry, fully automated secondary packing aseptic package like Tetra pak and Combibloc, etc. It greatly increased the production efficiency and save labor.

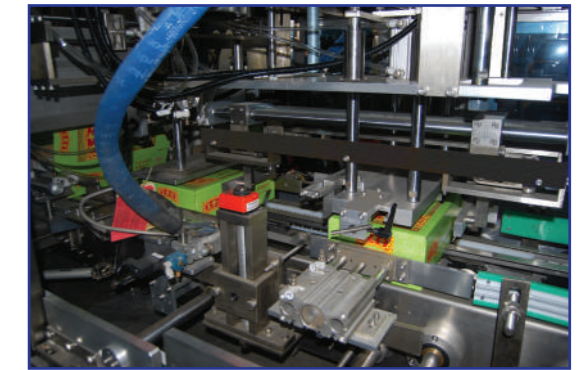
This machine is usually installed between filling machine and palletizer. It arranges products orderly by mesh belt conveyor, dividing into eight rows or four rows in group according to customer's packing manner, at the same time using the machine arm theory to pull down the paper from empty cardboard stock bin to the main drive chain, cardboard bottom molding and reaching to the setpoint with products, pushing products on paper by using the machine pushing mechanism, chain walking to the back segment station with spraying glue, covering and molding, using



Product grouping system



Pushing mechanism



Carton molding and gluing system

- Carboard stock bin size is adjustable, for adapting different sizes of corrugated carton
- Stock bin can holds 500 carboards
- Equipped with unique anti-down patented technology, for realizing smooth feeding
- Through the feedback of optical signal sensor, sending out fault error alarm
- Fault that seriously affect the equipment and product package will automatically stop the machine
- The machine equipped with automatic lubricating system
- Inside the machine, all the tray arks, junction boxes and terminals meet IP65 protection class
- Comprehensive protection design to avoid surface pollution and wear when machine parts contact with products



PLC controller and touch screen	Siemens S7
Servo system	Schneider
Sensor	P+F
Low-voltage electrical components	Schneider
Pneumatic component	SMC
Hot melt adhesive system	Nordson

This series case wrapping machine use compact design to occupy the least space, the main frames and components are made of SUS304 stainless steel, other parts adopt aluminum material. The machine adapts to the dairy products and beverage industry, can work in a damp environment.

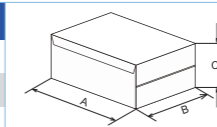
In the process of usage, according to the adjustment part scale and unified adjustment crank, adjust the machine against different packing product sizes. Steps of machine fine-tuning is quick and easy, it can be finished in 15 minutes. All protective door are equipped with safety switches. The machine will stop immediately when open the door, to ensure safe operation without accidents.

In terms of service and maintenance, the configuration of the machine main part structure and electrical components is scientific and reasonable for facilitating maintenance. Its framework is designed with welding structure, make its form an airtight structure, convenient cleaning. The drainage system is designed with water residue. In the conditions allow, wire slot should be away from the damp environment. In order to facilitate water or lubricant natural discharge, use open slot. All parts are engraved with part Numbers, unified standards raise interchangeability, greatly improve the timeliness and accuracy of the after-sales service.

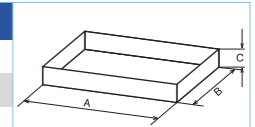
In this series wrap around case packer, YZ-WAT15 is the whole packing case packer, YZ-WATS15 is the half tray packer and shrink wrapper, this machine can realize tray packing for asptic package, then wrap and heat-shrink the tray pack through tunnel kiln, that makes the packaged products more slid and beautiful, and geatly save the packaging material.



Carton size after molding	
Length (A)	200-500mm
Width (B)	160-400mm
Height (C)	100-350mm



Tray size after molding	
Length (A)	200-500mm
Width (B)	160-400mm
Height (C)	40-300mm



* Customized according to customer requirements

Model	Capacity	Packing type	Suitable products	Machine size	Machine weight
YZ-WAT15	15 CPM	Whole carton wrapping	Tetra pak, Combibloc, etc.	L3500xW2300xH1800mm	3500KG
YZ-WATS15	15 CPM	Tray pack + shrink wrap	Tetra pak, Combibloc, etc.	L11000xW2300xH1800mm	4800KG



Adress: No. 558# Tianhuan Rd. Shanghai, China

Postcode: 201517

Tel: +86 21 6979 2041

Fax: +86 21 6979 2046

Hot line: **400 668 2041**

E-mail: sales@yuzhuang.com

Web: www.yuzhuang.com

Video: www.u-pack.tv

