

A photograph of an industrial case packing machine. The machine is primarily made of metal and wood. It features a conveyor belt with blue rollers. Several clear plastic bottles are being processed. A large, flat, brown cardboard sheet is being fed into the machine, likely to be wrapped around the bottles. The background shows more of the factory environment with various mechanical parts and pipes.

Wrap around Technology

U-PACK YZ-WAH SERIES

Automatic High Speed Wrap Around Case Packer

HiCONT® High speed Wrap around Case Packer

This equipment use servo-drive control technology, accurate position, soft motion, easy for operation and setting, free to adjust running speed, have a large cardboard storage, storing range is 800 pieces of cardboard and artificial pile up easily. This machine has large production capacity, high efficiency, good continuity, running stability, cardboard breakage rate is very low, carton firmly bond, the forming beautiful.



Bottle infeding system



Bottle grouping system



Cardboard infeding system



Case Forming System

HiCONT® YZ-WAH45

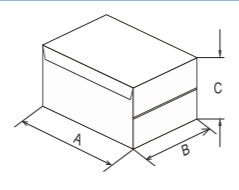


This machine was chosen ELAU servo control system which was in the world leading level. Because it combines computer technology, communication technology and automatic control technology, so it has very strong system expandability, networking capability and good openness. It's easy for remote diagnosis by standard Ethernet, so that our customer can get equipment maintenance in the first time. This machine uses advanced low-impact, infeed, separate bottles system, make the adjustment more convenient when change the bottle type or packaging type, soft bottle arranging device make the bottle conveying system more smoothly without blocking. With the servo drive make the thrust (conveyor belt transmitted to the divider system) to the minimum, then prevent the bottle broken by press.

- Soft bottle arranging device make the bottle conveying system more smoothly without blocking
- Empty cardboard with chain, make the delivery more smoothly
- Advanced low-impact, infeed, separate bottles system
- PC touch screen control panel
- Red graphic warning signs shows machine breakdown
- With the servo drive make the thrust to the minimum



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



PLC controller	Siemens
Frequency drive	Danfoss
Main motor	SEW
Hot melt System	Nordson

*Customized according to customer requirements

This machine will be divided into three rows of the bottles by the part of bottle infeding conveyor network belt (according to the packaging type, it can be adjusted to 3 or 4 rows), then the bottle enter into divider chain of the packing machine, by the servo motor drive control the divider to divided the bottle into 4 rows(according to the packaging type, it can be adjusted to 3~6 rows), accurate grouping; At the same time the blanks feeding& conveying mechanism will synchronized send the case to each group of products, on the coordination between the case forming machine and the gluing& sealing device to complete the final packaging and forming; Five servo motor and mechanical adjustment synchronization will complete each parts synchronization, to ensure each group of product packaging accurate, qualified and elegant.



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