

Blister Packing Machine

● GENERAL:

Based on fast production need and forecasting of world trend of cGMP & PIC/S GMP packing requirement to match Europe standard and market requirement.

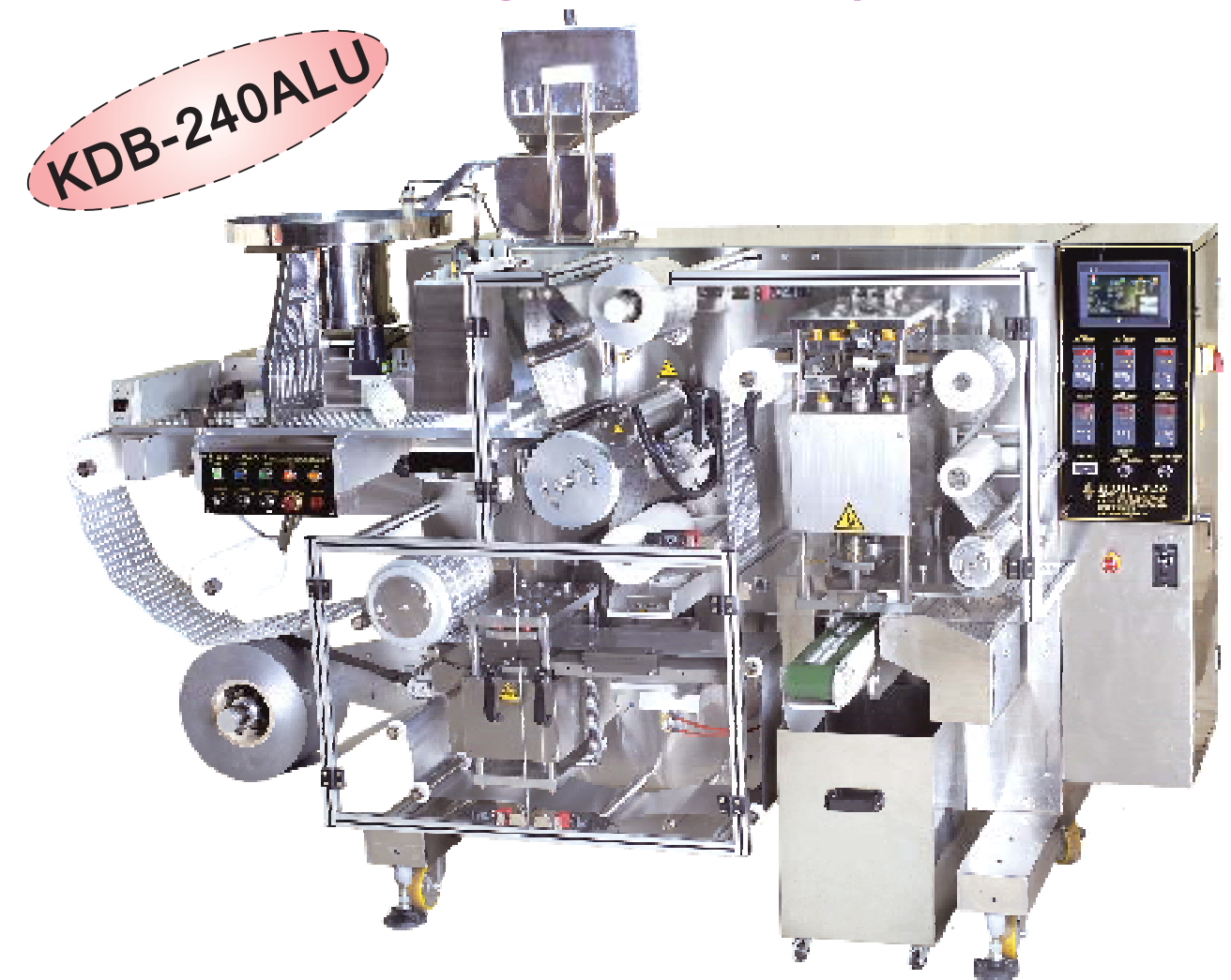
Kwang Dah spend years of research and developing, change single line (KDB-120) to double line(KDB-240) production process and machine function remain same with KDB-120, successfully increasing production speed up to 400 blisters/minute satisfy customer's fast production need.



● FEATURES:

1. Compact size with all function and fast production.
2. Equipped with trouble detection system which displays where the trouble is.
3. The machine adopts a no waste trimming method to save material. Trimming by precise Index, not waste packing material between two blisters and saves material cost.
4. It is very easy to exchange all the size change parts. It takes less than 30 minutes to finish.
5. Main frame is covered with stainless steel. This makes it easier to clean and meets cGMP & PIC/S GMP standard.
6. It is neither noise nor creates public hazards and it is easy to operate.
7. By Cross Net sealing isolate Oxygen and humidity, expiration is about 4 times longer than traditional dot-type sealing.
8. By advantage Rotary Sealing System Sealing instantaneously to prevent high temperature getting into the blister pockets not effect medicine characteristic.
9. Conveyor Belt design blister transfer to next station automatically.
10. Mechanical transmission design , moving precisely and more save power
11. Precise index lead running parts locate position precisely save operator's un-necessary adjust time during operation.

Blister Packing Machine (For ALU/ALU)



● GENERAL:

In order to preserve medicine longer based on KDB-240 (PVC/ALU) machine structure Kwang Dah specially develop double line KDB-120ALU (ALU/ALU) capable to produce PVC/ALU and ALU/ALU blister both.

By Cold Forming way enforce aluminum film draw extension in pressing mold then formed aluminum pocket.

Due to aluminum characteristic it will keep contamination away from aluminum pocket, isolate Oxygen and humidity and avoid direct sunlight affect, keep medicine shelf life longer.

This compact size machine with all functions, starting from smooth Cold Forming, Pin Hole detect, Auto feeding, Missing detect, Rotary Sealing, Coding, Perforation, Trimming, Blister Transfer, offering user automatic production process.

KDB-120ALU can produce PVC/ALU and ALU/ALU both. In addition, It can work with other materials like PVC, PVDC, PP, PET...etc.



Blister Packing Machine

Option:



Automatic Feeding Device For Capsule & Tablet:

The capsule or tablet can be filled 100% automatically into blister pocket by vibrating feeder and aluminum dosing block.



Automatic Feeding Device For Capsule & Tablet:

The capsule or tablet can be feed 100% automatically into blister pocket by vibrating feeder and spring chute.



Automatic orientation device for capsule (capsule only):

Automatically fill the hard capsule into the blister pocket at same direction.



Brush Feeder:

Easy to feed all different kinds of products into the blister pocket with brushes.



Pin Hole Detect and Reject System:

Capable of detect Pin Hole and Cracked ...etc. from formed aluminum pocket and reject. (for ALU/ALU only)



Miss-Feeding Detect and Reject System:

Capable of detect miss-feeding product by sensor system and reject.



Miss-Feeding Detect and Reject System:

Capable of detect miss-feeding product by economic type camera and reject. (for PVC only)



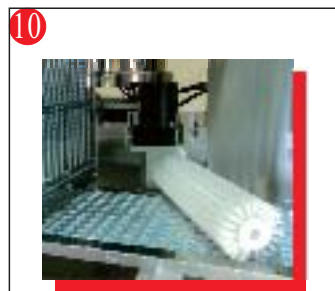
Miss-Feeding Detect and Reject System:

Capable of detect miss-feeding product by high end camera and reject.



Eye Mark Sealing System:

Make printed Lidding Foil and Pocket consistence.



Auxiliary Brush :

Assist products drop into pocket or sweep out products.



Over Pocket System:

Feeding products over pocket sensor will check then stop machine automatically.

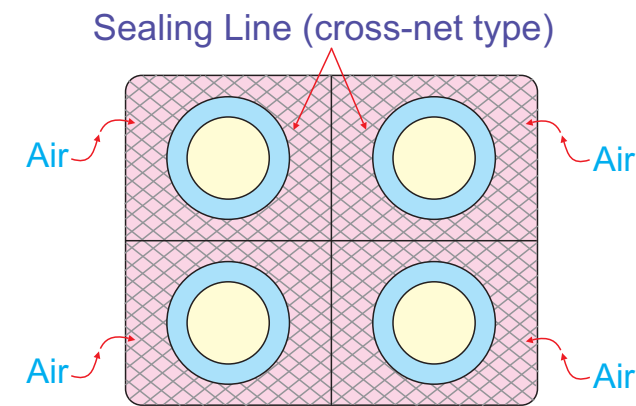


Chiller :

Cooling water for machine operation need.

Blister Packing Machine

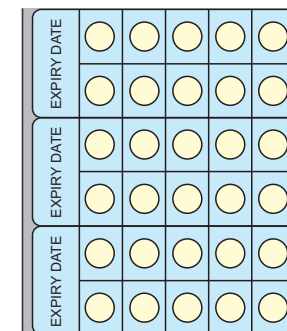
KD Machine:



Cross-net type sealing (Rotary type sealing) :

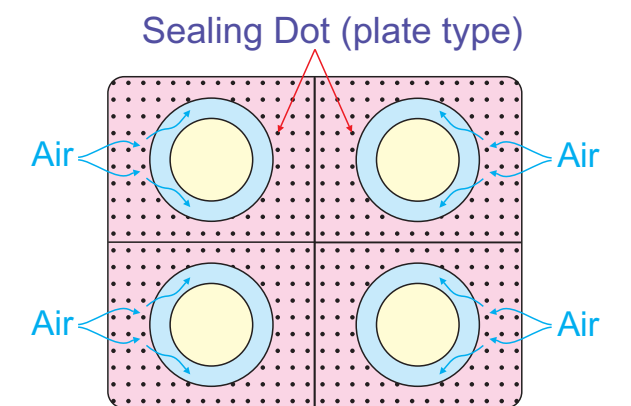
Due to crossed net sealing is capable of blocking the air completely and prolonging medicine preservation about 4 times over plate type sealing.

The cross-net sealing is composed of two rollers compressed in a single line with a instantaneously contact area preventing high temperature getting into the blister pockets, will not affect medicine characteristic.



The machine adopts a no waste cut method, so no wasted material is produced. It can save about 1/5 of material compared to plate type machine.

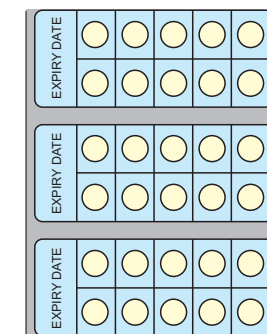
Traditional Machine:



Dot type Sealing (Plate-Type Sealing) :

Plate type uses dot-type sealing, air get into the medicine thus shorten expiration date.

Since the sealing area is wider and sealing time longer during the sealing process, Oxygen and humidity easily get into the blister pockets. decreases the affect medicine characteristic a lots.



3~5mm

Plate-type of trimming wastes about 3-5 mm of material between two blisters and increases cost at the same time.

Size Change Parts

For PVC



For ALU/ALU

