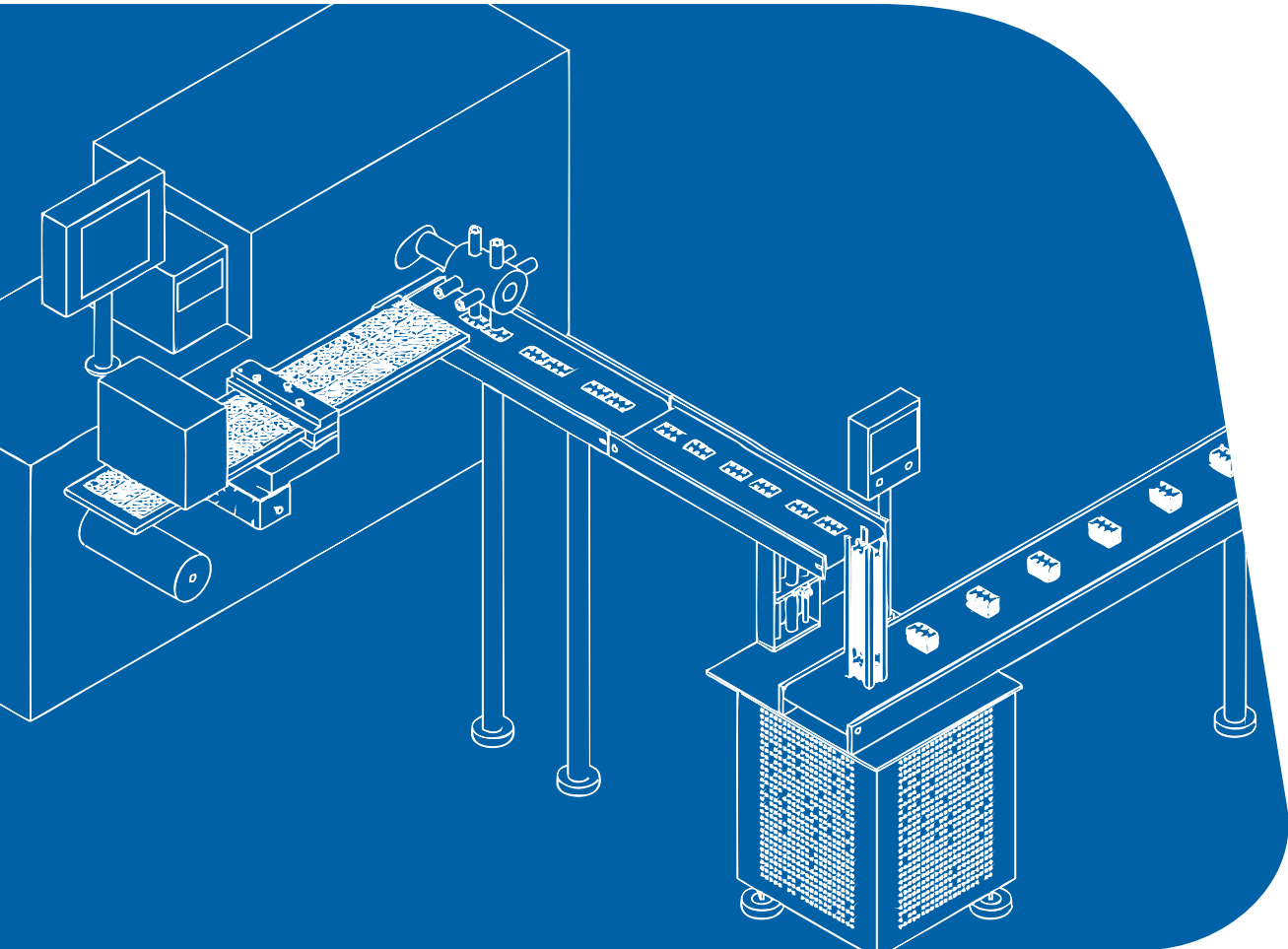




AS AUTOMATIONS

Automation in Pharma Packaging



**Automation
In
Blister
Packaging**



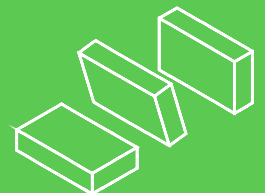
**Automation
In
Strip
Packaging**



**Automation
In
Sachet
Packaging**



**Automation
In
Secondary
Packaging**





About Us :

Founded in 1999, A S Automations has ever since focussed on developing innovative solutions for quality control on pharma packaging machines, strictly tailored to the specific needs and real practice demands as well as with economic aspects.

Our continuous developments in instruments and processes ensure that the most modern technologies in electronics, optics and image processing are available. A S Automations offers a wide range of application specific and well-established detection systems for the control of pharmaceutical packaging. This range covers from simple control sensors to much complicated detection systems.

The production of pharmaceutical products and especially their automatic packaging requires the highest standard of safety to safeguard against errors, mix up with products or packaging material etc... According to present guidelines, packaging is to be treated in the same way as manufacturing. With both automatic and manual packaging procedures, only state-of-the-art technology can be used which is rapid, flexible and which can communicate with other systems.





Our Product Range

Automation in Blister Packaging

Page 4 - 6

- 1) Online Product Recovery System
- 2) Universal Blister Collator
- 3) PVC Cleaning System
- 4) Stray Product Detection
- 5) NFD on Blister Pack Machine
- 6) Web Loop Control for Blister Machine

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Automation in Strip Packaging

- 1) NFD Systems on Strip Packing Machine
 - ◆ Universal NFD System
 - ◆ IR NFD System
 - ◆ Combo NFD System
 - ◆ NFD with Collator link-up
- 2) Addition of Different Interlocks

Automation in Sachet Packaging

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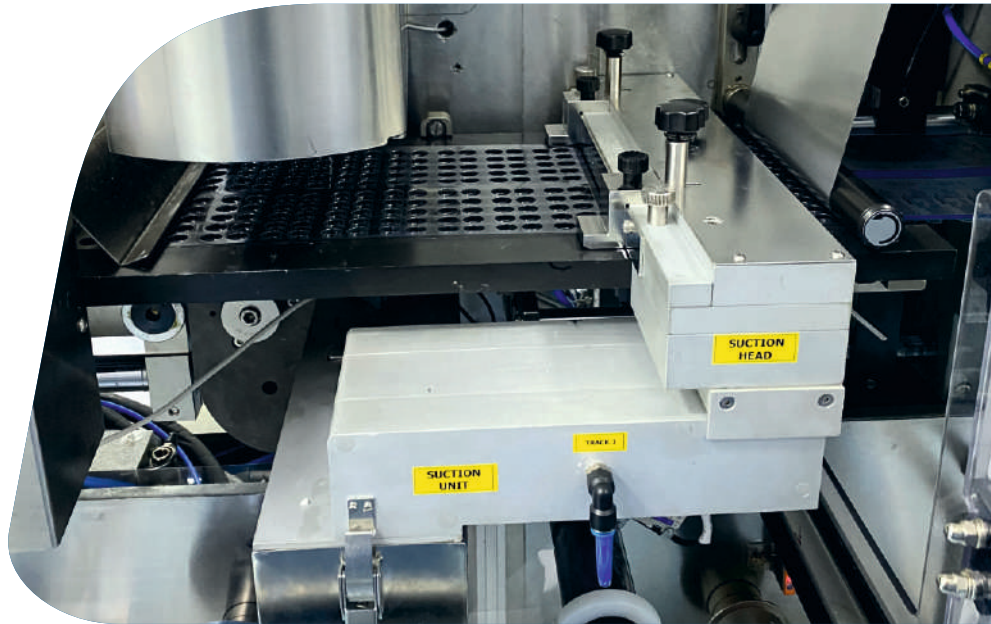
- 1) NFD System for Sachet Machine
- 2) Universal Sachet Collator

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Automation in Secondary Packaging

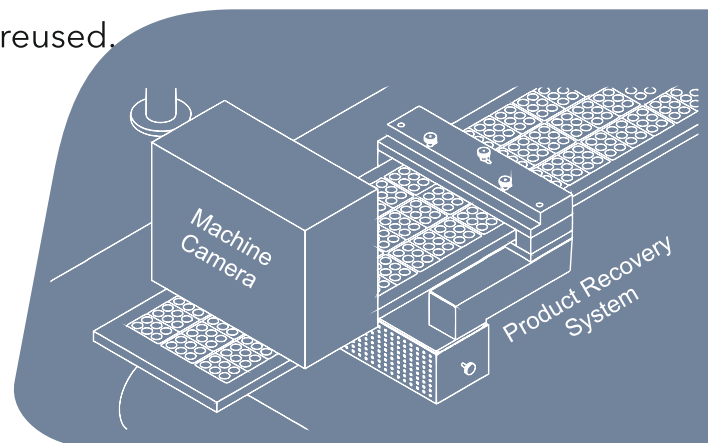
- 1) Carton Collator
- 2) Servo Blister Magazine
- 3) Modular Conveyors

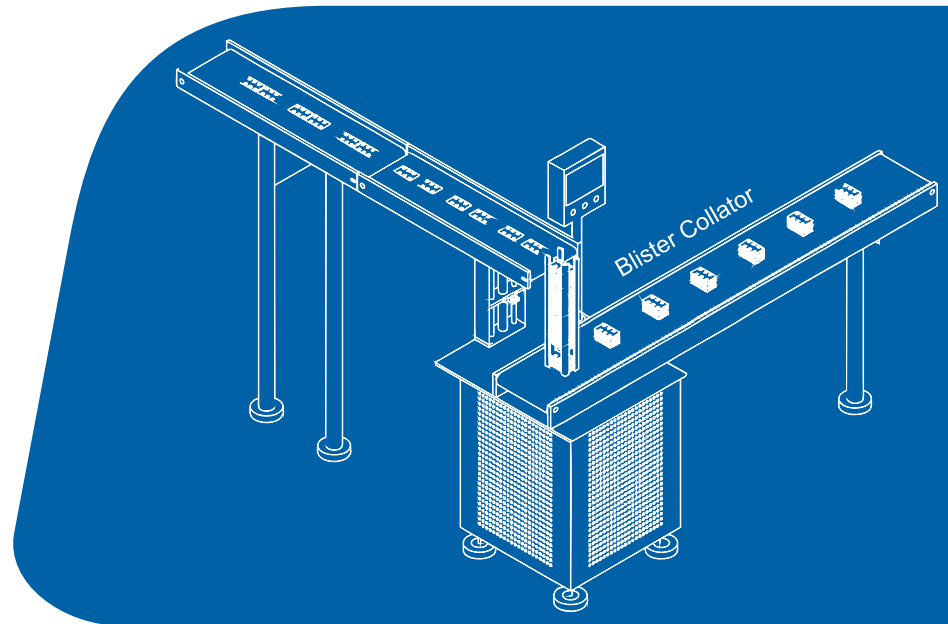
Automation In Blister Packaging



Online Product Recovery System :

- Product is recovered from Camera Rejected blisters.
- Recovery system is linked to machine camera.
- Recovery mounting position is before blister sealing station on guide track.
- Manual defoiling is avoided which results in manpower saving.
- Full proof system as blister rejection link is provided for each recovered blister at the punching station.
- Due to online defoiling, packing time for each batch reduces which results in increased production.
- Product remains in the same environment which is very crucial for some temperature sensitive products.
- Manual contact is avoided.
- Product quality remains unchanged hence can be reused.
- Successfully installed on IMA-PG, ACG, Elmach, CAM, Uhlmann & Romaco blister lines.



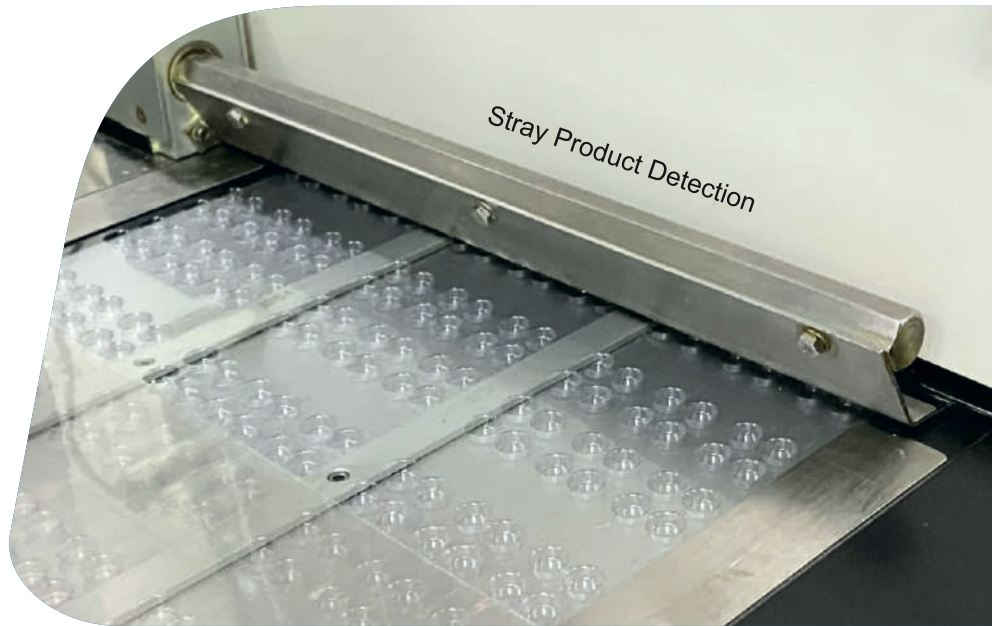


Universal Blister Collator :

- Collation of blister to provide stack as per outer carton count.
- Directly linked to Blister machine through infeed conveyor.
- Mainly suitable for packing stack count which are beyond the cartonator capacity.
- Collator can be linked with existing blister packing lines via Blister Pick & Place system.
- Combi-Pack blisters as well as small size blisters can be collated.
- Suitable for offline packing operations with reduced man power requirement.
- Can be easily added in existing blister lines with few modifications.
- Stack count is programmable & to be set on system HMI.
- Suitable for all blister packing machines lines.

PVC Cleaning System :

- Automatically cleans the plain & formed PVC web which eliminate foreign particles.
- In this system air is blown on to PVC surface which releases unwanted particles which in turn get sucked via vacuum in the second section.
- This system outlet need to be connected to dust collector.



Stray Product Detection :

- Detects extra tablets (double tablets) on the PVC web after feeding on guide track.
- Stray Product System is very handy and fixed to guide track of blister pack.
- Can be installed on any Blister packing machine.

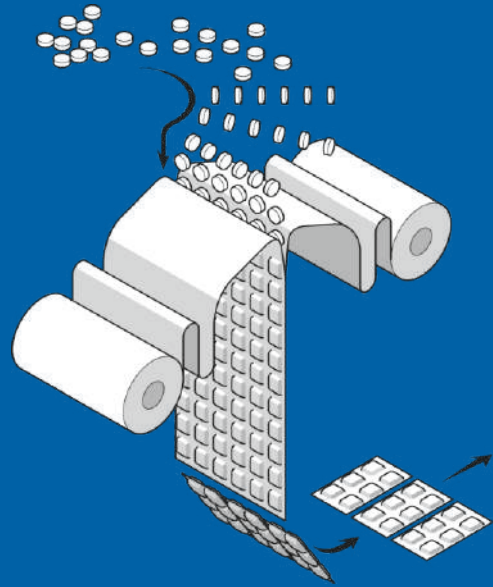
No Fill Detection (NFD) on Blister Machines :

- Checks presence and absence of product in a cavity.
- Low cost empty detection option.
- Very less mounting space required on machine guide track.
- Can be easily added on any blister line.
- Provision for online rejection of empty blisters.
- Universal sensing head suitable up to 15 track change part.
- Forming, Sealing, Dry ink & Foil Joint rejections provision is available.

Web Loop Control For Blister Machines :

- Check loop length of sealed blister web.
- Compact system with no change part.
- Suitable for all types of blister pack machines.

Automation In Strip Packaging



No Fill Detection (NFD) on Strip Packing Machines :

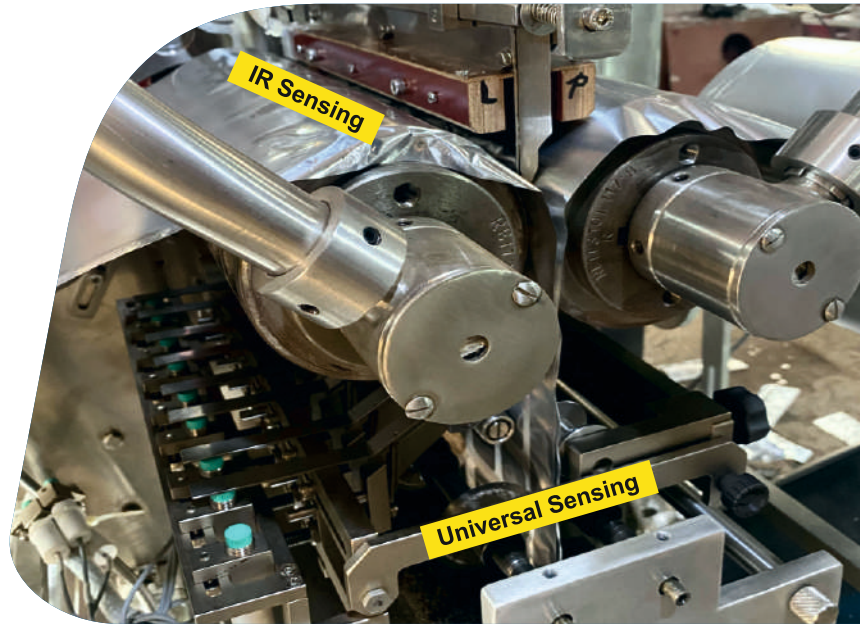
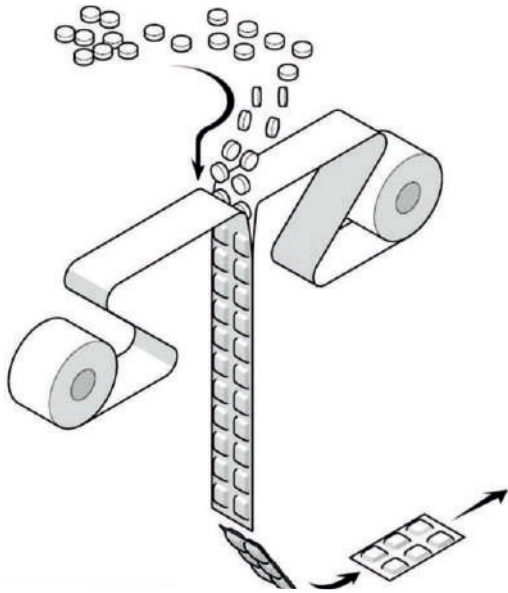
- Checks the presence on product in every cavity.
- There are two types of sensing options are available :
 1. Mechanical sensing (after sealing).
 2. IR sensing (before sealing).
- Online rejection of empty & partially filled strips.
- Production counter is provided.
- Foil Joint, Sealing and Dry Print rejections are available.
- Tablet hold provision for Foil Joint & Printing rejection which saves product.
- NFD systems is suitable for all Strip machine speeds without any trouble.
- NFD interface is via touch screen HMI.

1. Universal NFD System :

- Separate mechanical roller assembly is fitted below sealing roller.
- Product is sensed by profile sensing with the help of mechanical rollers which rest on strip surface.
- NFD is suitable up to 16 tracks.
- No change part is required.

2. IR NFD System :

- Separate IR change part for every feeding channel.
- Suitable for all pharma products.



3. Combo NFD System :

- In this type both sensing options are provided.
- Mechanical and IR sensing are integrated in single control panel.
- Covers all strip packing products.

4. NFD With Collator Link-up :

- Universal NFD can be added to collator attached strip machine.

Addition of Interlocks To Strip Pack Machine :

1. Foil Joint Detection :

- Online foil joint detection and rejection.
- Tablet hold provision present.

2. Burnt Tablet Rejection :

- The burnt product near sealing roller after machine stop is rejected online.

3. Printing Rejection :

- Online rejection and tablet hold provision present.

Automation In Sachet Packaging



I. Sachet NFD System :

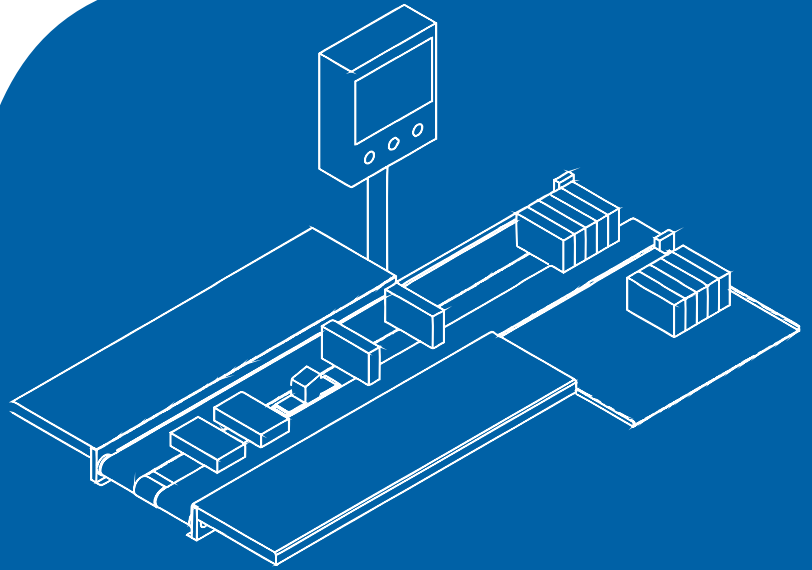
- Checks contents inside the sachet after sealing.
- Servo based mechanism which synchronises with machine speed.
- Online rejection of empty sachets.
- Production counter is provided.
- Successfully installed on Wraptech, Mespac, Easysnap, V-shapes sachet packing lines.

2. Univesal Sachet Collator :

- Collation stack is programmable from 5 to 30.
- Sachets will be picked up at the output of check-weigher machine.
- Can be linked to any sachet packing line.



Automation In Secondary Packaging



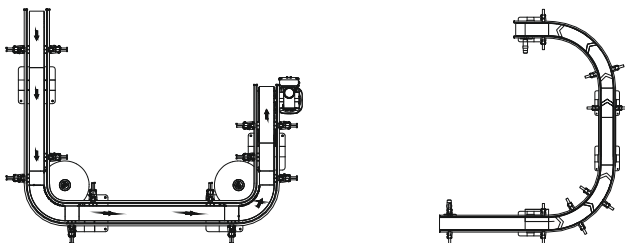
1. Carton Collator :

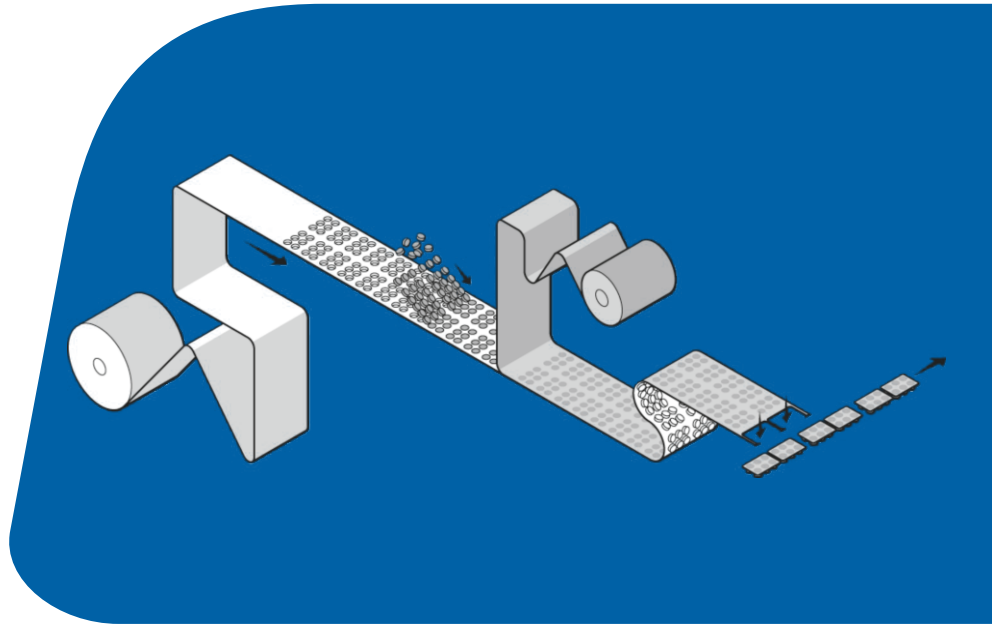
- Can be directly attached after cartonator.
- Gives cartons in stack for outer carton packing.
- Stacking can be customized as per requirement.
- Machine can be designed for any carton size.
- Removes the need for extra person used for carton stacking.
- Can be directly attached to wrapping machine.

2. Servo Blister Magazine :

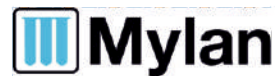
- Proposed blister magazine can be attached to any machine for blister dropping.
- Number of blisters to be dropped can be set via HMI.
- Direct replacement for existing finger type magazine of IC 150C, IC175C Cartonator.
- Manual feeding of blisters in magazine can also be provided, which mainly suitable for offline packing operations.
- Successfully installed at many locations.

3. Modular Conveyors For Customised Application :





Our Esteemed Clients :



and many more



Scan for Website



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