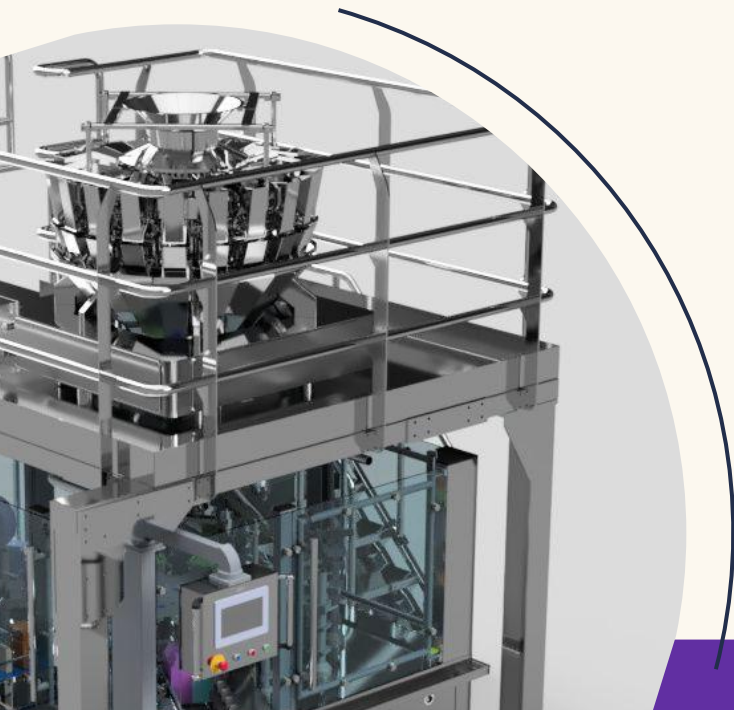


The MEF logo is displayed in white text on a purple square background.

Secondary Packaging Equipment

End-of-line automation for food, pharma & FMCG: case packers, cartoners, shrink bundlers, inspection, labeling & palletizing.



Sales@mefautomation.com 1-15

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Cartoner

Product are customized to meet the product and pack pattern.

02

Case Erector & Sealers

Seals cartons automatically with Multi-Format Capability.

03

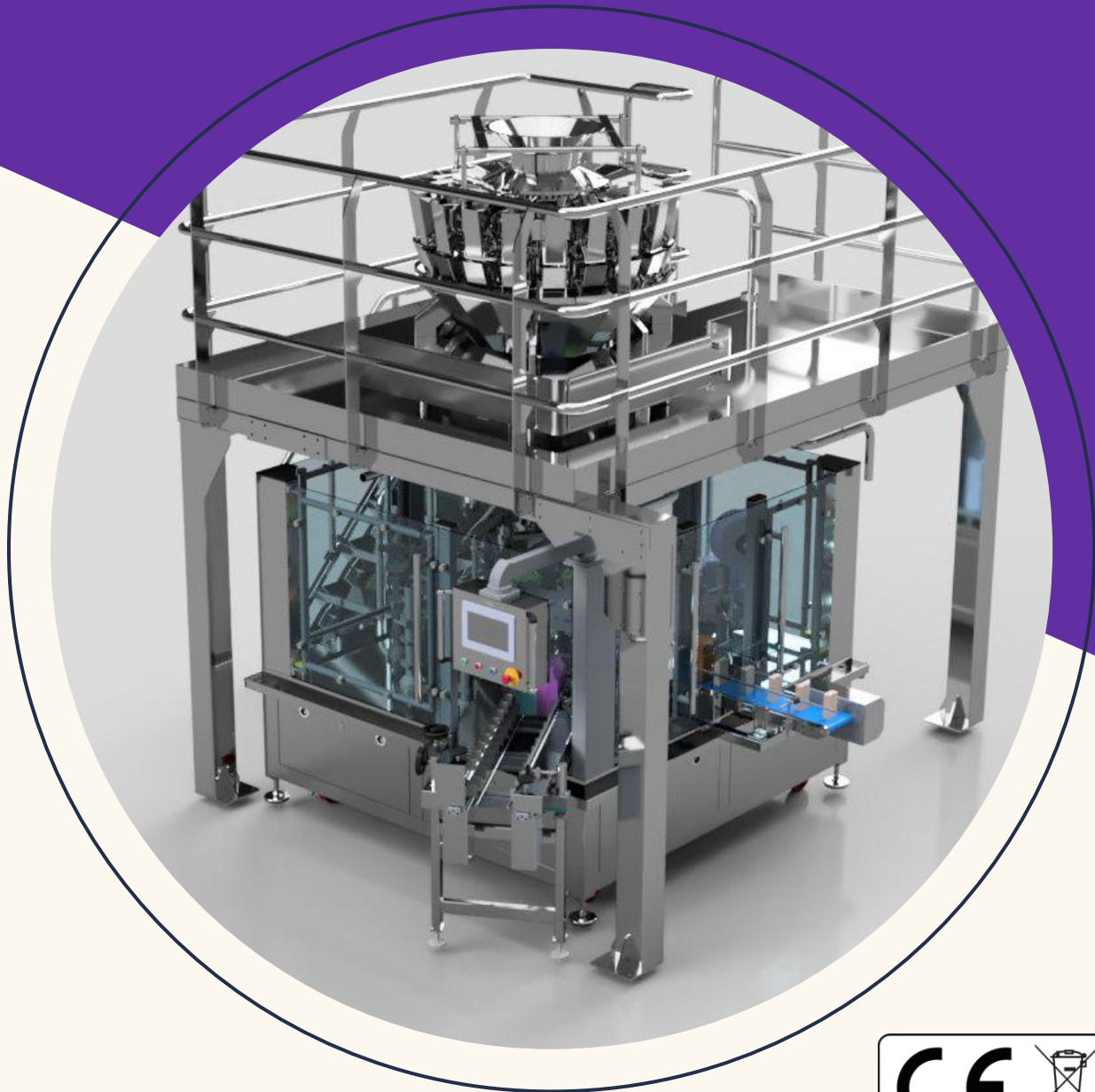
Pallet Equipment

Efficient Load,Unloading for All Packaging Types.

04

Product Inspection

Accurate weight tolerances and label integration.



01

Cartoners

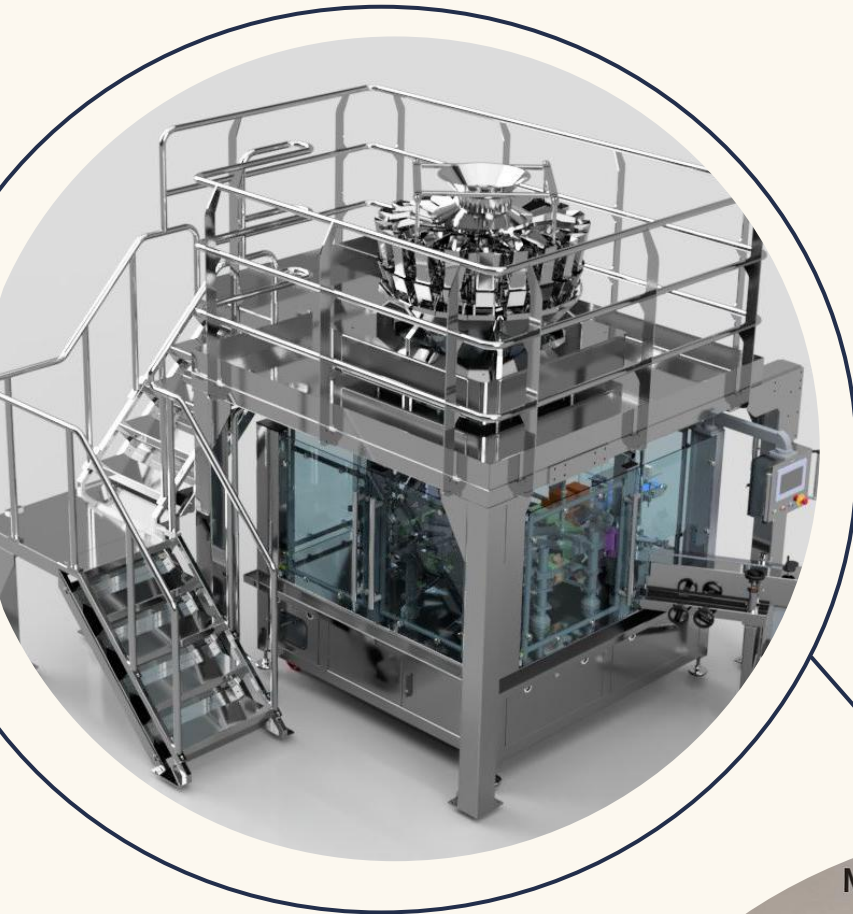
Product are customized to meet the product and pack pattern.



Cartoners

Intermittent motion

PACKED PRODUCTS

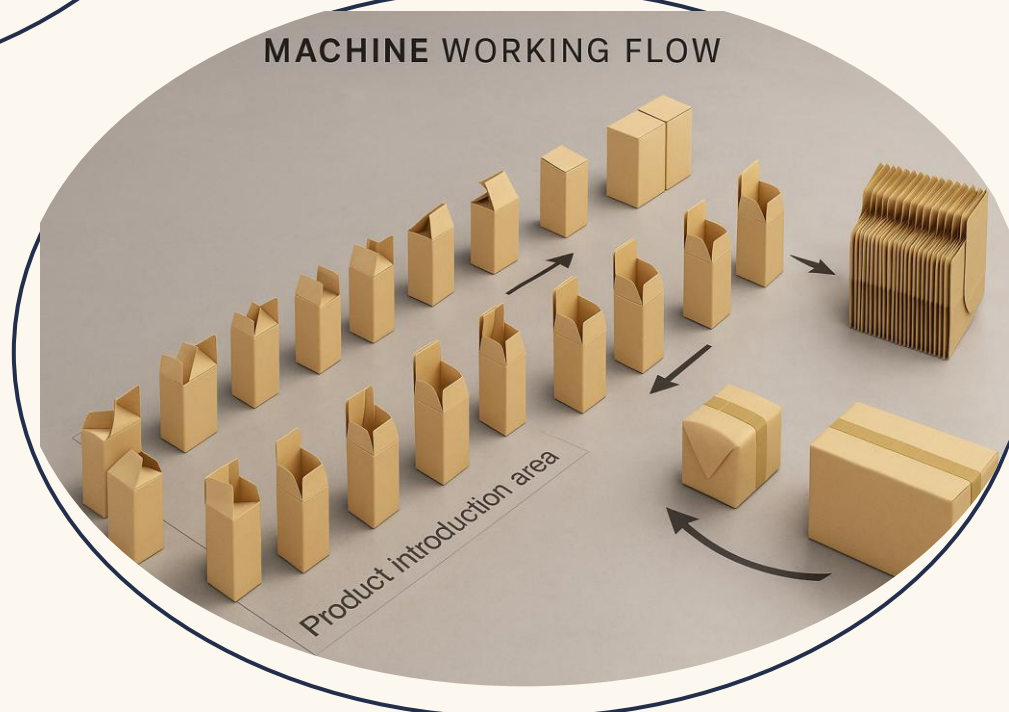


Spec	
MOC	Stainless Steel SS304
Machine speed	60 Cartons/min
Servo Motor	1 KW
Power consumption	2kw
air pressure	6 bar
weight	1500kg

Size Range	min	max
Width	25mm	200mm
Height	20mm	200mm
Length	60mm	250mm

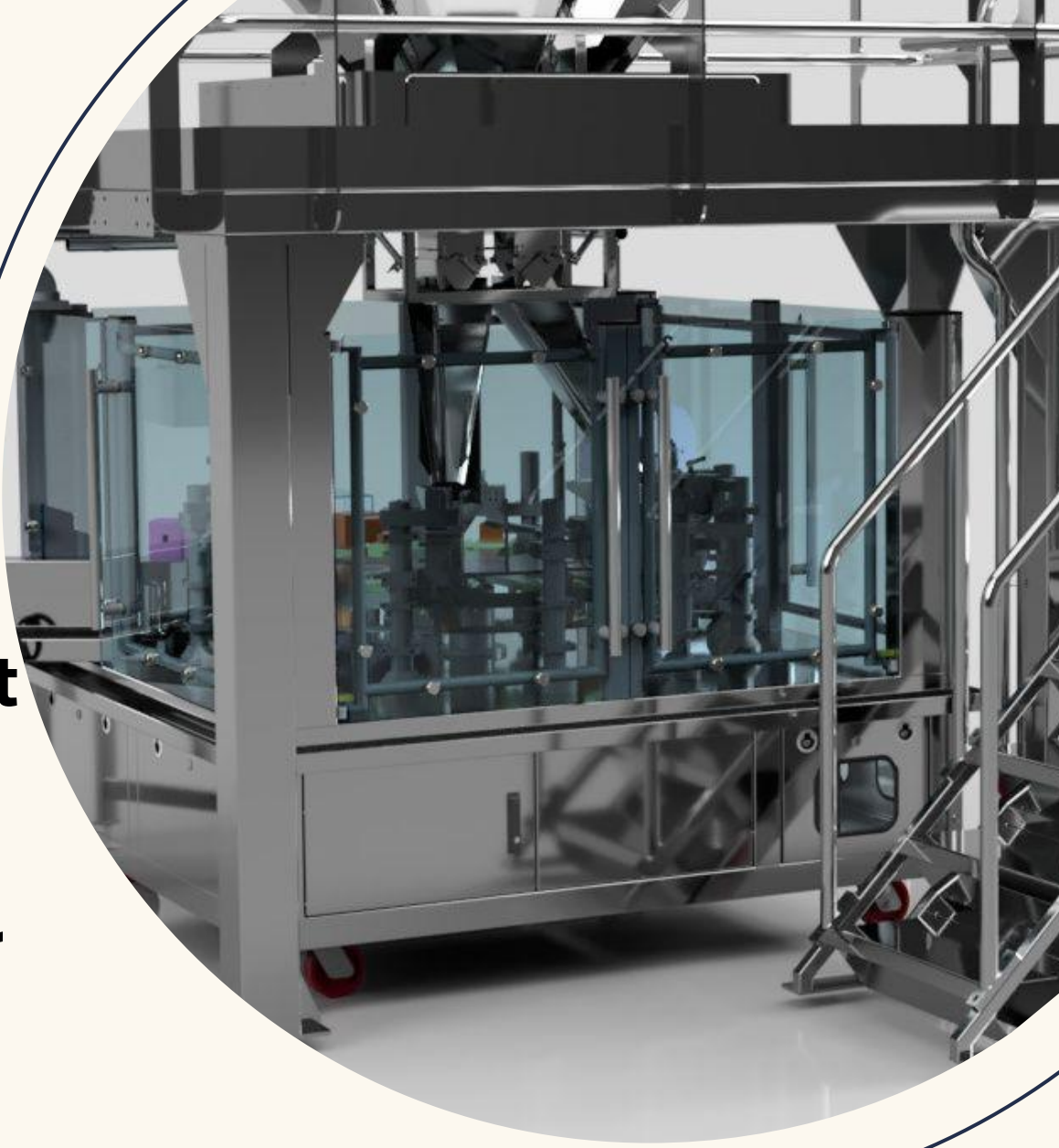


MACHINE WORKING FLOW



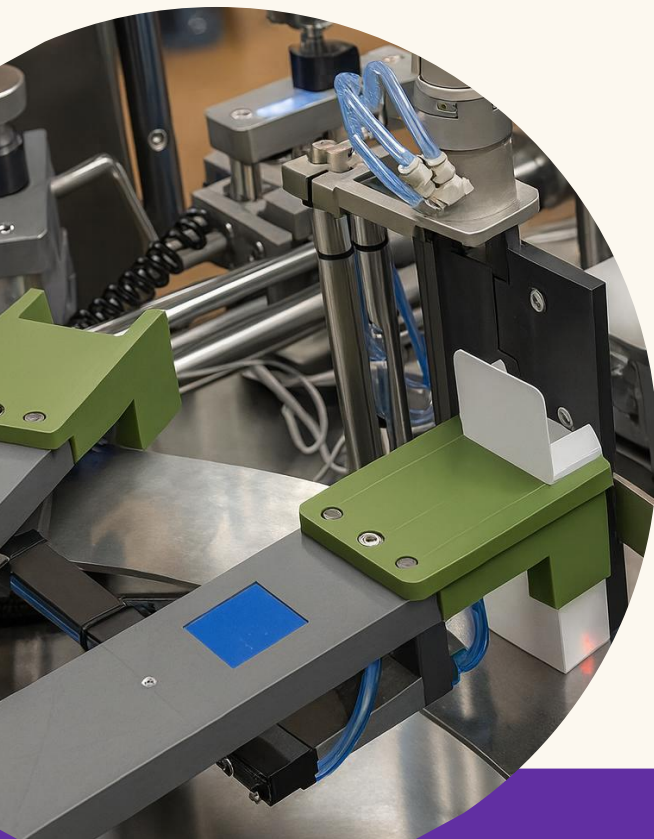
Elevate your packaging game with the Cartoner—a sleek, efficient solution designed to deliver top-tier performance without breaking the bank. Compact yet powerful, this machine combines simplicity, speed, and affordability, making it the perfect fit for your production line.

**Intermittent
motion
vertical
cartoner for
manual or
automatic
feeding.**



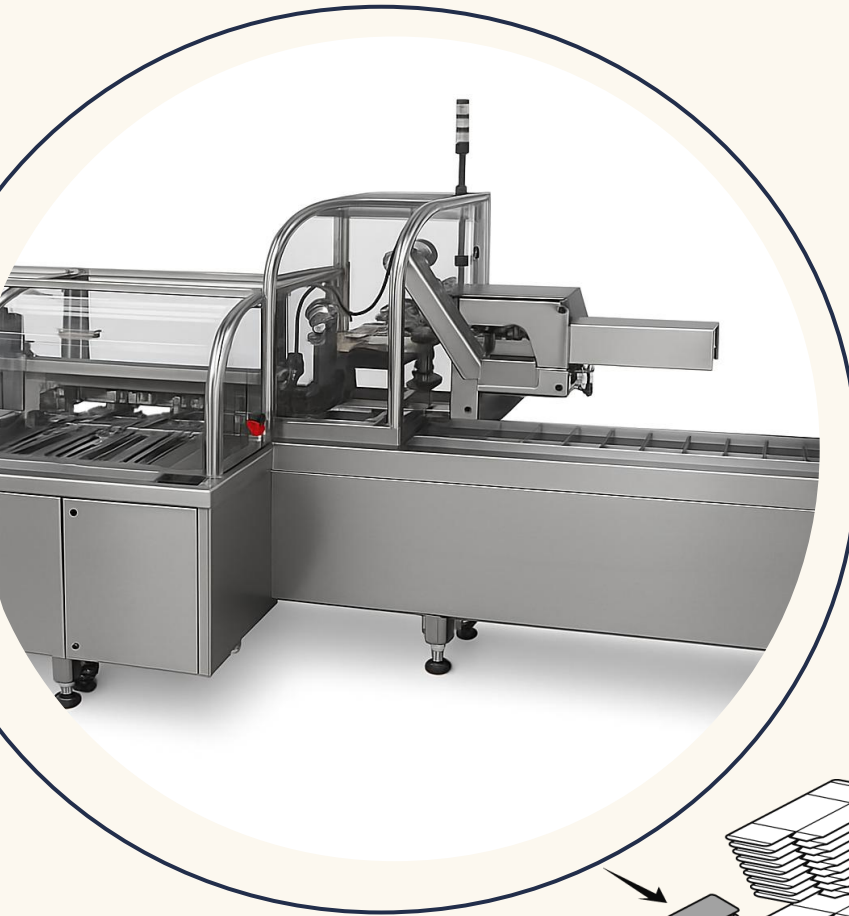
Pharma/Food Grade Design

- Quick changeover
- Washable design
- 24CFR Compliance



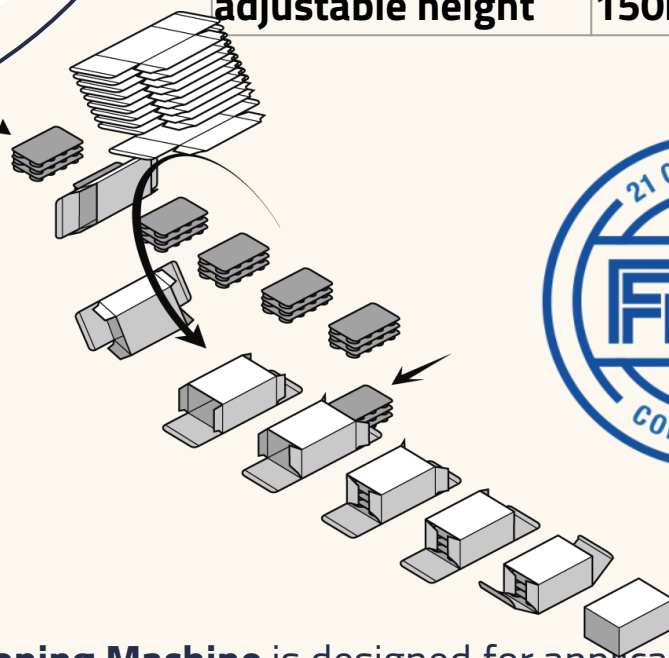
Cartoners

Continuous motion



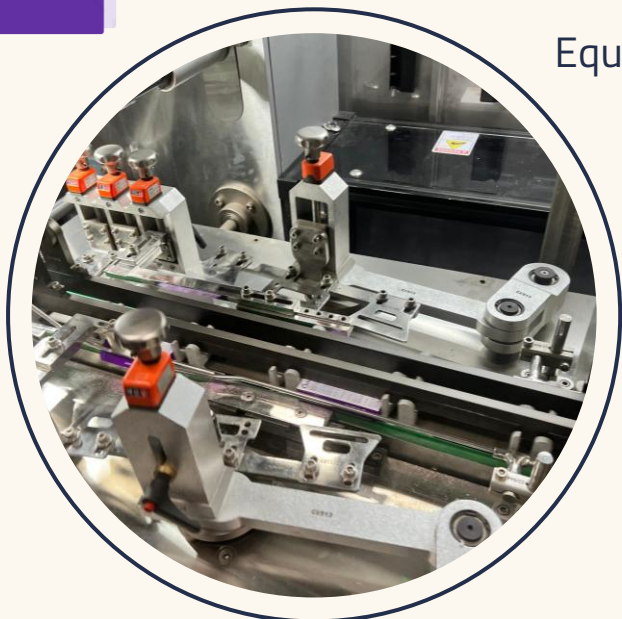
Spec	
MOC	Stainless Steel SS304
Machine speed	200 Cartons/min
Servo Motor	2 KW
Power consumption	2.5kw
air pressure	6 bar
weight	1900kg
adjustable height	150mm

Size Range	min	max
Width	25mm	200mm
Height	20mm	150mm
Length	60mm	250mm

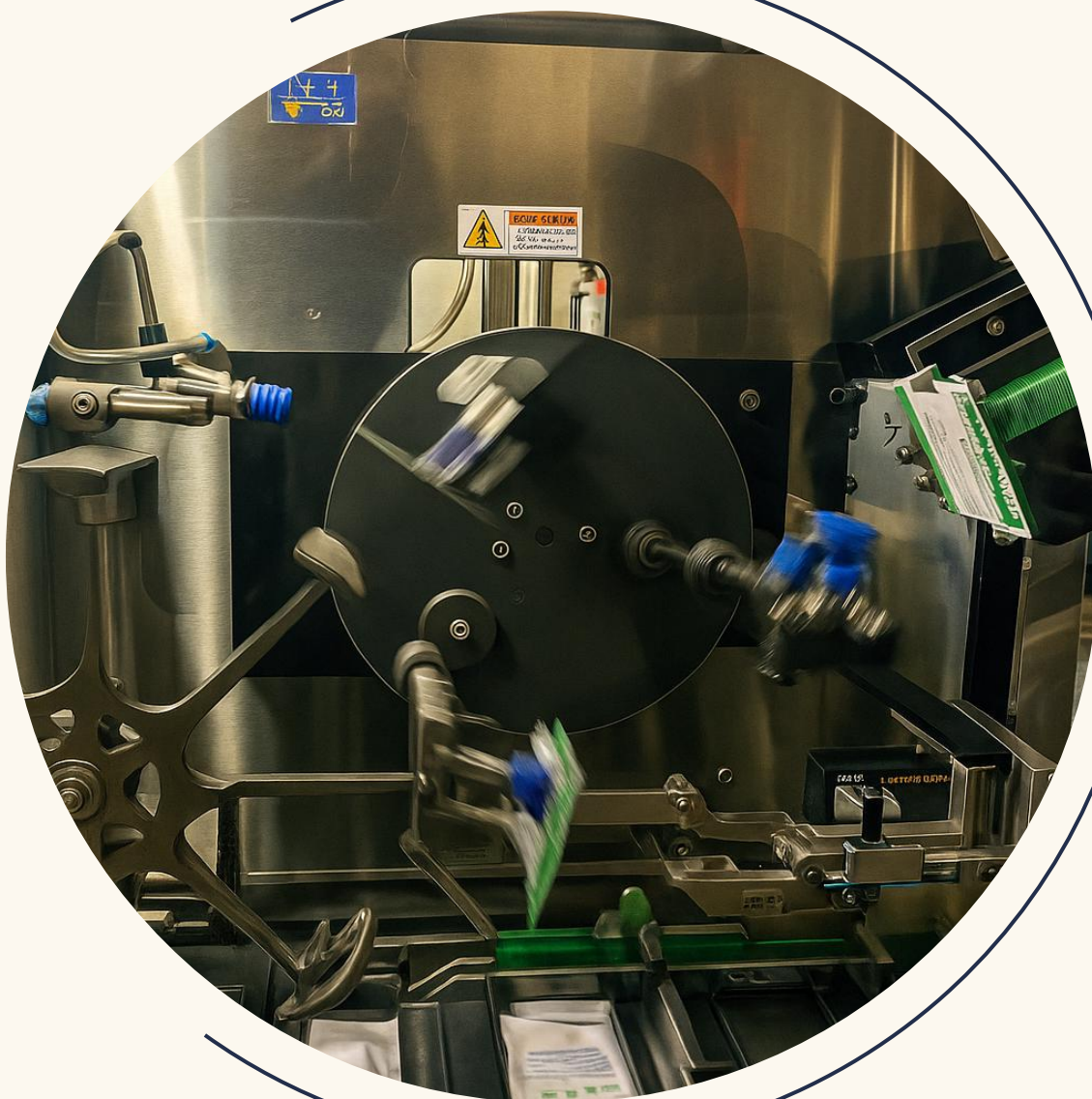


The **High-Speed Automatic Cartoning Machine** is designed for applications across food, pharmaceuticals, cosmetics, and consumer goods. Operating in continuous motion with a servo-driven system, it delivers speeds of **100–200 cartons per minute**.

The machine automatically opens cartons, inserts products, and seals them using either tuck-in closure or hot-melt glue. It can also be seamlessly integrated with upstream equipment such as **pillow packaging machines, VFFS machines, and shrink-wrappers** to form a fully automated packaging line.



Equipped with world-renowned electrical components, the system ensures **high productivity, reliability, and consistent performance.**





Case Erector & Sealers

Seals cartons automatically with
Multi-Format Capability.

02



Case Erector

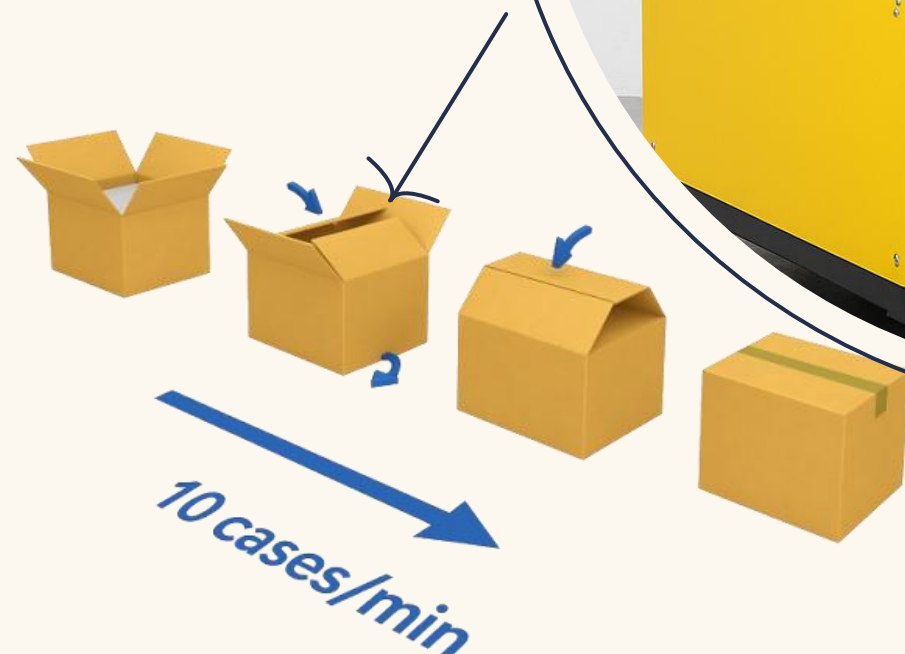
Key Points:

- **Full Automation** – Opens, shapes, folds, and seals cartons automatically, eliminating manual intervention.
- **Secure Sealing** – Strong adhesive tape sealing with no slipping; hot melt glue sealing system available as an option.
- **Multi-Format Capability** – Adjustable for different carton sizes, making it ideal for varied packaging needs.

Specs	M-10c
Speed	10 cases per minute
Minimum Case Dimensions	180 mm L × 150 mm W × 150 mm
Maximum Case Dimensions	500 mm L × 340 mm W × 600 mm
Case Type	RSC, HSC
Flute Type	B, C, E
Wall Type	Single & Double Wall
Standard Sealing Device	2inch or 3inch Tape Head
Dimensions – Machine	2040 mm L × 2035 mm W × 1600 mm H (84 1/4" L × 88" W × 63" H)
Weight – Machine	600 kg (1155 lb)
Electrical Service Choices	400V-50Hz-Neutral 230V, 3-ph, 60Hz, Wye w/Ground
Pneumatics	6 Bar (80 PSI)



Case Sealers



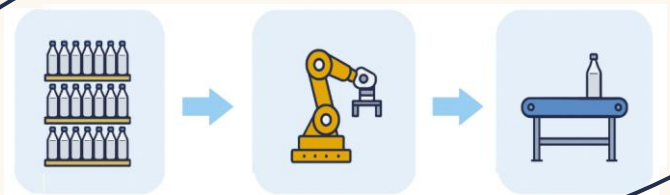
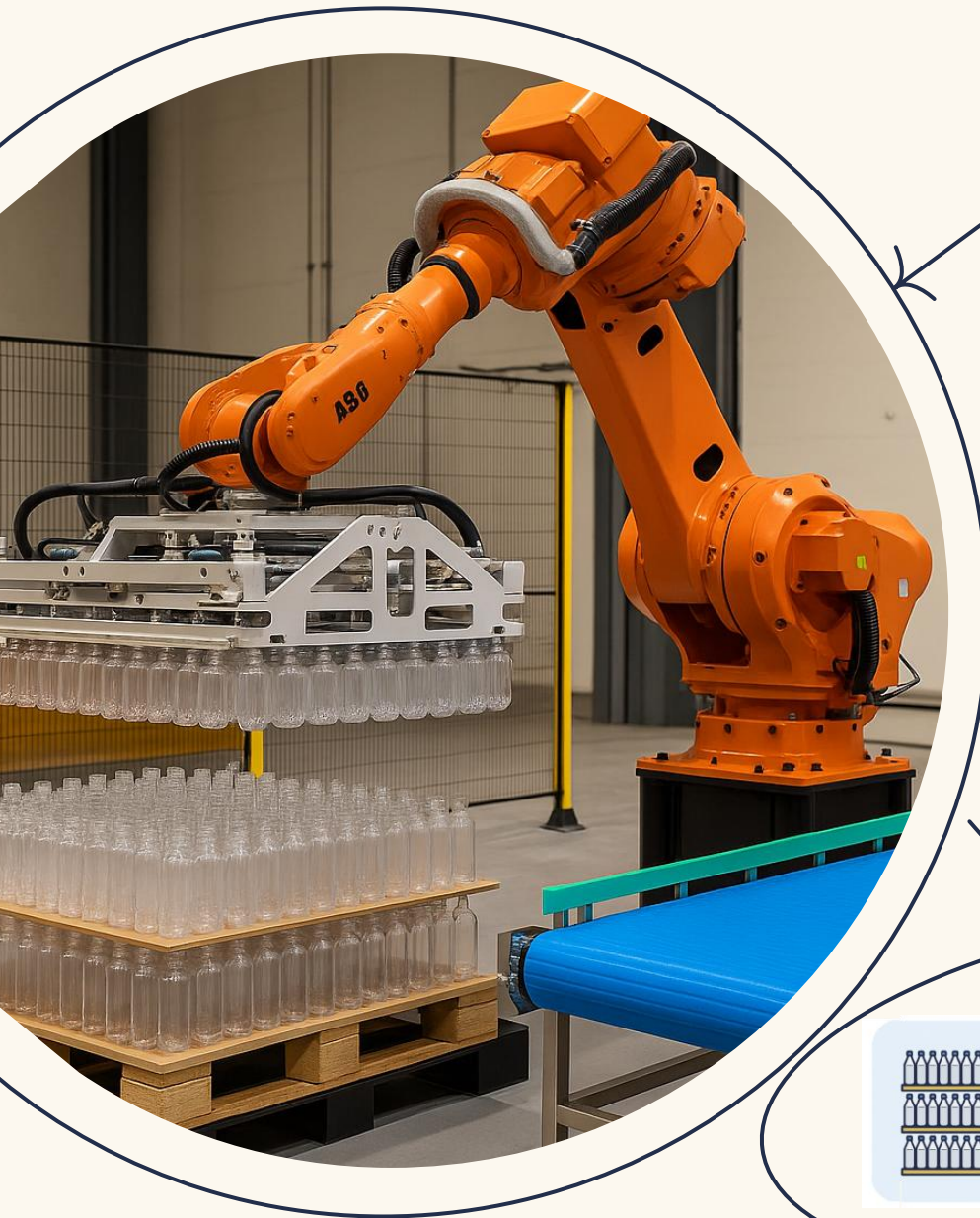
03

Pallet equipment

Our industrial pallet equipment makes loading, unloading, and wrapping pallets faster, safer, and more efficient. From automatic palletizers to high-performance pallet wrappers.



De-Palletizer



Automatic depalletizing machines for bottle type with low level discharge with Servo and pneumatic head.

Industries: | Beverage | Pharma | Food

Max Capacity: 3 layers/min.

Size: Pallet max height 1,700 mm, Discharge height: 1,200 mm

Container: Bottles, corrugated boxes, sealed cartons, open-top trays Unload bags woven sacks, plastic bags (flour, sugar, cement, grains) Unload cans – tin cans ,paint pails, chemical buckets

Payload: up to 200 kg

Type: Robotic

Palletizer

A heavy-duty 4-axis palletizing robot automatically stacks cartons, trays, or cases from the infeed conveyor onto pallets with perfect precision and stability. Designed for food, beverage, FMCG, and industrial packaging lines.

Key Advantages

- **High throughput:** Handles 6-8 picks/min (format-dependent) for up to 600 cycles/hour.
- **Flexible pallet patterns:** Stores and recalls over 100 stacking recipes via HMI.
- **Minimal downtime:** Quick recipe changeovers without mechanical adjustments.
- **Durable :** Vacuum or clamp gripper options handle cartons, shrink-wrapped bundles, trays, and open-top boxes.
- **Safe operation:** Fully enclosed cell with safety fencing, interlocks, and light curtains.



Pallet Wrappers

Automatic Online Pallet Stretch Wrapping Machine – Key Features

Industries: | Beverage | Pharma | Food

Film Carriage Speed: 4 Meter/min (adjustable)

Turntable speed(rpm): 3~10 (adjustable)

Payload: up to 1500 kg

Pallet Width:- 1200mm

Pallet Length:- 1200mm

Pallet height:- 2400mm

PE Film Type:- I.D. 76mm, O.D. Max 280mm,
Width:500mm, Thickness: 17~35 microns



1. Integrated Conveyor System

- Powered roller conveyor integrated with the turntable for seamless product flow.
- Inline operation – no need to remove pallets for wrapping, ideal for high-speed automated lines.
- Compatible with pallet infeed & outfeed automation.

2. Packaging Flexibility

- Suitable for bulk goods, loose pallet loads, and container shipment preparation.
- Adjustable film tension, overlap, and wrapping height for various load sizes.



**AUTOMATIC ONLINE WRAPPING
MACHINE FOR PALLET STRETCH
WRAP FILM**



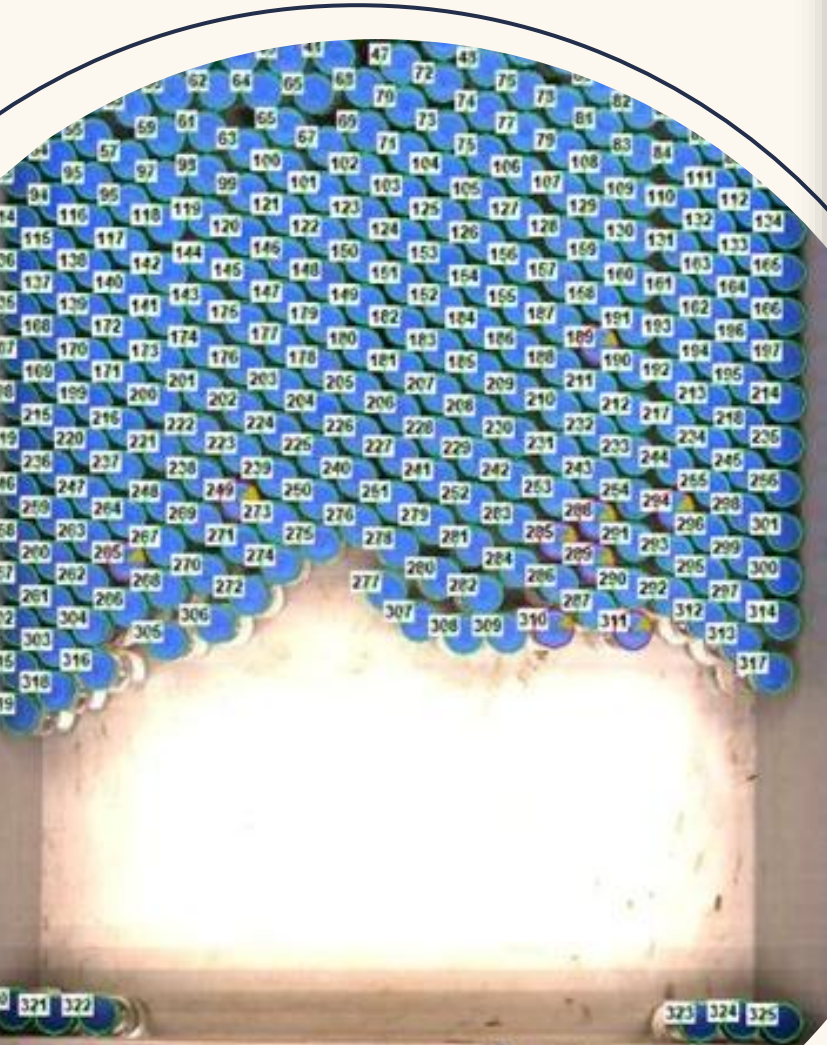
Vision System

04

AI based Vision integration

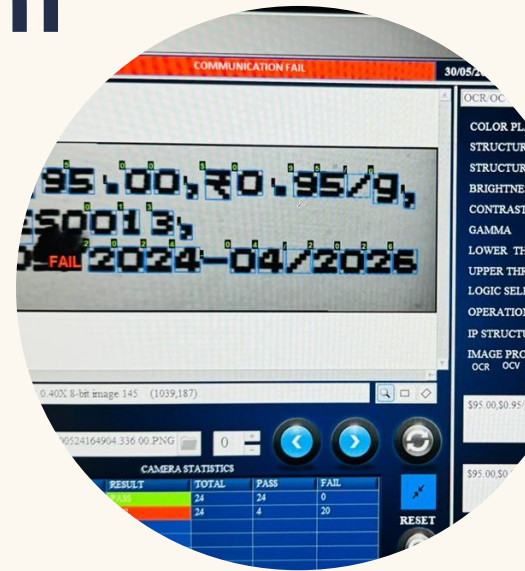


- AI based Vial counting in Tray for Pharmaceutical Industry
- DL based accurate vial counting
- High Resolution Vision System
- Two axis Gantry System for Camera movement
- DL based OCR/OCV for challenging label inspection applications
- Speed: 250 lpm



Vision System

Multi-parameter bottle inspection



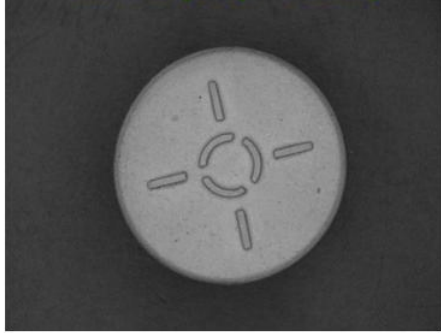
- Bulk 2D code verification for track and trace system

- Tablet and capsule inspection in blisters.
- 60 blisters per minute.
- Defects like broken tablet, color variation, spot on tablet, foreign object, empty cavity are inspected accurately.

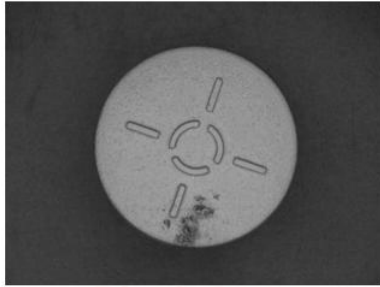
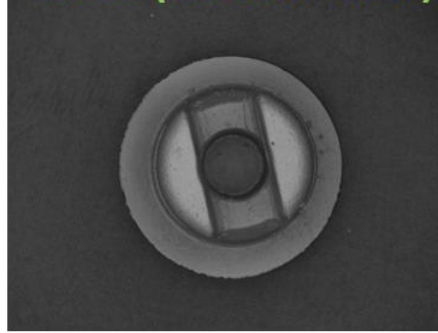


Rubber Stopper Inspection

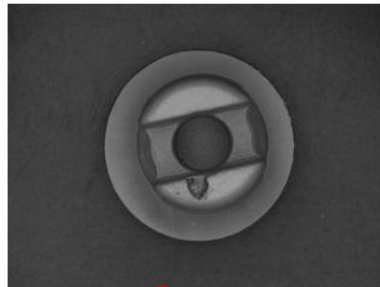
Good (Top View)



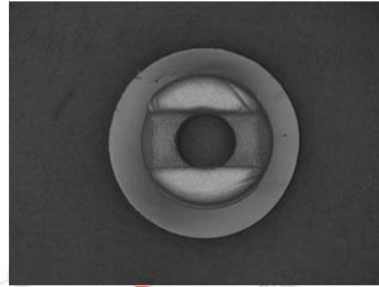
Good (Bottom View)



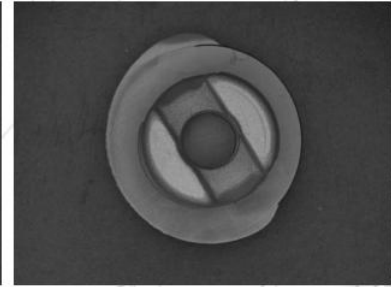
Black Spot



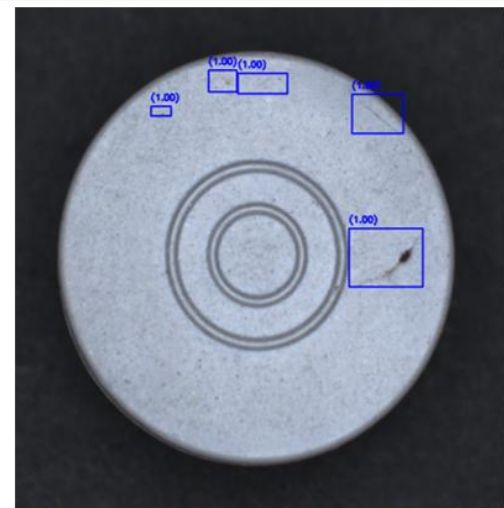
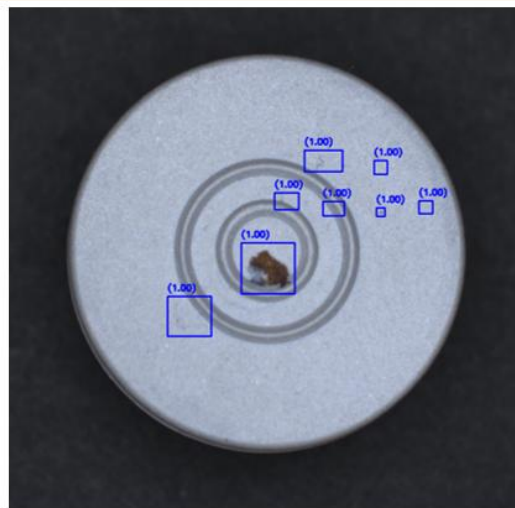
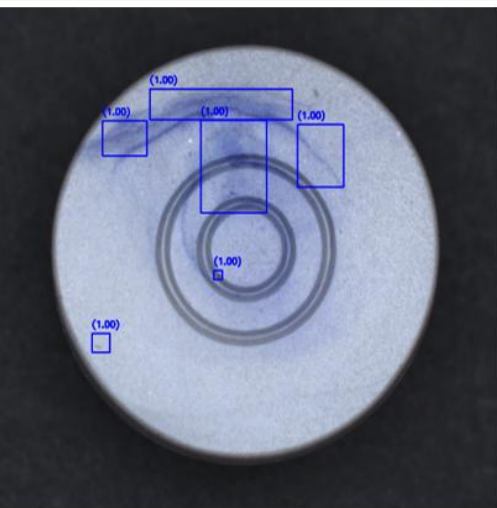
Cut



Damage



Ovality



Our presence in three countries
enables us to serve clients with
international standards and local
expertise



THANKS!

Do you have any questions?

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