



END TO END PACKAGING SOLUTIONS





ABOUT SHUBHAM AUTOMATION

Shubham Automation Pvt. Ltd. has been at the forefront of providing world-class Industrial Automation solutions for over 25 years. We are a dedicated team of professionals committed to delivering solutions with a customer-centric approach. With a successful installation base of over 2,700 systems globally, we pride ourselves on our unwavering focus on precision, accuracy, and completeness.

Our expertise spans across Quality Assurance, Track & Trace, and Complete End-to-End Secondary Packing Line Automation solutions. We take great pride in delivering reliable, high-performance systems that ensure operational efficiency and superior quality standards for our clients worldwide.

VISION

To be India's innovative end of packing line solutions provider for all global industry needs.

25+

YEARS OF
EXPERIENCE

2700+

INSTALLATIONS
WORLD WIDE

50+

AUTOMATION
PRODUCTS

Common Industry Pains



Human Errors

Entering data, entering codes and packaging, mistakes in printing, spelling errors add to reputation loss.



Promotional Errors

Error-prone / delayed promotions, incorrect packaging, leads to retailer fines and loss of income.



Supplier Errors

Similar artwork designs, splice error, batch errors leads to loss of credibility.



Equipment Errors

Fault, Stop printer, no / bad labels, date code errors leads to product withdrawal, millions in losses.



Last Minute Changes

Hasty decisions and high production demands, incorrect packaging, in-accurate checks.



Systems Error

Improper system, data entry, double check errors resulting in poor compliance.



Compliance error

Inability to print / read adequate compliance parameters as per region could lead to rejection.



Counterfeit error

Errors in barcodes printing / reading could lead to counterfeits and loss of reputation.



Why End to End Packaging Solutions?



Seamless Integration and Efficiency

Our solutions streamline every stage of packaging, reducing the need for multiple systems and vendors. This integrated approach enhances operational flow, minimizes errors, and boosts productivity.



Enhanced Compliance and Security

Built-in smart serialization and automated Track & Trace solution with 0 human intervention leading to full regulatory compliance.



Cost-Effective Operations

By automating manual tasks and reducing human intervention, our solutions lower operational costs over time, with fewer errors, faster production, and minimized downtime.



Quality Assurance

Rigorous quality checks at each stage ensure consistent product quality, fostering trust and compliance while minimizing the risk of defects.



Scalability and Flexibility

Designed to adapt as your business grows, our solutions can easily scale and adjust to accommodate higher demand or new product lines, making them a future-proof investment.



Data-Driven Insights

Real-time analytics provide visibility into production metrics, empowering you to make data-informed decisions that improve operational efficiency and drive continuous improvement.



Multiply your ROI

Our automation solution offers efficiency that leads to significant cost savings, driving a higher return on investment and allowing you to achieve long-term profitability with a smart, integrated approach.

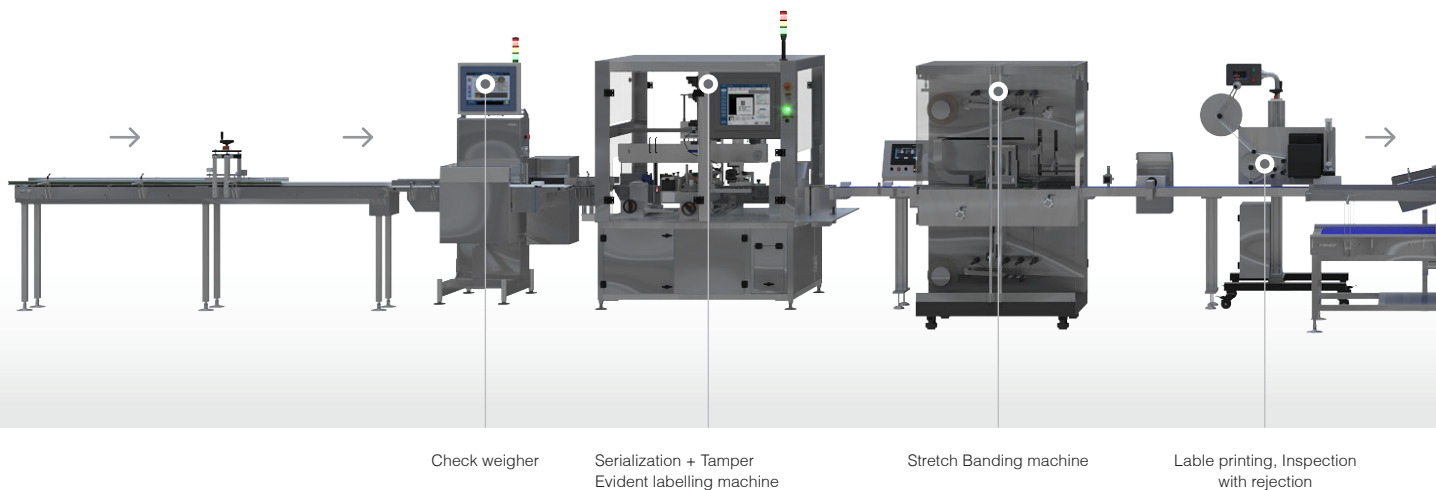


Reliable After-Sales Support

Our team provides dependable after-sales support, ensuring optimal performance and minimizing downtime. With expert assistance just a call away, you can trust that your operations will remain efficient and productive well into the future.

Carton Line with Serialization

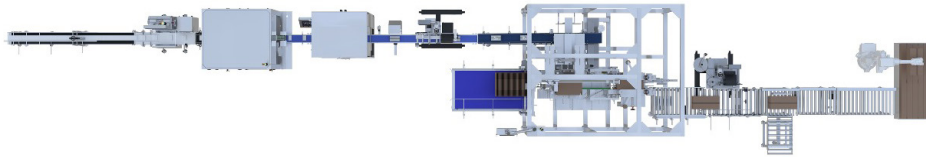
- Check weigher
- Serialization + Tamper Evident labelling machine
- Stretch Banding machine
- Lable printing, Inspection with rejection
- Aggregation
- Gantry based Case Erector
- Case Packing with Vision Inspection
- Both side BOPP tapping machine
- Case Tilting and Weighing
- Print & Apply label on case
- Aggregation camera
- Palletization



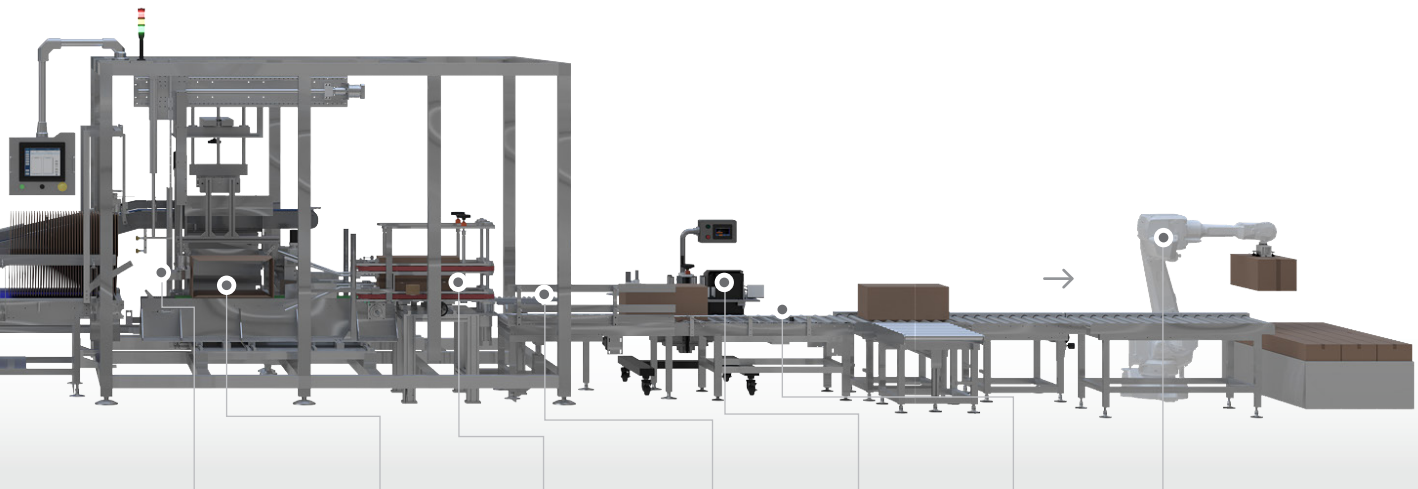
A comprehensive solution tailored for the pharmaceutical industry, ensuring high precision, efficiency, and compliance with industry standards. The line includes a Check Weigher for accurate weight control, a Serialization + Tamper Evident Labelling Machine for product authenticity, and a Stretch Banding Machine for secure packaging. Bundle Inspection with Rejection

ensures quality, while Print & Apply of Bundle Label and Gantry-based Case Erector streamline packaging. Case Packing with Vision Inspection guarantees accuracy, and Both Side BOPP Tapping provides secure sealing. Case Tilting, Weighing, and Aggregation Camera enhance traceability, ending with efficient palletization

TOP VIEW



PRODUCT



Gantry based
Case Erector

Case Packing with
Aggregation

Both side BOPP
tapping machine

Case Tilting and
Weighing

Print & Apply
label on case

Aggregation
verification

Palletization

Enhanced Quality Control

The Carton Checkweigher with Rejection Bin ensures that only accurately weighed products proceed, reducing errors and maintaining consistent quality standards.

Advanced Security & Serialization

The dual label applicator, combined with vision inspection for both sides, guarantees precise application of security labels, ensuring product authenticity and regulatory compliance.

Efficient Bundle & Case Handling

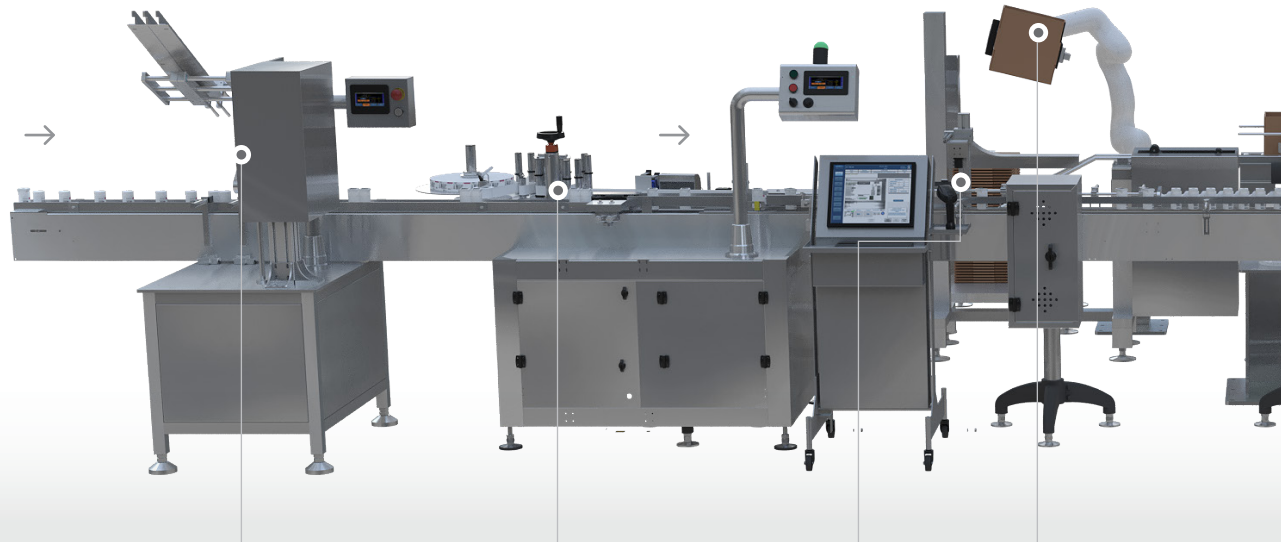
With features like the stretch banding, servo-driven bundle stacking, and automated case packing mechanisms, the line streamlines operations, improving speed and efficiency in forming bundles and cases.

Seamless Aggregation & Palletization

The scanning, aggregation & rejection mechanisms, coupled with cobot-based palletization, ensure flawless tracking and handling, minimizing manual intervention and errors while enhancing traceability.

US Bulk Bottle Line with Serialization

- Topsert Applicator
- Labelling Machine with Serialization
- Helper code association
- Cobot based Case erector
- Bottle collation station
- Cobot based Case Packer
- Aggregation
- Print & Apply with Rejection
- Top BOPP Tapping
- Palletization



Topsert Applicator

Labelling Machine with Serialization

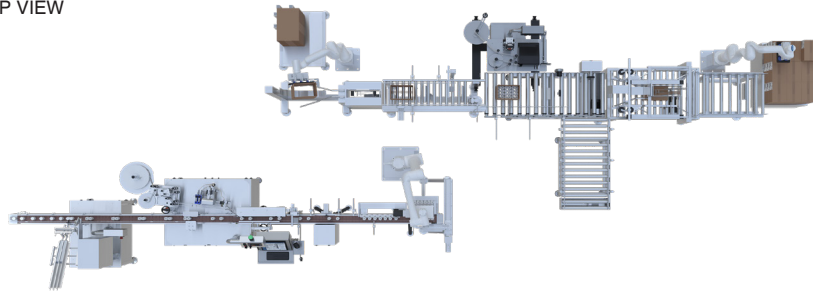
Helper code association

Cobot based Case erector

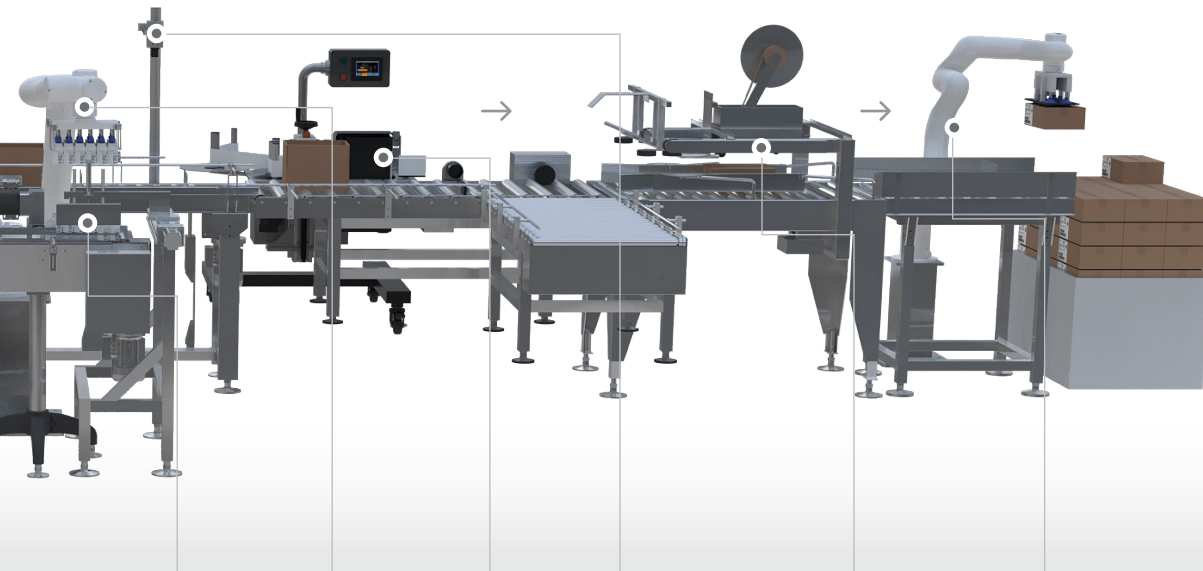
A highly efficient solution designed specifically for the pharmaceutical industry, optimizing packaging processes while ensuring compliance with industry standards. The line includes a Case Erector for precise case forming, a Topsert Application for adding important literature on bottles, and a Labelling Machine for accurate product identification. The Bottle

Collation Station groups products efficiently, while the Cobot-based Case Packer automated case packing. Aggregation ensures traceability, and the Print & Apply system enhances labeling precision. With a Scanner and Rejection system for quality control, Top BOPP Tapping secures cases, and automated Palletization boosts overall efficiency.

TOP VIEW



PRODUCT



Bottle collation
station

Cobot based
Case Packer

Print & Apply with
Rejection

Aggregation

Top BOPP Tapping

Palletization

Enhanced Automation with Intelligent Case Erection

The Cobot-based Case Erector with Bottom BOPP Tapping automates case forming and sealing, reducing manual labor, improving packaging speed, and ensuring consistent quality.

Precise Leaflet Placement & Product Handling

The servo-driven dual head leaflet pick & place station, with continuous leaflet feeding and bottle separation mechanisms, ensures accurate leaflet insertion and proper bottle positioning, enhancing packaging accuracy.

Seamless Product Serialization & Aggregation

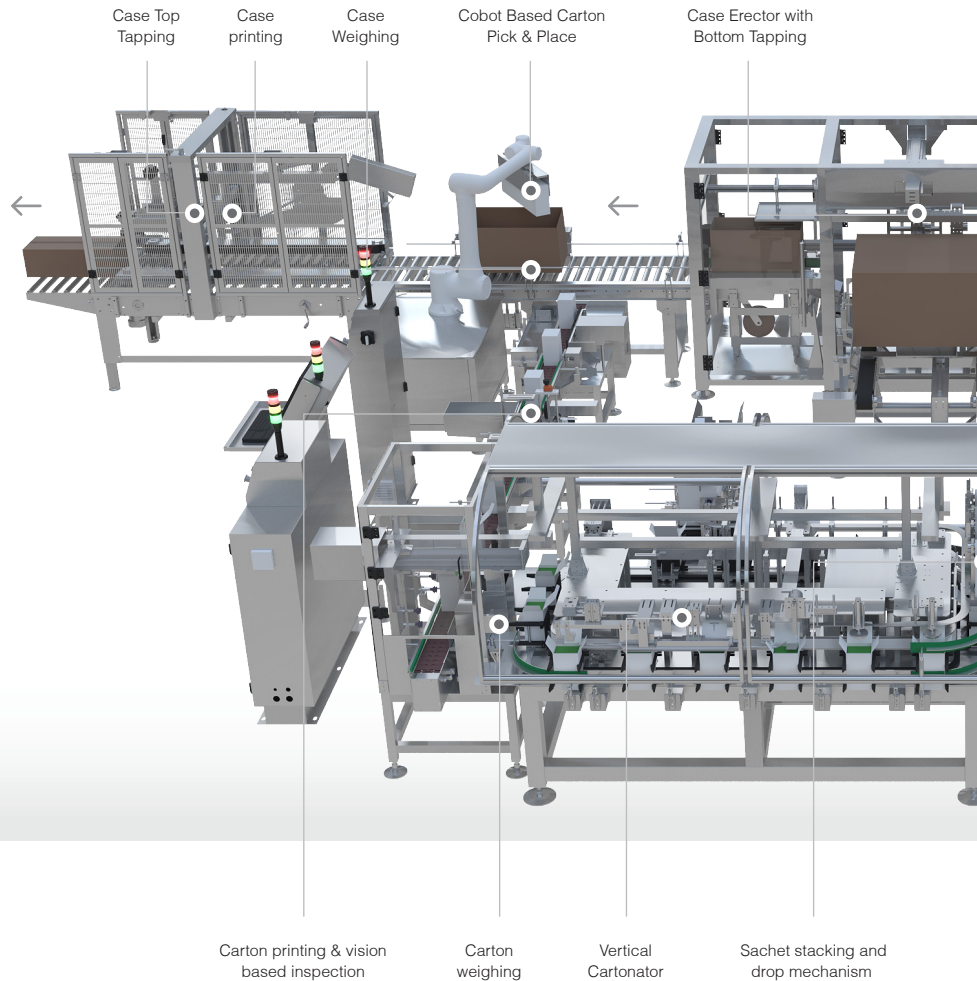
The vision-based label inspection and helper code association guarantee reliable serialization and aggregation, enabling traceability and regulatory compliance for pharmaceutical products.

Streamlined Packing & Palletization

The Cobot-based bottle and case handling system, with specially designed grippers and automated palletization, ensures smooth and efficient product packing, reducing errors and maximizing productivity.

Sachet Line

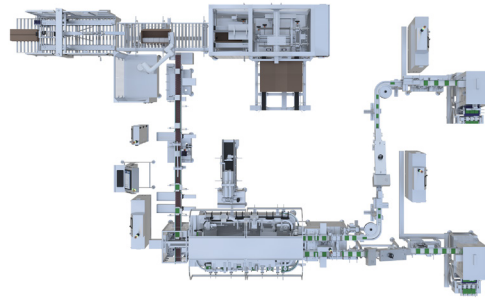
- Sachet Weighing
- Sachet Pick & Place
- Vertical Cartonator
- Sachet stacking and drop mechanism
- Carton weighing
- Carton printing & vision based inspection
- Case Erector with bottom Tapping
- Cobot based Carton Pick & Place
- Case Weighing
- Case Top Tapping
- Case printing



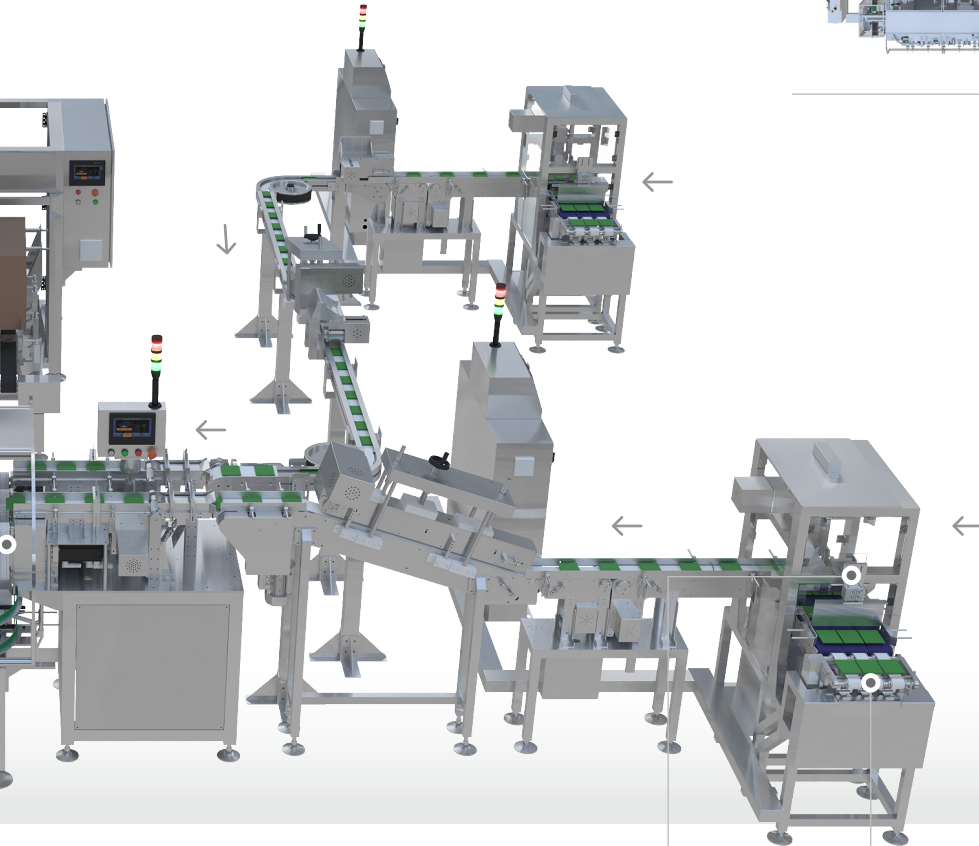
Our Sachet Line is a specialized solution designed for the pharmaceutical industry, offering precision and efficiency in packaging. It begins with Sachet Weighing to ensure accurate dosage, followed by a Pick & Place mechanism for smooth handling. The Vertical Cartonator enables fast and reliable carton formation, while the Sachet Stacking and Drop Mechanism streamlines

sachet organization. Carton Weighing and Vision based Printing Inspection guarantee quality control. The Case Erector with Bottom Tapping and Cobot based Carton Pick & Place ensure efficient case handling. Case Weighing, Top Tapping, and Printing further enhance packaging, offering traceability, security, and consistency throughout the process.

TOP VIEW



PRODUCT



Sachet Pick & Place

Sachet Weighing

Accurate product Handling and Weighing

Multiple weighing with rejection stations ensures that only accurately weighed products proceed, reducing errors and maintaining consistent quality standards.

Efficient Carton Management & Product Collation

The servo-driven carton indexing mechanism and motorized magazine streamline the carton loading process, while the sachet counting and collating station with a drop mechanism ensures efficient and accurate product collation.

Optimized Case Erection and Packing

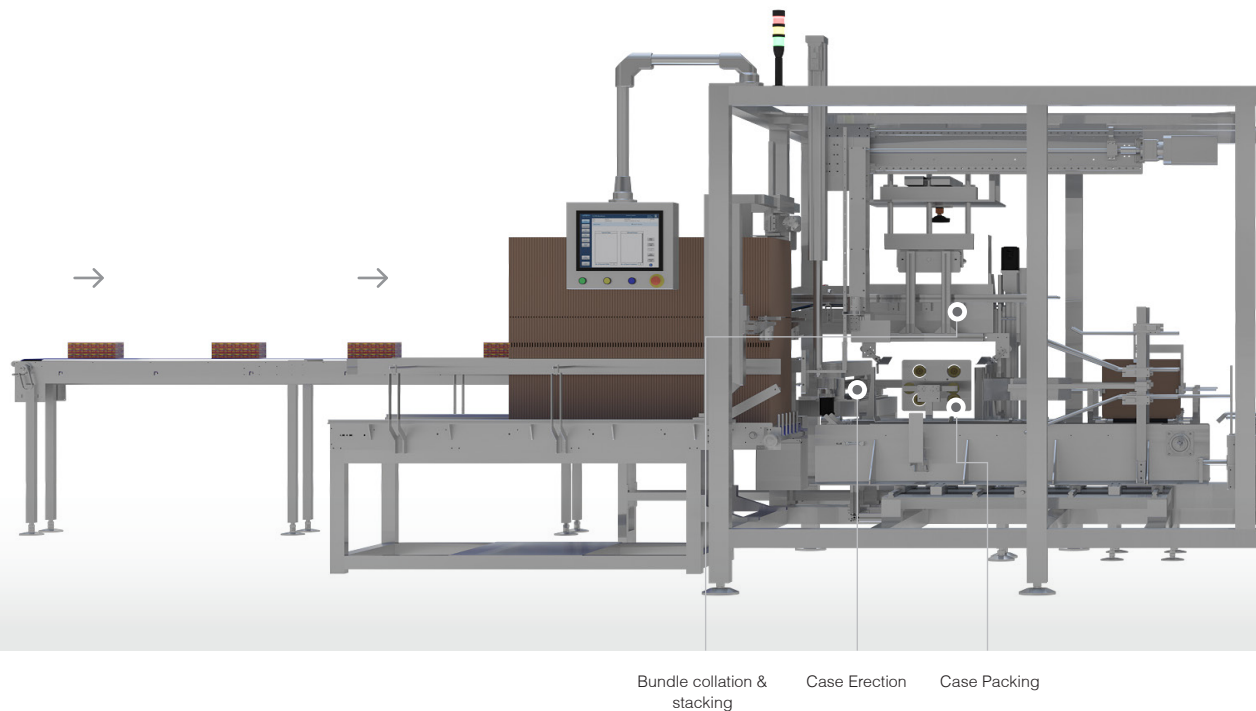
The servo-based case erection and adjustable pick & place mechanism, combined with a COBOT system, enhance case formation and packing efficiency, ensuring proper handling of cartons for secure packing.

Advanced Inspection and Printing

Integrated printing systems and vision-based inspection ensure that both cartons and cases are accurately labeled with batch details, maintaining product traceability and quality control throughout the packaging process.

Carton Bundle line

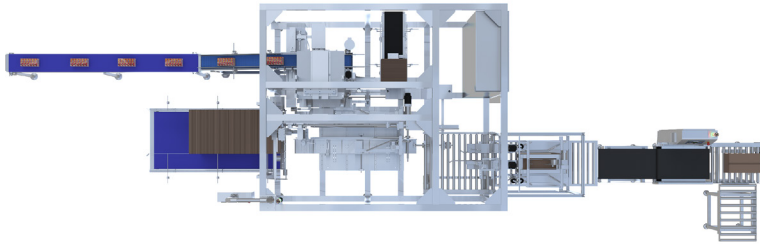
- Bundle collation and stacking
- Case Erection
- Case Packing
- Case Tilting
- Top Bottom BOPP tapping machine
- Case weigher



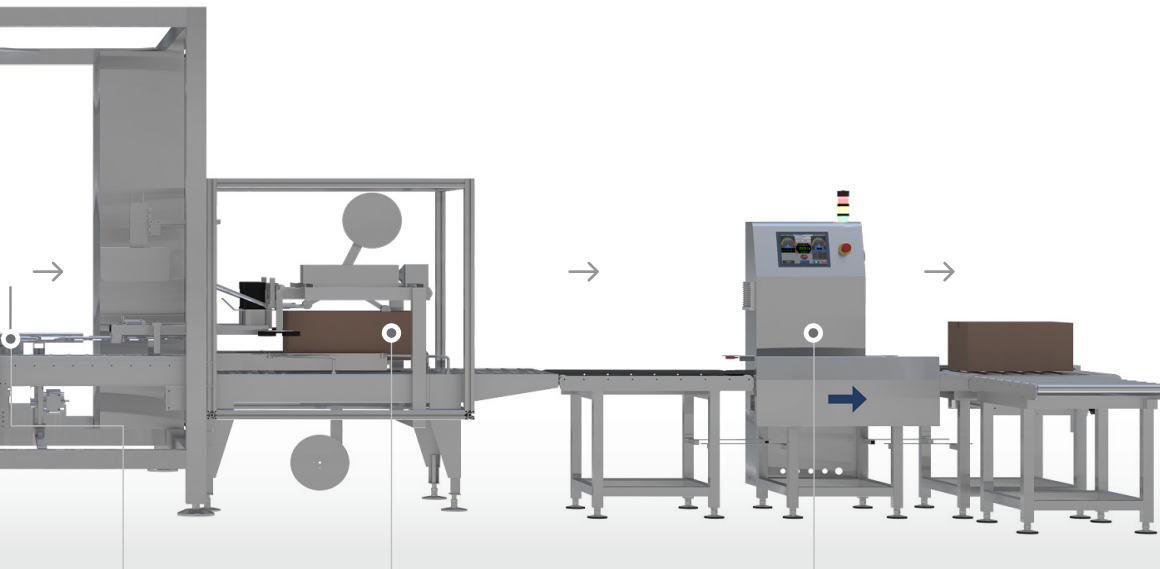
A highly efficient solution designed for streamlining the packaging process from bundle collation to case shipping. The line begins with Bundle Collation and Stacking for organized packing, followed by Case Erection for precise case forming. Case Packing ensures accurate and secure loading of cartons, while Both Side

BOPP Tapping secures the cases for transport. The Case Tilting feature optimizes handling, and the Top and Bottom BOPP Tapping machine ensures a firm, tamper-proof seal. This automated line enhances packaging speed, accuracy, and security, making it ideal for high-volume operations.

TOP VIEW



PRODUCT



Case Tilting

Top Bottom BOPP tapping machine

Case weigher

Efficient Bundle Collation and Stacking

The servo-driven stacking mechanism ensures precise and organized bundle collation, optimizing space and reducing errors in the packaging process.

Streamlined Case Forming and Filling

The servo arm-based mechanism, with dual functionality of case forming and pushing filled cases, accelerates the packaging process, reducing manual intervention and improving throughput.

Secure Carton Sealing

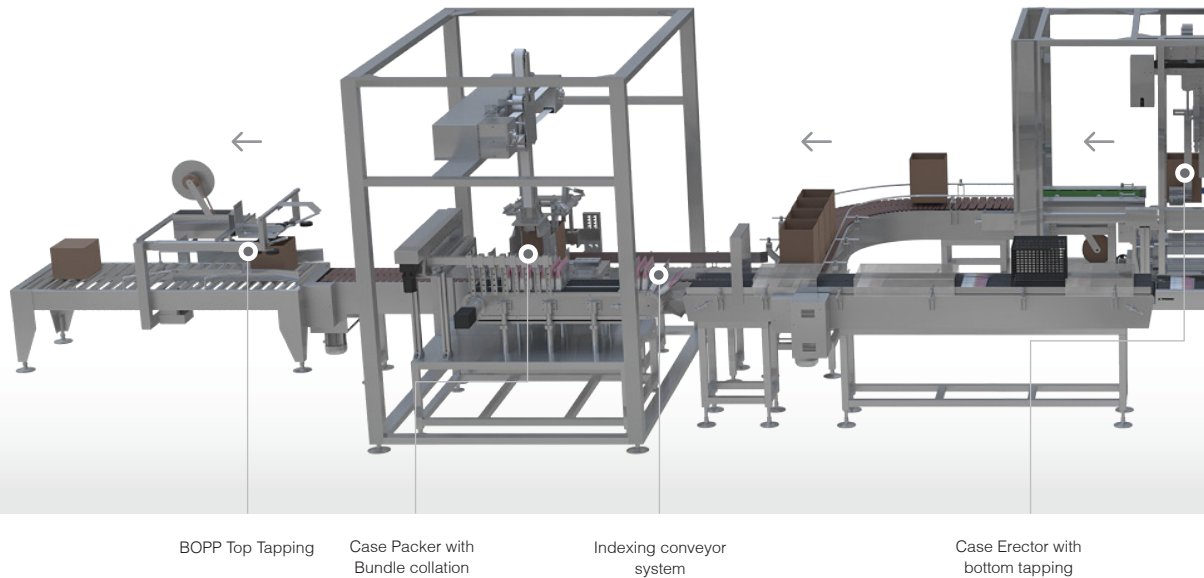
The linear actuator for automatic flap closing, along with both-side tape application, ensures a tamper-proof and secure seal, enhancing product safety during transit.

Optimized Case Handling

The pneumatic case tilting and top-bottom tape applying mechanisms ensure efficient and smooth handling, reducing damage and improving the reliability of the packaging line.

Tube Line

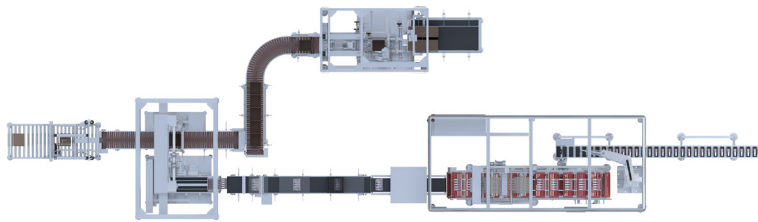
- Tube collection conveyor
- Robotic based Pick & Place system
- Tube Transfer conveyor
- Web Sealer with shrink tunnel
- Case Erector with bottom tapping
- Indexing Conveyor
- Case Packer with Bundle collation
- BOPP Top Tapping



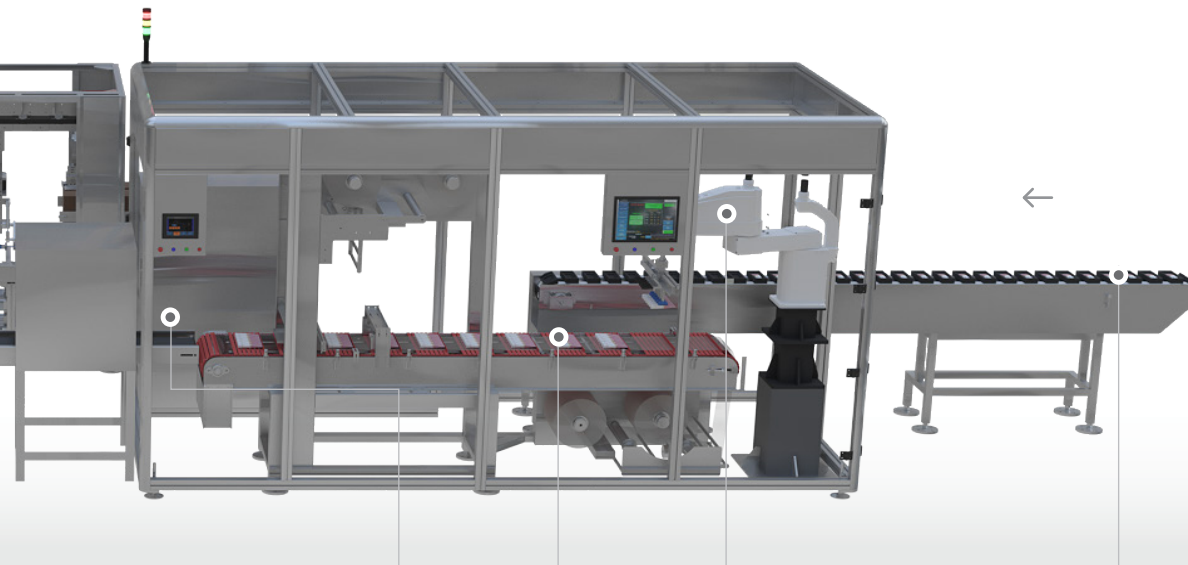
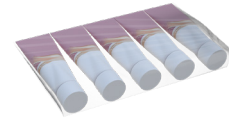
The Tube line is designed to streamline the packaging process with precision and efficiency. It begins with a Tube Collection Conveyor, ensuring organized product flow. The Robotic-based Pick & Place system forms an accurate Tube Matrix, enhancing speed and reducing manual handling. The Tube Transfer Conveyor seamlessly moves products to the Web Sealer with

Shrink Tunnel, securing packaging. The Case Packer with Bundle Collation optimizes case packing, and the Case Erector with an Indexing Conveyor System ensures smooth case handling. This fully automated line boosts productivity, reduces errors, and enhances product protection during transit.

TOP VIEW



PRODUCT



Web Sealer with shrink tunnel

Tube Transfer conveyor

Robotic based Pick & Place system

Tube collection conveyor

Efficient Tube Handling

The dual conveyor system for tube collection and SCARA robot-based pick & place system, with vacuum-based grippers, ensures precise formation of tube matrices based on pack size, improving accuracy and minimizing product damage.

Seamless Transfer and Sealing

The specially designed conveyor efficiently transfers the tube matrix to the web sealer, while the dual-head Hotbar Sealing System and SS 304 mesh belt ensure secure, high-quality sealing and smooth transfer through the shrink wrap chamber.

Optimized Bundle Collection and Packing

The servo-based indexing conveyor and pneumatic pusher enable precise collation and holding of bundles, while the top-loading system efficiently picks and places the bundles into case, ensuring proper arrangement based on pack size.

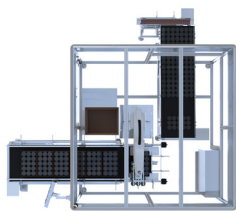
Flexible and Automated Case Forming

The scanning, aggregation & rejection mechanisms, coupled with cobot-based palletization, ensure flawless tracking and handling, minimizing manual intervention and errors while enhancing traceability.

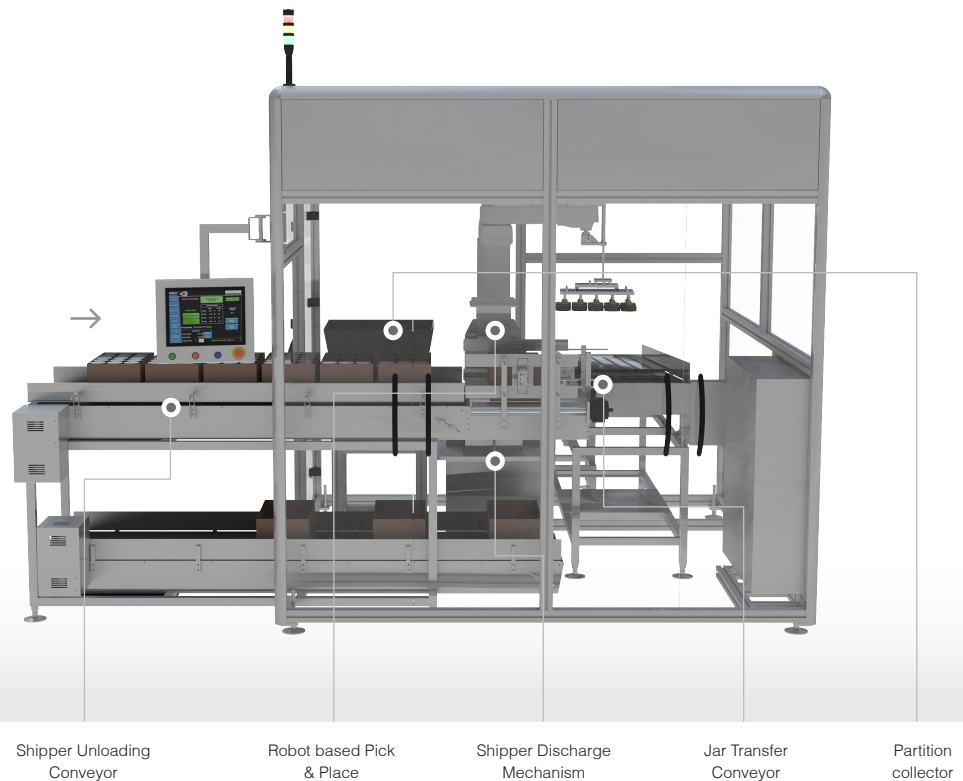
Jar Line - Unloading

- Shipper Unloading Conveyor
- Robot based Pick & Place
- Shipper Discharge Mechanism
- Jar Transfer Conveyor
- Partition collector

TOP VIEW



PRODUCT



Shipper Unloading
Conveyor

Robot based Pick
& Place

Shipper Discharge
Mechanism

Jar Transfer
Conveyor

Partition
collector

Our jar unloading line offers a highly efficient and automated solution for unloading and transferring jars. It begins with a Shipper Unloading Conveyor, ensuring smooth product handling. The Robot-based Pick & Place system provides accurate and fast jar placement, reducing manual effort. The Discharge Mechanism seamlessly transfers jars to the Jar Transfer Conveyor, optimizing workflow. The Partition Bin Collector ensures organized and efficient collection of protector film. This fully automated line enhances productivity, minimizes downtime, and ensures precise handling, making it ideal for high-speed operations.

Efficient Shipper Handling

The conveyor system ensures smooth transportation of filled shippers, reducing manual labor and speeding up the unloading process.

Accurate and Fast Jar Unloading

The SCARA robot-based pick & place system, equipped with specially designed grippers, allows for precise handling of an entire layer of jars, improving accuracy and minimizing breakage.

Streamlined Material Flow

The discharge conveyor effectively removes empty shippers, ensuring continuous operation and reducing bottlenecks in the production line.

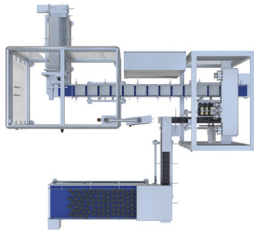
Organized Collection of Packaging Materials

The bin for protector film, dropped by the SCARA robot, helps maintain an organized workspace and supports efficient waste management.

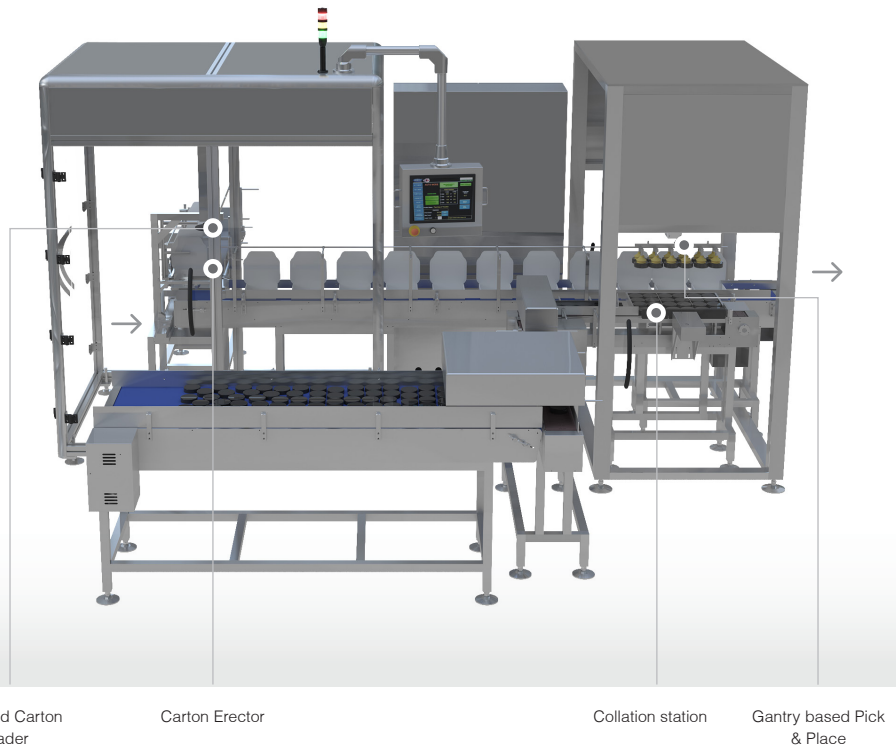
Jar Line - Loading

- Unfolded Carton Loader
- Carton Erector
- Collation station
- Gantry based Pick & Place

TOP VIEW



PRODUCT



Unfolded Carton
Loader

Carton Erector

Collation station

Gantry based Pick
& Place

The Jar Loading line provides a highly efficient solution for loading jars into cartons. It begins with an Unfolded Carton Loader and Carton Erector, ensuring fast and accurate carton formation. The Collation Station organizes jars for seamless packaging, while the Gantry-based Pick & Place system precisely positions jars into cartons. This automated line increases efficiency, reduces manual labor, and minimizes errors. This streamlined process ensures secure and accurate jar placement, making it ideal for high-volume operations where speed and precision are critical.

Efficient Carton Management

The magazine system for holding unfolded cartons ensures continuous and organized feeding, reducing downtime and optimizing the packaging process.

Accurate Case Forming

The electro-pneumatic pick & place mechanism with a pneumatic pusher ensures precise case forming and proper bottom lock flattening, enhancing the stability and integrity of the carton during packaging.

Optimized Jar Collation

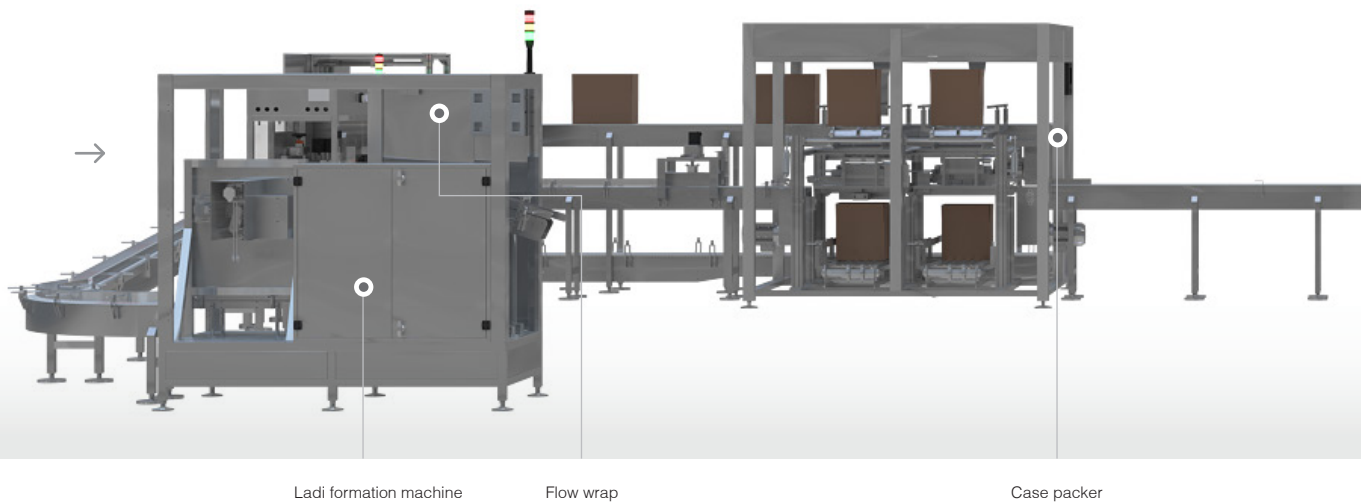
The conveyor system efficiently transfers jars to the collation station, organizing them according to the required packing matrix, increasing the speed and accuracy of the process.

High-Volume Jar Loading

The gantry-based jar pick & place system, with specially designed vacuum grippers, enables the simultaneous filling inners, improving productivity and handling larger pack sizes efficiently.

Pouch Line

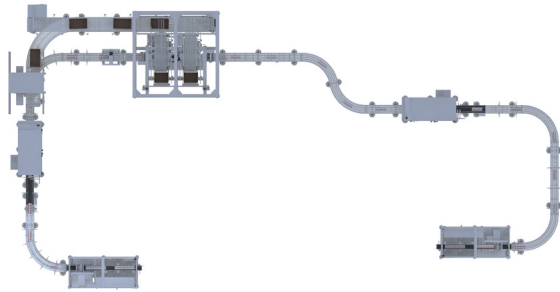
- Ladi formation machine
 - Flow wrap
 - Case Packer
 - Product transfer conveyor
-



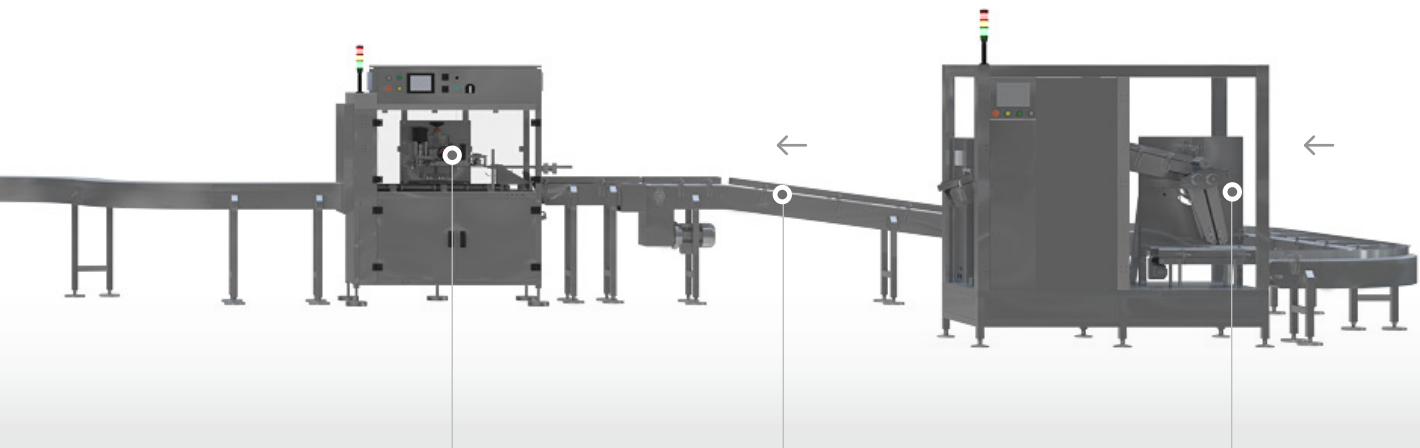
Our pouch line offers an advanced packaging solution focused on efficiency and precision. It features a Formation Machine, which organizes pouches into the required formation, optimizing product arrangement for packing. The integrated Case Packer ensures quick and accurate loading of formed pouches into cases,

reducing manual labor and increasing throughput. This automated line streamlines the packaging process, enhancing productivity, maintaining product integrity, and ensuring consistent packing quality, making it an ideal solution for high-volume operations.

TOP VIEW



PRODUCT



Flow wrap

Product transfer conveyor

Ladi formation machine

Efficient Product Arrangement

The specially designed formation Machine creates a precise "Z" fold, optimizing space and improving the organization of pouches for efficient packing.

Increased Packing Speed

The automated pusher mechanism quickly and accurately transfers the formed Ladi into the open case, significantly increasing packing speed and reducing manual intervention.

Enhanced Case Filling Accuracy

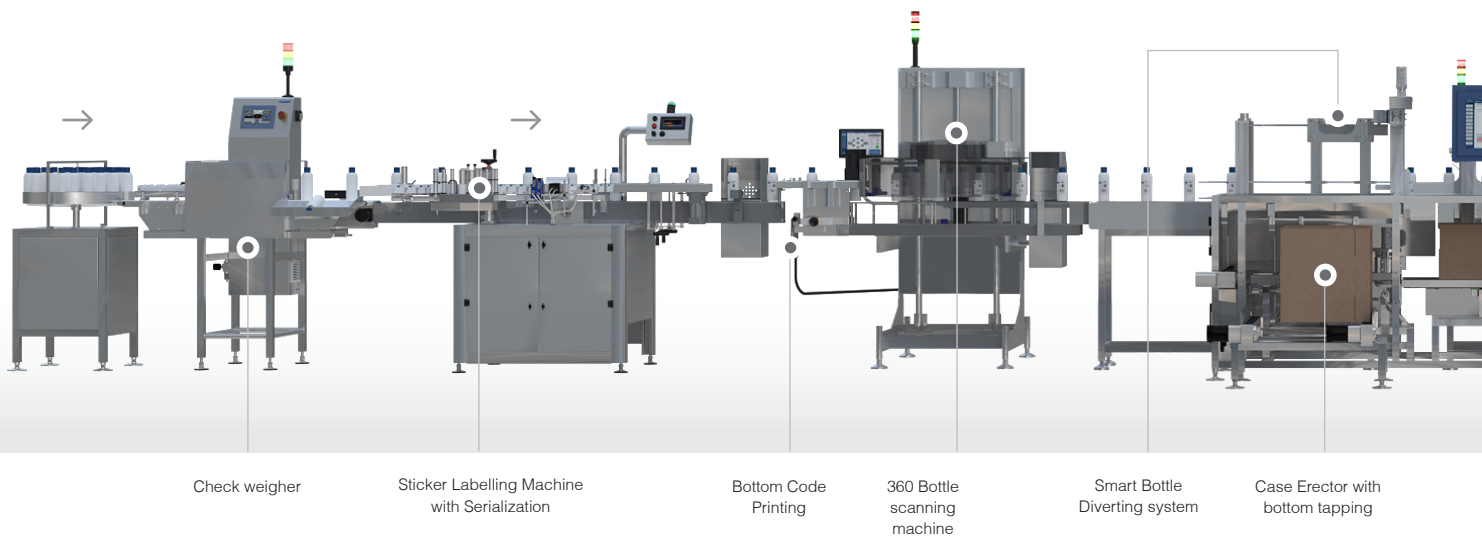
The precise positioning of the open case below the Ladi ensures accurate filling, minimizing errors and maintaining the integrity of the packed products.

Optimized Workflow for High-Volume Operations

This automated system streamlines the packaging process, boosting overall productivity and making it ideal for high-volume environments.

High-speed Bottle Line with Serialization

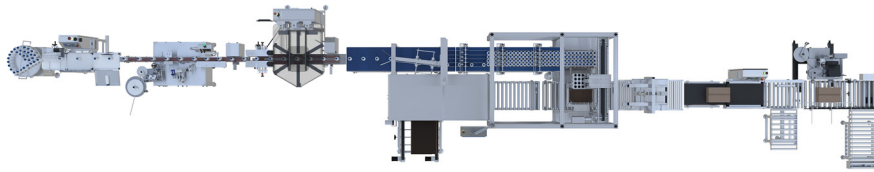
- Check weigher
- Sticker Labelling Machine with Serialization
- Bottom Code printing
- 360 Bottle scanning machine
- Smart Bottle Diverting system
- Case Erector with bottom tapping
- Gantry based Pick & Place Case Packer
- Top BOPP Tapping
- Case Weigher
- Parent label Print & Apply
- Aggregation verification



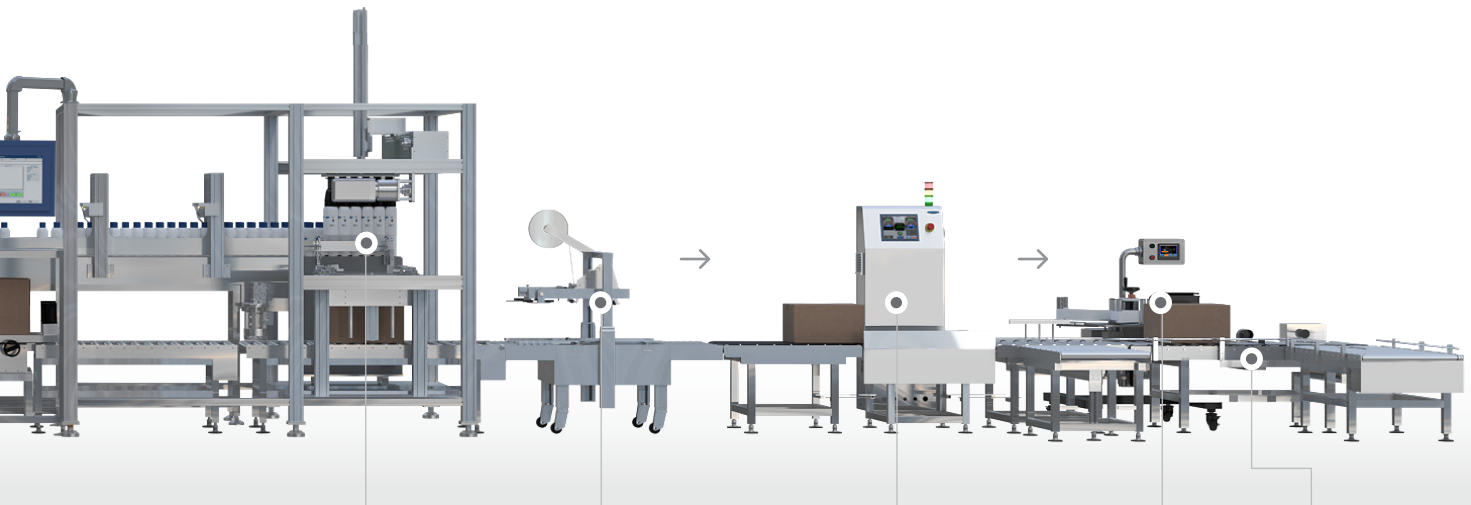
This bottle packaging line offers a comprehensive solution for efficient and precise bottle handling. The process starts with a Check Weigher ensuring accurate weight control, followed by a Labelling Machine that applies labels seamlessly. The Smart Bottle Diverting System efficiently directs bottles for organized processing. The Case Erector prepares cartons, while

the Bottle Bundle Pick & Place Case Packer ensures swift and accurate packing. Top BOPP Tapping securely seals the cases, and the Case Weigher guarantees proper weight compliance. Finally, the Print & Apply system adds case labels for traceability, enhancing overall efficiency and accuracy.

TOP VIEW



PRODUCT



Gantry based Pick & Place Case Packer

Top BOPP Tapping

Case Weigher

Parent label Print & Apply

Aggregation verification

Accurate Weight Control

The bottle check weigher with a rejection bin ensures that only bottles within the required weight range proceed, enhancing quality control and minimizing product wastage.

Precise Labeling and Inspection

The sticker labelling system, combined with vision inspection, guarantees accurate label placement, reducing labeling errors and ensuring compliance with product standards.

Efficient Bottle Handling and Case Forming

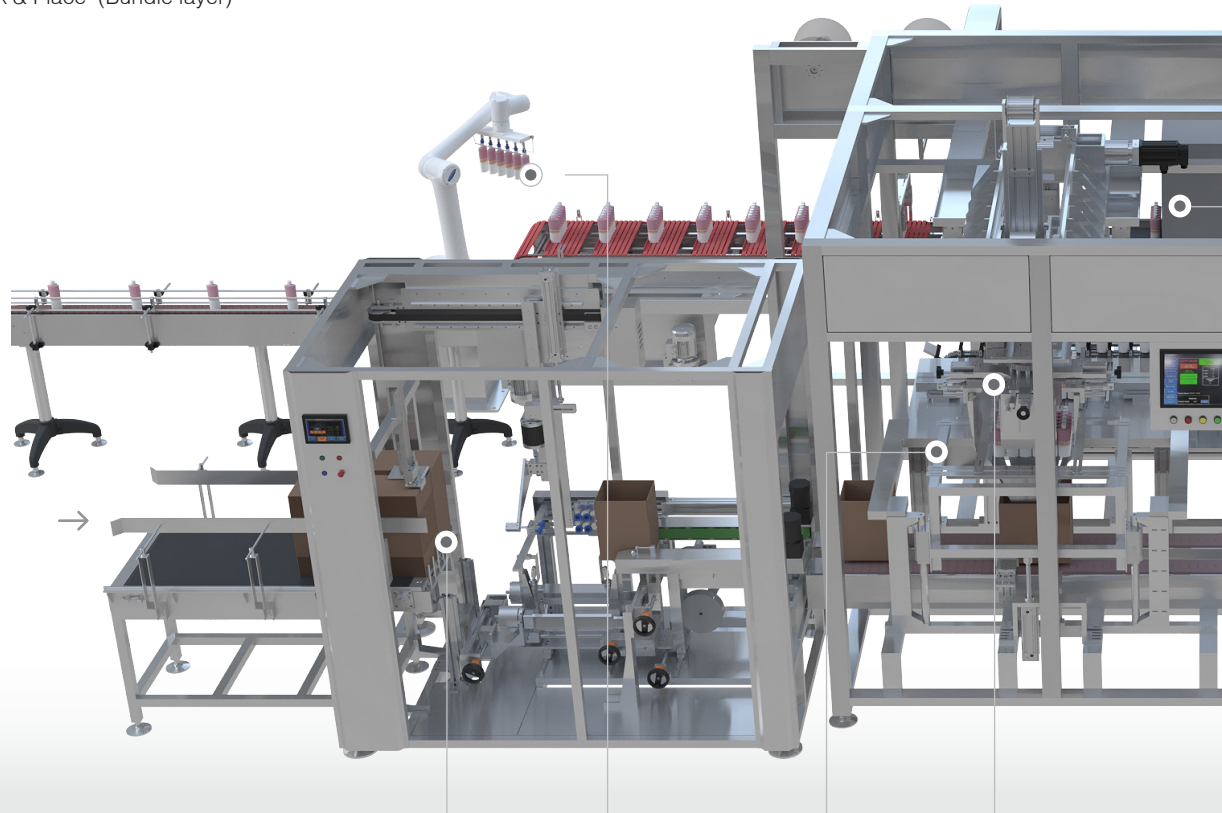
The row-wise bottle diverting system forms predefined bottle matrices, while the electro-pneumatic pick & place mechanism ensures precise case forming with secure bottom tapping, improving packing speed and accuracy.

Reliable Case Packing and Traceability

The servo-based gantry system and specially designed grippers ensure secure bottle handling, while the top case folding and BOPP sealing mechanism, coupled with case labeling and rejection systems, ensure proper sealing and traceability of packed products.

Bottle Bundle Line

- Case Erector
- Cobot base Pick & Place (Bottle row)
- Shrink wrapped bottle collater
- Gantry based Pick & Place (Bundle layer)
- Case Packer
- Print & Apply
- BOPP tapping
- Palletizer



Case Erector

Cobot base Pick & Place (Bottle row)

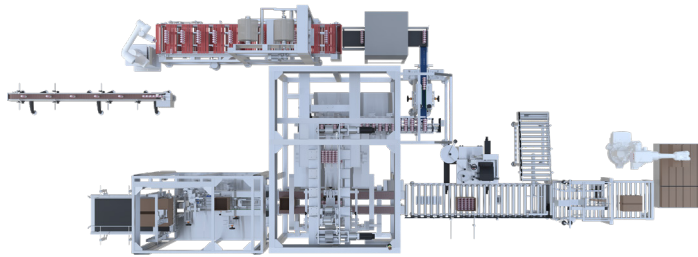
Case packer

Gantry based Pick & Place (Bundle layer)

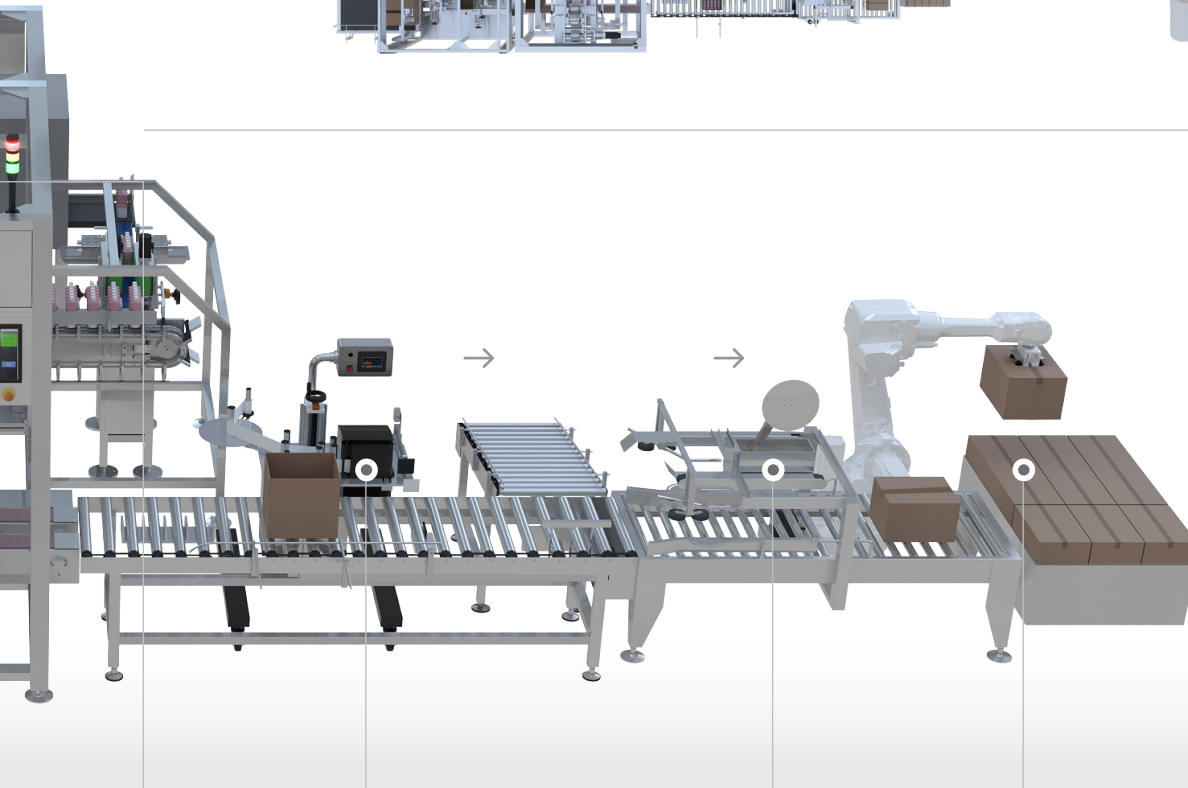
The bundle line for bottles streamlines the packaging process with precision and efficiency. It features a Case Erector for fast and reliable case formation, ensuring secure and stable packaging. The shrink-wrapped bottle collater organizes the bundles, making the process of packing more efficient. The pick & place case packer

accurately places the bundles into the cases, reducing manual handling and increasing throughput. This automated line improves packaging speed, ensures product integrity, and reduces errors, making it ideal for high-volume production environments.

TOP VIEW



PRODUCT



Shrink Wrapped
Bottle Collater

Print & Apply

Bopp Tapping

Palletizer

Efficient Case Forming

The electro-pneumatic pick & place mechanism for case forming, combined with a bottom tapping system, ensures precise and secure carton formation, reducing errors and ensuring packaging integrity.

Optimized Bundle Collation

The online shrink-wrapped bundle collating station arranges bottles according to pack size, streamlining the packaging process and enhancing overall efficiency.

Accurate and Flexible Bundle Placement

The servo-based two-axis (X-Y) gantry system, along with specially designed grippers, ensures accurate and secure placement of bundles in cases, optimizing speed and reducing manual handling.

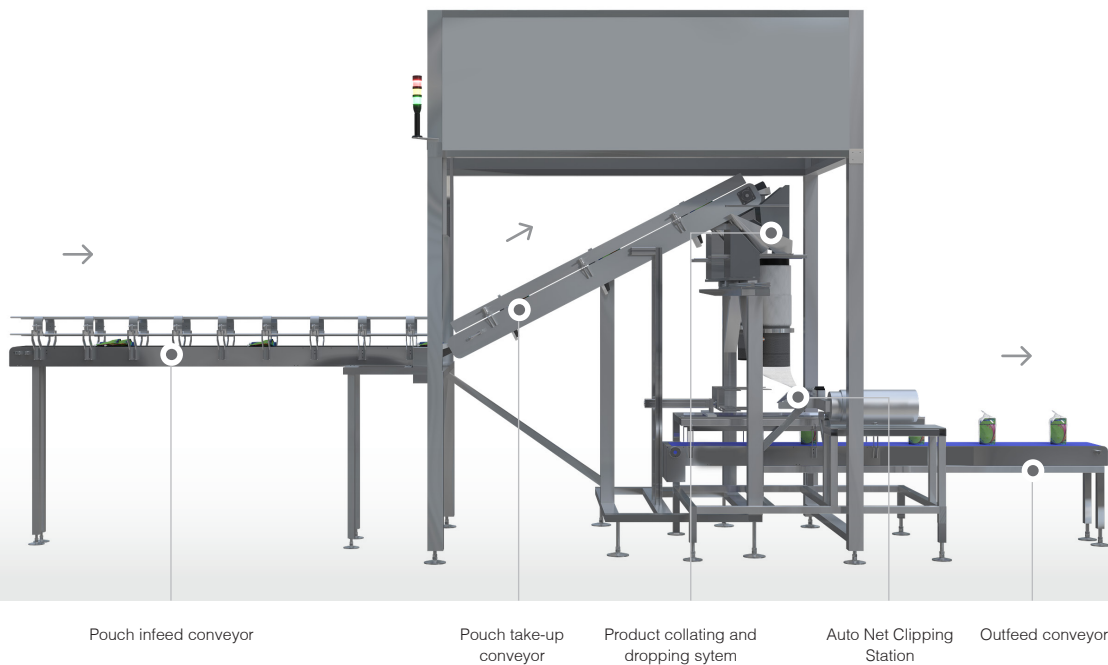
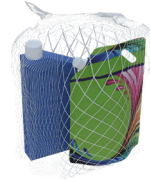
Versatile Bundle Orientation

The rotary-type linear actuator allows bundles to rotate up to 90°, providing flexibility to accommodate different product pack styles and ensuring proper alignment within the case.

Net Clipping

- Pouch infeed conveyor
- Pouch take-up conveyor
- Product collating and dropping system
- Auto Net Clipping Station
- Outfeed conveyor

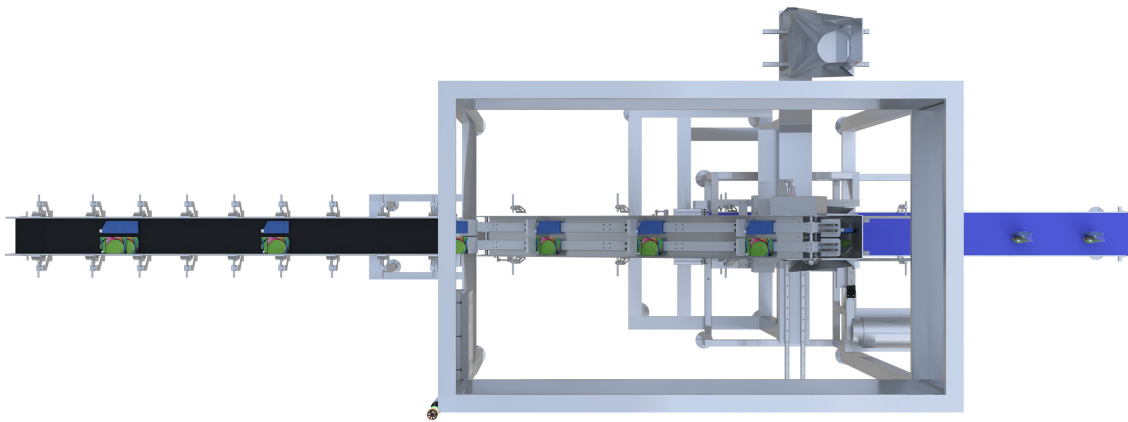
PRODUCT



The net clipping line integrates an advanced and automated packaging process for optimal efficiency. The line features an automatic pouch collating station that organizes pouches for streamlined handling. The pouch lifter ensures smooth and precise vertical movement, while the Gantry Type Pouch Pick & Place System accurately transfers pouches into the net. The Auto

Net Clipping Station secures pouches with a reliable net clip, ensuring product safety during transportation. This automated system enhances speed, reduces manual labor, and ensures secure and precise pouch packing, making it an ideal solution for high-volume production environments.

TOP VIEW



Smooth Pouch Collation

The buffer conveyor efficiently collects pouches from the outfeed of the filling machine, allowing for a continuous and organized flow, reducing bottlenecks and improving process efficiency

Efficient Pouch Elevation

The inclined conveyor with a clit mechanism ensures the smooth elevation of pouches, enabling seamless integration into the next stages of the packaging process.

Accurate Pouch Placement

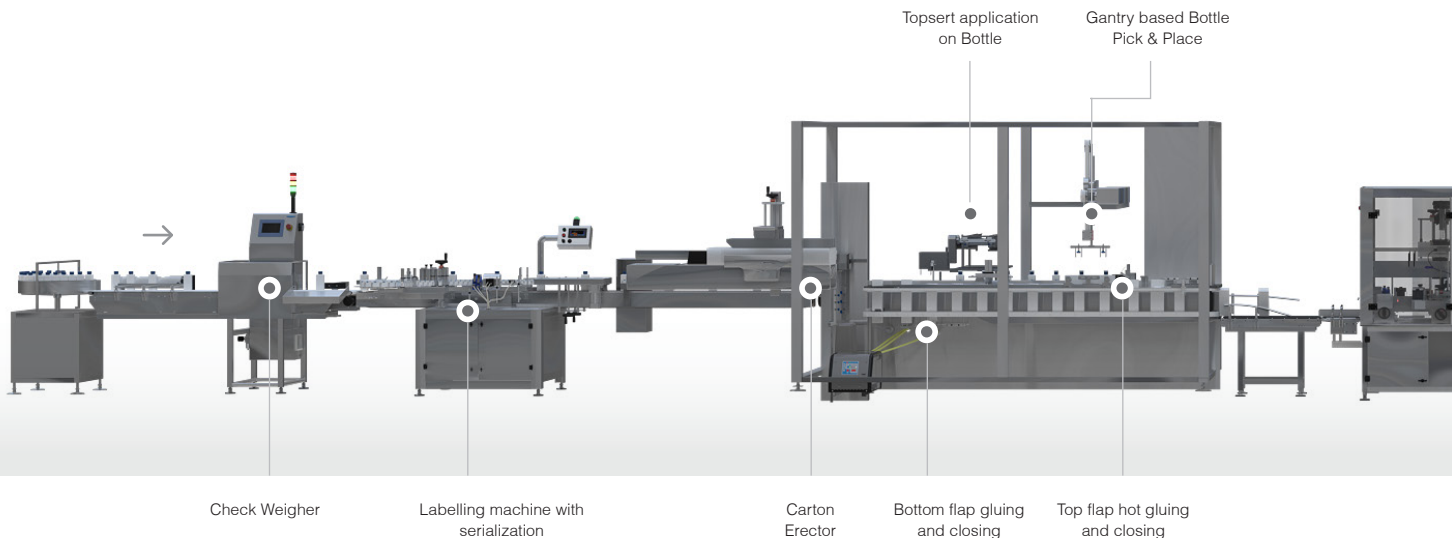
The servo motor-driven X-Y axis movement in the pouch pick & place system, with a gripper capable of handling two pouches at a time, enhances accuracy and speed in pouch placement, optimizing productivity.

Secure Net Clipping

The automatic net clipping mechanism, with a sturdy and compact clipping head, ensures secure fastening of the pouches, providing reliable packaging for safe transportation.

Bottle line - Vertical Cartonator with Serialization

- Check Weigher
- Labelling machine
- Carton Erector
- Bottom flap hot gluing and closing
- Topsert application on Bottle
- Gantry based Bottle Pick & Place
- Top flap hot gluing and closing
- Serialization machine
- Case Packer with aggregation
- BOPP Tapping
- Shipper weigher
- Print & Apply
- Aggregation verification

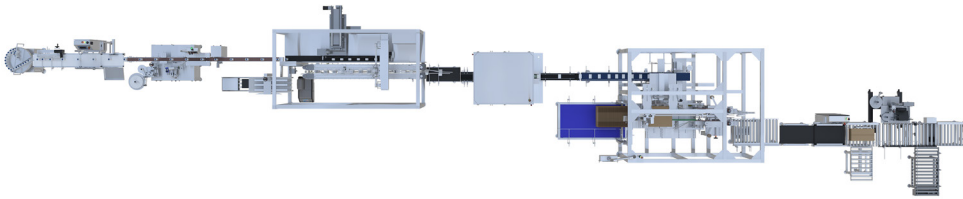


The Bottle Line with Vertical Cartonator and line automation is expertly designed for ensuring efficient and precise packaging. The process begins with Carton Erection, followed by Bottom Flap Gluing and Closing for secure packaging. A Topsert Application places critical information on top of the bottles, while the Gantry-based

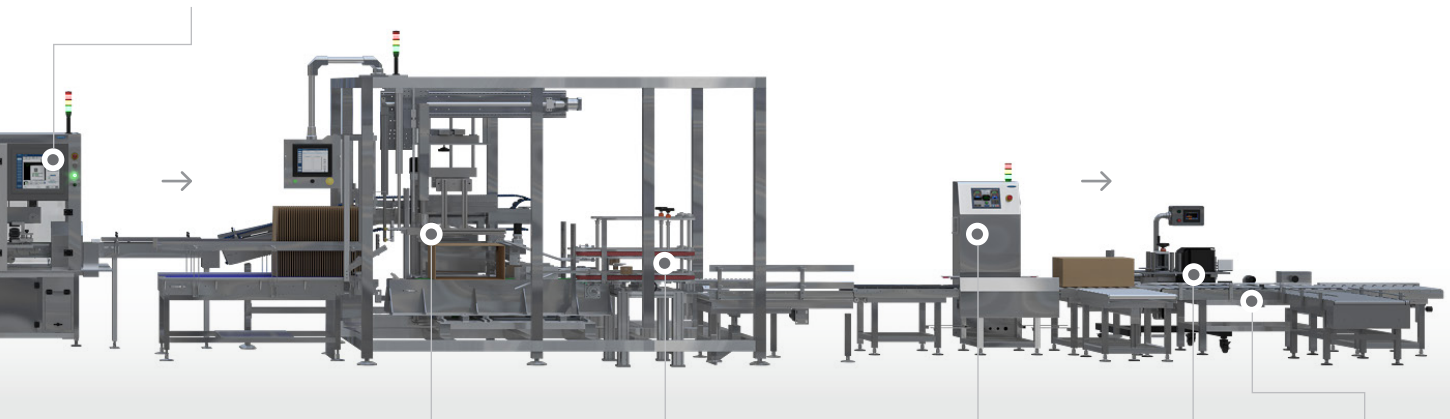
Bottle Pick & Place maintains accurate product handling. Finally, Top Flap Hot Gluing and Closing seals the carton, ensuring product integrity. This automated line enhances speed, reduces manual intervention, and maintains compliance with packaging standards, offering seamless and reliable packaging for high-volume production.

TOP VIEW

PRODUCT



Serialization machine



Case packer with aggregation

BOPP Tapping

Shipper weigher

Print & Apply

Aggregation verification

Precise Carton Handling

The motorized magazine-type carton feeding unit, combined with a servo-driven indexing mechanism and electro-pneumatic carton picking and opening, ensures accurate and smooth carton handling, improving overall packaging efficiency.

Secure Carton Sealing

The hot glue station for bottom and top carton closure provides a secure seal, preventing tampering and ensuring product safety throughout transportation and storage.

Accurate Leaflet Application

The servo-driven dual head leaflet pick & place station, along with continuous feeding and proper bottle positioning mechanisms, guarantees precise placement of essential product information, enhancing compliance with regulatory standards.

Efficient Bottle Loading

The servo-driven dual head bottle pick and place mechanism ensures accurate and quick bottle loading into cartons, optimizing speed and reducing manual intervention for high-volume production.

Our Support Mechanism



Support
Team 24X7



Maintenance
Engineering



Site Level
Support



Location
Manage



Service



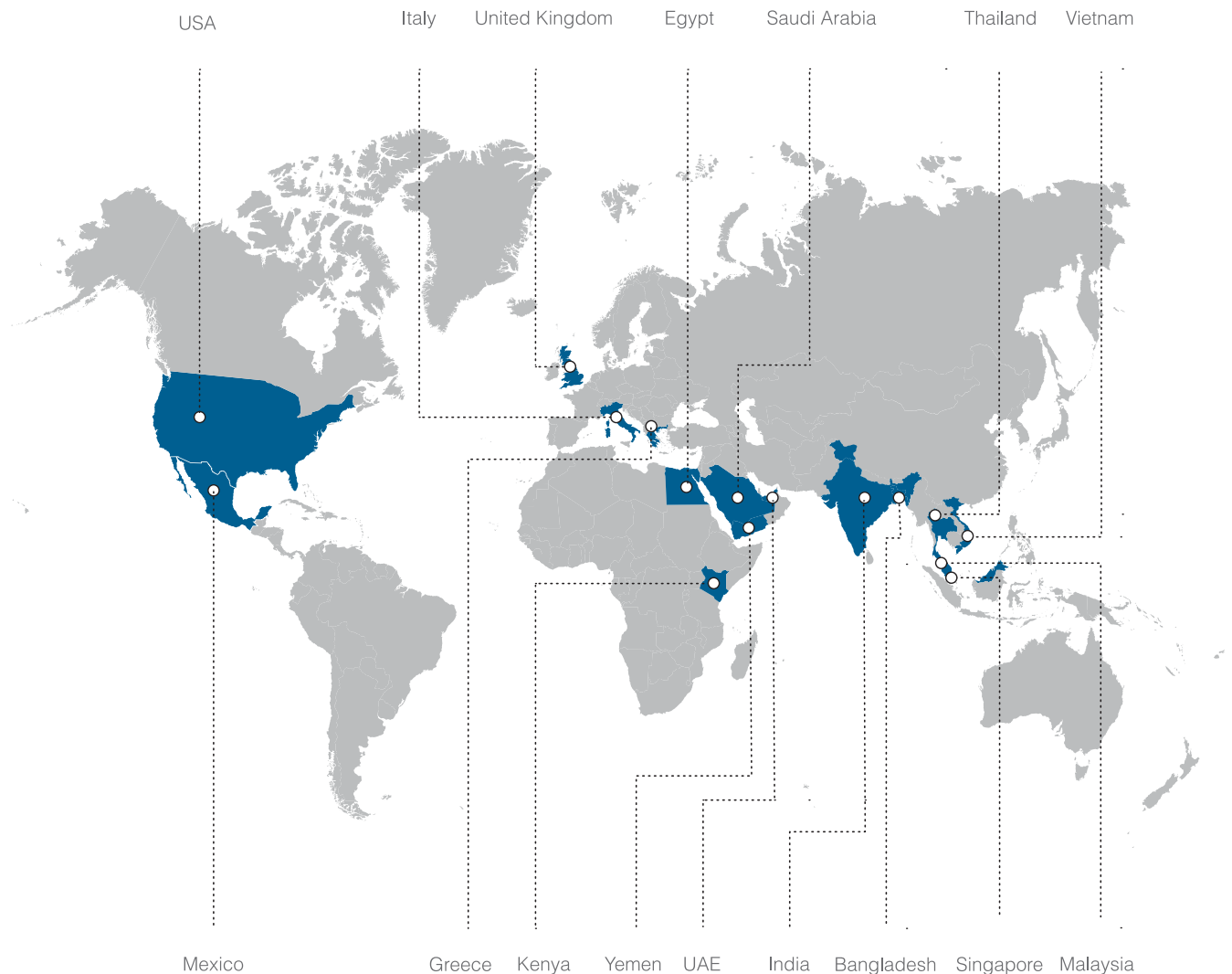
Project
Team



Sales

Our Global Reach

We have crossed cities, states, countries, and continents to make our innovation in end of packaging line solutions, a global resource. Through the breadth of our network, we hope to extend our ideas, expertise, and experience to empower your business around the world.



Clientele

We are the company we keep. We work closely with a wide range of globally respected organizations operating in different sectors and regions across the globe.



and many more satisfied customers...







SHUBHAM

**Shubham Automation Pvt Ltd
Manufacturing Unit 1**

Plot No. 40/10, Phase-1, GIDC, Vatva,
Ahmedabad - 382445. INDIA

Manufacturing Unit 2

Plot No. 87/2/A, Phase-1, GIDC, Vatva,
Ahmedabad - 382445. INDIA

Sales Office

Tel: +91 75758 01301
sales@shubhamautomation.co.in
www.shubhamautomation.co.in