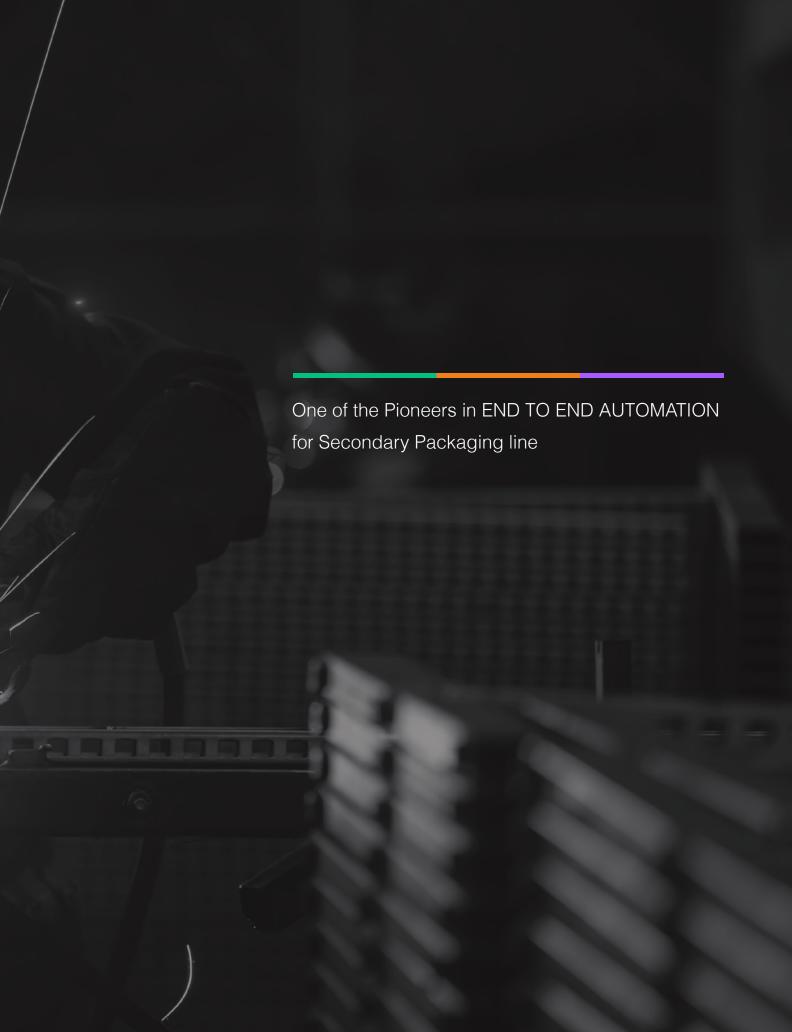




Automating the End of Packaging Line







# **Vision**

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

# **Mission**

- To offer path-breaking global solutions on the Make-in-India platform.
- To emerge as a product to project solutions provider for India's end of packing line industry.
- To lead the future in cutting edge technologies involving robotics, IOT & Industry 4.0.
- To be a process driven organization always keeping Quality first.
- To respect the environment and leave the earth better than we found it.

# **Philosophy**

- We are our customer's helpline and customer is our lifeline.
- Humane approach to human challenges makes for a peaceful world.
- There is never a problem in the world without a solution.
- Hierarchy never stopped a good idea whose time has come.
- Innovation, make mistakes, smile, learn and innovate again.



# **About Shubham**

Shubham started as a technology firm dealing in solutions beginning with a Quality Assurance project in the pharma sector. An innovative solution sparked the need to diversify technology combined with mechanical and electronic problem solving products. Thus was born the zeal for solutions ensuring completeness and correctness for manufacturers and end-users.

Sustained success ensured Shubham Automation Services began offering intelligent solutions incorporating IT with automation involving supply chain management for Pharmaceuticals, Packaging, Textile, Automobiles, Chemicals and Fertilizers among others. All solutions, besides being unique and innovative, always comply to global standards and regulations ensuring credibility, competitiveness & consumer centric approach. Each innovation brought Shubham closer to the Manufacturer and the Consumer.

Wholesome support from OEM customers and end users coerces Shubham Automation continuously up the game and reach out beyond.

# **Core Team**



### **Prashant Patel**

Process and Operations runs in Prashant Patel's blood. A graduate in Engineering specializing in Instrumentation & Control, Prashant has helped create and launch latest cutting edge technologies and leads the engineering, research and development at Shubham Automation.

Tirelessly pursuing newer domains and technologies, Prashant is all geared up to take Shubham global.



### **Biren Patel**

Automation rules Biren Patel's mind all the time. The heart of Shubham Automation, Biren has been at the forefront of offering innovative solutions and searching for newer avenues to suit each industry need globally.

An Instrumentation & Control engineer, Biren dreams of making Shubham a global brand competing with the biggest and best in the world, leading in the field of Automation.



### Sanjay Patel

Smiling and forever implementing, Sanjay Patel is also an IC Engineer who shares the dream of making Shubham the leader in Track and Trace and Image Processing based solutions. Sanjay brings a rich and varied experience and is the force keeping us ahead in Innovation. Today he heads Shubham's Quality Management System too.

Sanjay measures his journey in the number of lives he touches with the innovation he offers on a regular basis.



Enters the sensor industry & partners with Turck Germany and Banner industry, USA.

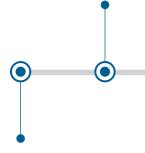
2000

Company posts 20x financial growth since inception

2008

Won the first order in India for 2D inspection on a carton from the world's leading pharma firm.

2011



# 1998

Established the company by name Shubham Automation



Wins the GSM technical bid for prototyping automated SRP performance.

# 2009

Acquires factory setup progresses from Mechanical to Automation to complete the circle.

# 2013

Becomes Country partner for world's leading industrial camera firm. Develops vision tool library to offer world class solutions for pharma & FMCG Packaging line

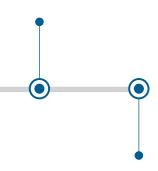


International business grows by 3x restoring faith in the company.

2018



Introduced Elephas our integrated Case Erector and Case Packer solution



Delivering end to end solutions for Food, Pharma and FMCG in

secondary packing.

2024

Entered into Logistics and

Warehousing Automation

2019

Introduces Robotics, Advanced Track & Trace, Packing & automation. 2023

Setup new manufacturing facility for Inspection and Track & Trace solution range 2025

Going bigger with its state-of-the-art manufacturing facility for End to End Automation solutions and the launch of its new software company, TechTrio, paving the way for smarter automation and digital innovation



# Multi-Industry Solutions

# **Pharma Solutions**

Shubham Automation with its pioneering track and trace products helps prevent errors and mix-ups resulting in an efficient product tracking and verification process. All of these seamlessly document history of goods, codes and tracks products through its logistic cycle.

Superior automation products maintain an accurate record and data pertaining to movement, availability and traceability of products in the Pharma sector.

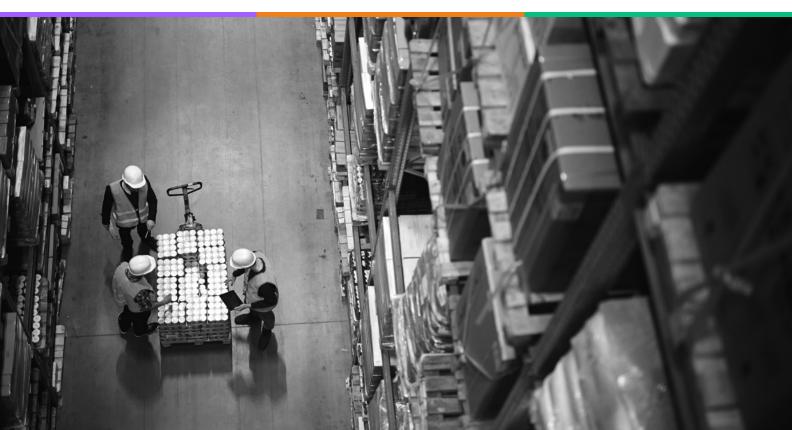
# **FMCG Solutions**

Shubham Automation offers correctness and completeness solutions ensuring security, safety and automation in compliance with the domestic and International laws. This addresses FMCG industry problems like counterfeit packs, mislabeling, absent information, tracking shipments, product labelling, weights and expiration information.









# **Food & Beverages solutions**

In a sector where government regulations are always evolving, Shubham Automation invests into technology for food safety to protect and minimize the impact of a recall and also sustain brand credibility. Our QA products help maintain the right quality leading to integrity and credibility of the brands.

# **Chemicals & Fertilizer Solutions**

In an industry where automation plays an important role Shubham Automation pioneers solutions that reduce costs and increase margins through effective tracking of products. Automated inventory data management, scrap management and cost control tracking fine tuned to the industry requirement lead to higher production rates and increased productivity. Shubham's products also lead to efficient use of materials, better product quality, improved safety, shorter workweeks for labour, and reduced factory lead times.















# 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 errorsleads 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.



# Shubham's area of expertise



# Inspection

Proper labelling, right wording and adequate quality parameters are all assured to fetch success. These are the basic ingredients coupled with weight base errors that can be detected using our systems building up credibility and preventing losses.



# **Track & Trace**

Primary industry need which ensures that the producer exactly knows the location and condition of their products at all times. Our product solutions prevent counterfeit and builds customer and dealer trust for the brand.



# **End of Line Automation (EOLA)**

End of Line Automation (EOLA) is the new operative that replaces all manual processes resulting in zero-error at all stages of production, packaging and dispatch. Our advanced end of packing line solutions are crafted specially for prominent companies.



# **End to End Solutions**

We specialize in delivering comprehensive end-to-end solutions for secondary packing line automation. Our expertise lies in designing, manufacturing, and integrating advanced systems that streamline and optimize the packing process. Our solutions enhance efficiency, accuracy, reliability and security across the entire packing line



# Inspection Products



# **Check Weigher Solutions**

Shubham's Check Weigher safeguards from accuracy pains and credibility losses. The embedded state-of-the-art software combines speed, accuracy and right weight together with in-depth analysis helping solve challenges at the shop-floor level.



Checkweigher Expert

Comes with an air guard to improve accuracy



Checkweigher Accura

Designed to identify even the minimal difference in set weight.



Checkweigher Omni
Generate various reports and optimize operations for better productivity and accuracy.



Shipper Weigher- Jumbo
With advanced technology,
identify the minute difference of
the shipper's weight.

# **Metal Detectors**



**Metal Detector** Highly sensitive best in class



Special purpose Metal Detector Specially designed for detection of metals packed inside Alluminium foil

# **Vision Solutions**

Shubham's PCC Accura automated vision system increases overall line accuracy and quality assurance avoiding recalls, reducing downtime, false-rejects, and rework, thereby increasing line efficiency.



**PCC Accura** 

Powered with PLC-based technology for central control operation.



**Seal Accura** 

Eliminates the chances of leakage due to improper induction sealing.



**Vial Counting System** 

Packed with a high-megapixel vision-based camera, ensures 100% accuracy.



**Hawk MUP** 

Automates the verification of packing material to prevent mix-up and sorts with respective labels.



PCC ACCURA - 3C

Special designed machine for inspection of defects on Tube cartons.



**PCC ACCURA - 4C** 

Inbuilt with encoder based logic to match any speed reference for rejection.

### Applications:











Bottles Ampoules

Pouches

Cartons

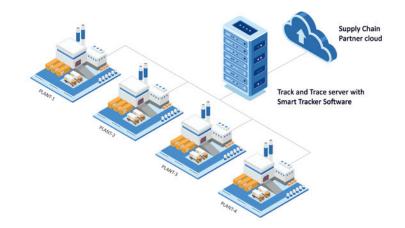
Tubes

# Track & Trace Products



# Smart Tracker The Truth Tracker

Focusing on pharmaceutical industry's challenge of counterfeit drugs Smart Tracker is designed for absolute printing accuracy, integrity and verification.



# **PNS – Serializing Checks**

Shubham's PNS machine, prints & checks different code and human readable information at all levels of packing type. This system can be used to print on virtually any packaging material including labels, cartons, flexible films & foils.



**PNS - TB - SS**Top-Bottom conveying system with tamper proof labelling



**PNS - VAC**Vacuum conveyor for proper hold for 3 Side printing



PNS - FC
Feeder and vacuum conveying
system for unfolded cartons



**PNS - TB**Top-Bottom conveying system



PNS - LM
Compatible to integrate with any labeling machine



**EZPNS-CL-SS**High speed clit type conveying system with tamper proof labelling

# **EZPCR – Aggregating accomplishment**

Shubham stands-out example of innovation using technology. Innovation includes experimentation with mirror technology, all-in-one structure, low maintenance and no downtime for an error-free performance. All set for an aggregation success.



**SMARTSCAN-360**360° inspection and association for bottles using smart camera



**AUTO-2C**Online count-based aggregation with dual station



**AUTO-1C**Online count-based aggregation with single station



ML- 500 Multi-layer Semiautomatic aggregation



**SL-400**Single layer Semi-automatic aggregation



**ROBOSCAN**Robotic Pick & Place of bottles into shipper with aggregation



**EZPCR-M-PL**Manual aggregation with handheld scanner

# End of Line Automation (EOLA) Products





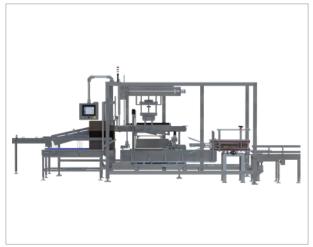
Robotic based Pick & Place for **Case Packing** 



**Case Erector** with Gantry based Pick & Place for **Case Packing** 



**Stretch Banding** solution to make a bundle of cartons with minimal wastage of plastic



**Case Erector**, side product loading **Case Packer** and both side **Case tapping** with optional aggregation capability

# End of Line Automation (EOLA) Products





**Vertical Cartonator** with both side flap glue-based sealing, Leaflet pasting on bottle and gantry type Pick & Place. Optional printing on carton and its vision inspection



**Intelligent Robotic Case Erector** for on demand case selection and erection with label application



Top print and label applicator



Side / corner print and pasting applicator



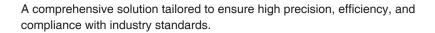


# PACKAGING AUTOMATION

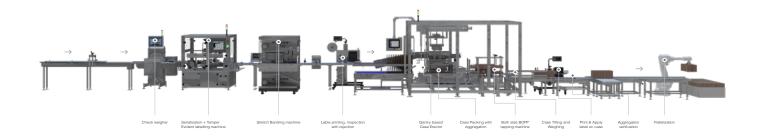
At Shubham Automation, we deliver end-to-end automation solutions that redefine efficiency and reliability in packaging. Our turnkey serialization system, integrated with smart Track & Trace technology, ensures complete product authentication across the supply chain. Engineered for zero human intervention, our one-of-a-kind packaging solution accelerates your workflow with precision and consistency. Our latest End-to-End Automation combines cutting-edge technology into a single, seamless system that streamlines the entire packaging process. Designed especially for the pharmaceutical sector, our solutions offer unmatched flexibility and adaptability to meet industry demands without compromising on speed or compliance.

What sets us apart is our commitment to delivering absolutely compliant automation systems, strictly adhering to 21CFR Part 11 standards. Our machines are powered by advanced features like high-speed, high-resolution cameras and specialized illumination technology for unmatched accuracy. Through intelligent aggregation, our system creates a robust product hierarchy—ensuring a secure parent-child relationship vital for supply chain transparency and security. Whether you're in pharma or any other industry, our custom automation solutions are built to align with your specific needs, helping you stay ahead with scalable, future-ready technology.

# **Carton Line with Serialization**



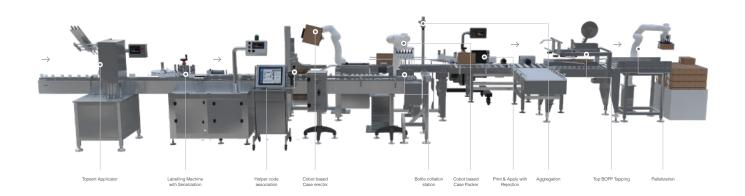




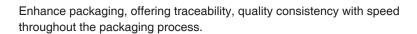
# **US Bulk Bottle Line with Serialization**

A highly efficient packaging solution designed to streamline operations.

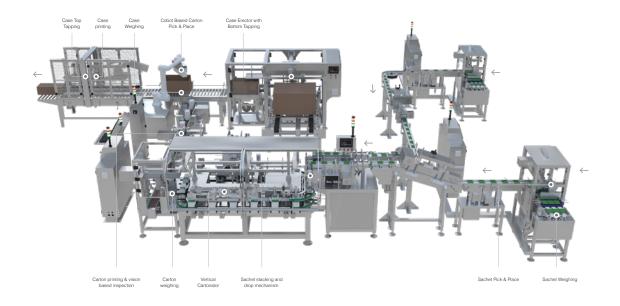




# **Sachet Line**

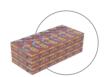


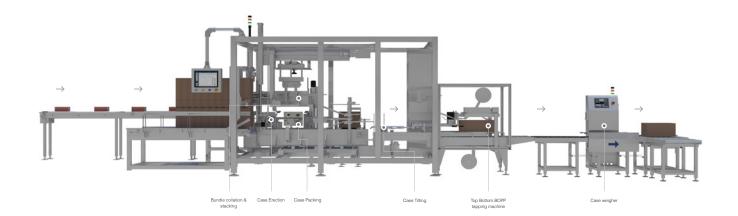




# **Carton Bundle line**

Enhances packaging speed, accuracy, and security, making it ideal for high-volume operations.

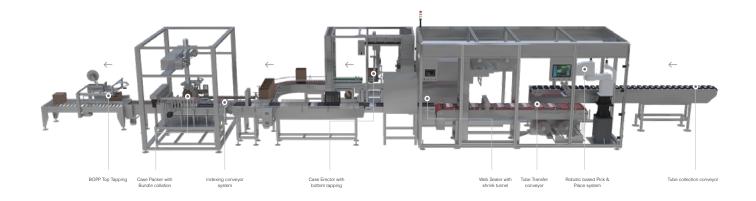




# **Tube Line**

Fully automated line boosts productivity, reduces errors, and enhances product protection during transit.





# Jar Line - Unloading

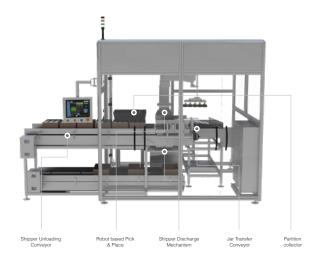
Our jar line offers a highly efficient and automated solution for unloading and transferring jars.

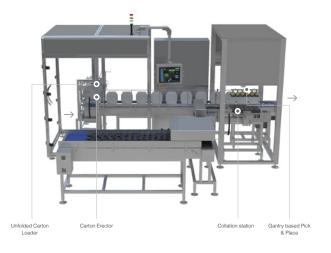


# Jar Line - Loading

Ensure secure and accurate jar placement, making it ideal for high-volume operations.



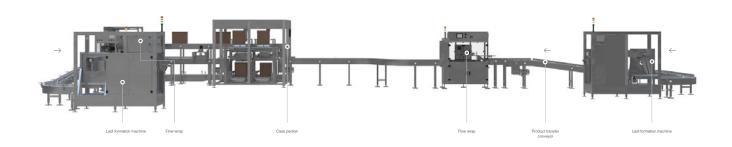




# **Pouch Line**



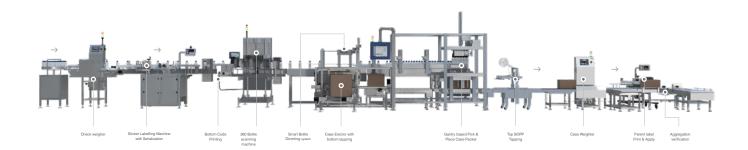
Streamline the packaging process, enhancing productivity, maintaining product integrity, and ensuring consistent packing quality, making it an ideal solution for high-volume operations.



# **High-speed Bottle Line with Serialization**



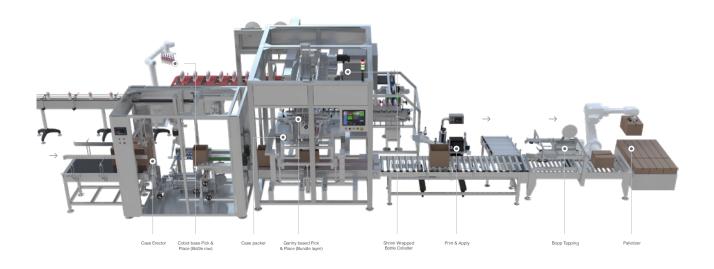
The advanced bottle packaging line delivers a seamless, end-to-end solution for precise and efficient bottle handling.



# **Bottle Bundle Line**



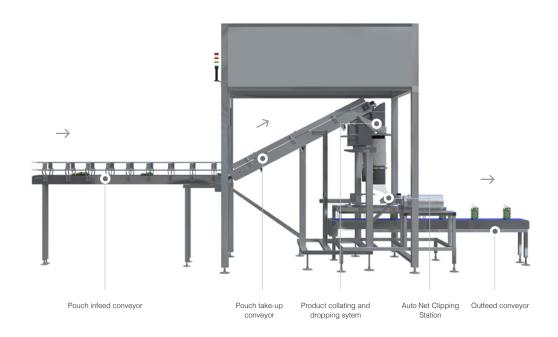




# **Net Clipping**

Efficient solution for high-volume pouch packing, combining precision handling with secure net clipping to ensure product safety during transit.





# **Bottle line - Vertical Cartonator with Serialization**

Increase speed, reduces manual intervention, and maintains compliance with packaging standards.















# Integrated Information Technology

Integrated IT into automation systems create direct lines of communication between automated systems to efficiently communicate with other machinery creating efficient processes. This helps better coordination, efficiency and resolution of issues and information across the system.

Shubham Automation not only leads on hardware innovation but also integrated software. It definitely pays to have an in-house IT team that codes processes that can be intrinsically assimilated with the hardware making it a very powerful combination. Not only does the software team plan integration with the existing hardware but also to think and remain one step ahead while foraying into IOT based solutions and Industry 4.0 compliant.

### **IOT** enabled Solutions

Connected equipment in smart factories bring a lot of changes to companies that are automating their operations, it helps intensify operations and increase productivity and also keeps all levels informed.

Any information relating to the machinery and plant is now at your fingertips from anywhere in the world courtesy Shubham Automation and our integration of IOT. All our machines are IOT enabled to allow free flow and access of information on performance at plant level or personnel driven.

# **Embedded Solutions**

Embedded solutions help create efficiency, maximize performance, and control processes while operating in demanding environments. Especially in industrial automation applications, machine control and monitoring are primary cases that need to be addressed.

With the growing need and competition to stay ahead and lead, a lot of industries are seeking specialized solutions which would need customized answers. Shubham Automation recognizes this need and creates custom solutions that can help organizations lead as per their own vision.





# **Overall Equipment Efficiency**

Overall Equipment Efficiency (OEE) is a great tool to understand how well a line is running. Among the benefits of OEE are tracking downtime, production levels, and waste. Besides, this can also determine causes or effects of system events in real time, allowing them to respond faster.

It is not important to only deploy hardware but also be constantly aware of efficiency of the machines at regular intervals. Shubham Automation's software solutions keeps you connected and aware of the equipment efficiency of all your hardware from any location.

# **Industry 4.0 Compliant**

Industry 4.0 is the current trend of automation and data exchange in manufacturing technologies, including cyber-physical systems, the Internet of things, cloud computing and cognitive computing and creating the smart factory.

Globally, Industry 4.0 is transforming industry through the intelligent networking of machines and processes with the help of information and communication technology (ICT). Shubham Automation is all set with software and hardware ready to take on the 'fourth industrial revolution' in industry.





# Infrastructure & Manufacturing Capacity

We are steadfast on our philosophy of Customer Centric Engineering, Future Ready Infrastructure and Consistent Research & Development.

Since inception, we have increased our capacity 20 times and continue to do so even more. Headquartered at a large double office, all our personnel have access to the latest and best of systems to engage in research and development besides upgradation and evaluation. A massive industrial area has been procured to continuously produce machines and products that are high on quality and impeccable in results.

We invest a lot into Research and Development and have a specific area demarcated for the same with a special team of experts who are constantly evolving and trying new ideas to make our products better, faster and more accurate. We have increased our reach to the farther most corners of India and far out to the World to access and service clients.







# Our Team

Multi-disciplinary, committed and passionate are just the three values that define our powerful teams. Our policies are employee friendly and humane and offer a very creative conducive environment to retain the best of talent.













# **Our Support Mechanism**







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.













































































































### **Shubham Automation Pvt Ltd**

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