



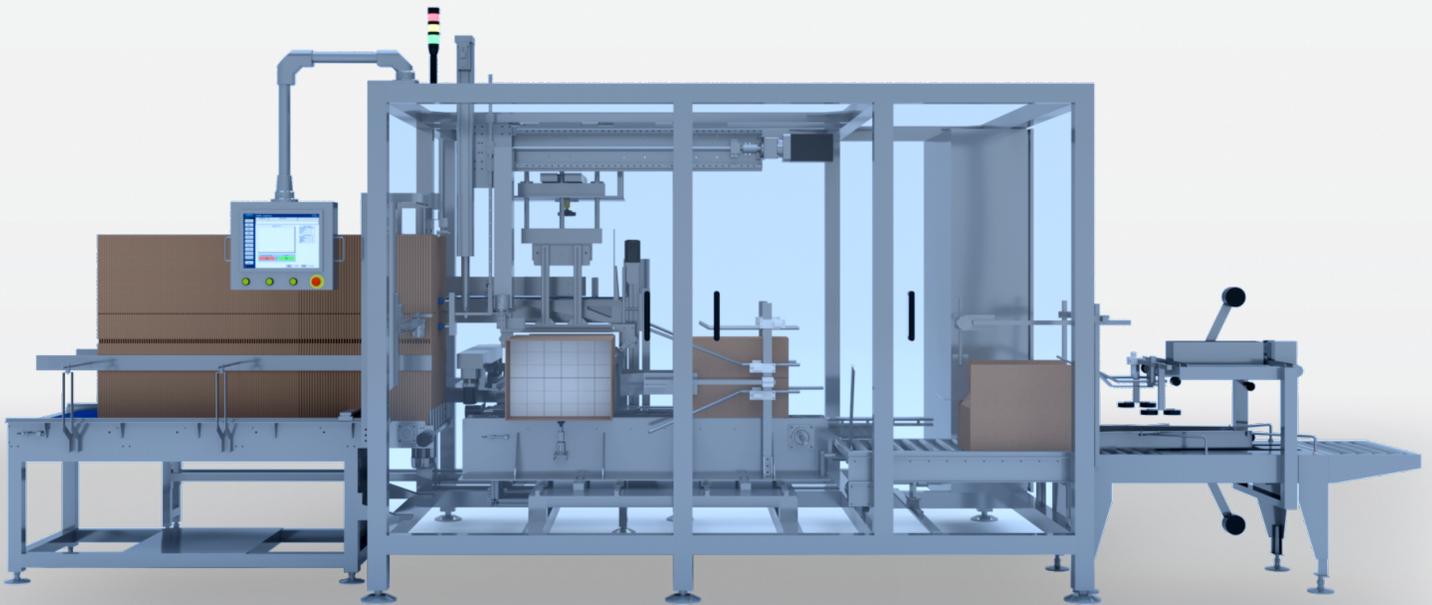
ELEPHAS

YOUR PACKING AUTOMATION PARTNER

YOUR PARTNER
FOR SMART
PACKING



FOR CARTONS



YOUR PATH TO SUCCESS



Introducing an Intelligent Way to Pack Cartons

Shubham Automation is proud to bring you an end-to-end automated packaging solution in the name of 'Elephas'.

'Elephas' comprises of the latest End-Of-Line Automation (EOLA) that includes Case Packer, Erector, Case Sealer, Online Weighing, and Print & Apply that will take away your packaging troubles by expediting and streamlining your entire product packaging process.

How it works

Advanced packaging solutions created with the latest technology to best suit your requirements - the expert team of Shubham Automation designed a solution that will rightly suit all the industries Pharma, FMCG, Food & beverages, chemicals, and many more. We have integrated case packing systems with our case erector to pack various types of cartons for packaging automatically. Our smart case packer machine is versatile in case packing applications and easy to operate on the production floor.

Smart Case Packer

Our advanced Case Packer is a side-loading product designed to enable the smart carton collating mechanism. This advanced system can make any predefined carton matrix according to the number of layers and shipper size. Servo-driven pusher mechanism transfers formed matrix accurately into the shipper. Elephas uses a shipper holding and stopping mechanism to ensure the correct position of the shipper during carton placement.

The experts at Shubham Automation have developed this state-of-the-art technology to ensure the shipment is packed with the correct matrix.

Case Erector

This Elephas product can also quickly and efficiently pack cartons to side-loading with horizontal cases. A high-speed 2-Axis servo-driven Gantry mechanism allows the Shipper to open smoothly and swiftly with specially designed vacuum grippers to hold the shipper for packing the cartons and then intelligently sealed with a side taping. This process of case erecting has a proven record of improving performance and reliability.

Weigh It Right

Our weighing system- Checkweigher combines speed and accuracy to ensure all your shippers are of equal weight while boosting productivity and efficiency throughout the manufacturing line. It transfers any incorrect weighing shipper to a rejection conveyor, making it easier to find defective items and reducing operational costs.

Print & Apply

Elephas offers a solution that easily monitors and controls the printing and applying process. It improves productivity across your packaging line while ensuring that labels are always applied at the right place.

Secure Supply Chain

Elephas has an extended feature for aggregation that creates a parent-child relationship for a secure supply chain through our Track & Trace system. The cartons are placed into the case layer wise and a smart camera's code scanning feature reads and confirms the serialization codes. After the confirmation, Elephas solution prints a case label from dedicated printers and the label is applied to the case.

Rest assured that your product will be packaged in the best manner before it's shipped out!

Key Benefits



Quality Control



Ease of operation



Improved Production speed



Better
Information Access



Reduced
labor injuries



Reduced
staff hours

Applications



SERIES: ELEPHAS

Specification

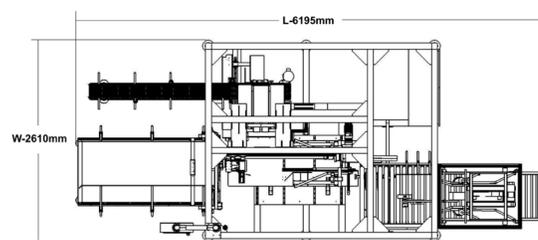
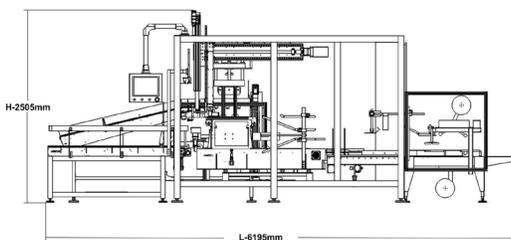
Application	Carton Line
Product loading	Side loading
Pick & Place Type	Two Axis Servo driven Gantry for Case opening
User Interface	12" industrial grade touch display HMI
Control System	Industrial 4.0 compliance Ethernet PLC
Drive Controls	Communication based
Safety Guard with interlock	Acrylic / Polycarbonate cabinet with Safety door switch
Conveying mechanism for Product	Micropitch Flat top chain conveyor
Conveying mechanism for Case	PVC type belt
Cabinet Housing	MS Powder Coated
Maximum Case Dimensions	500 mm x 500 mm
Speed	Up to 180 PPM
Machine Dimensions	6195 mm (L) x 2610 mm (w) x 2505 mm (H)
Power supply	440 VAC, 3 ϕ 50 Hz

Unique Features

- High-speed row wise stacking for carton collation as per defined matrix
- Servo driven transfer mechanism for cartons
- Efficient case erector with minimal foot print
- Large touch screen Display for ease of use and view
- Auto Shipper discharge station after completion of carton Packing
- Fully Safe, Rugged & Compact design

Optional Features

- Aggregation facility using Smart Camera with Mega Pixel Lens and balanced illumination technology
- Integrate with Online Shipper Weigher
- Integrate with Print & Apply mechanism to apply label on Shipper
- High Resolution Camera for Shipper Label Scanning
- Easily integrates and works best with our T&T software- SMART TRACKER as well as any Third party software
- 21 CFR Part 11 Compliance



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