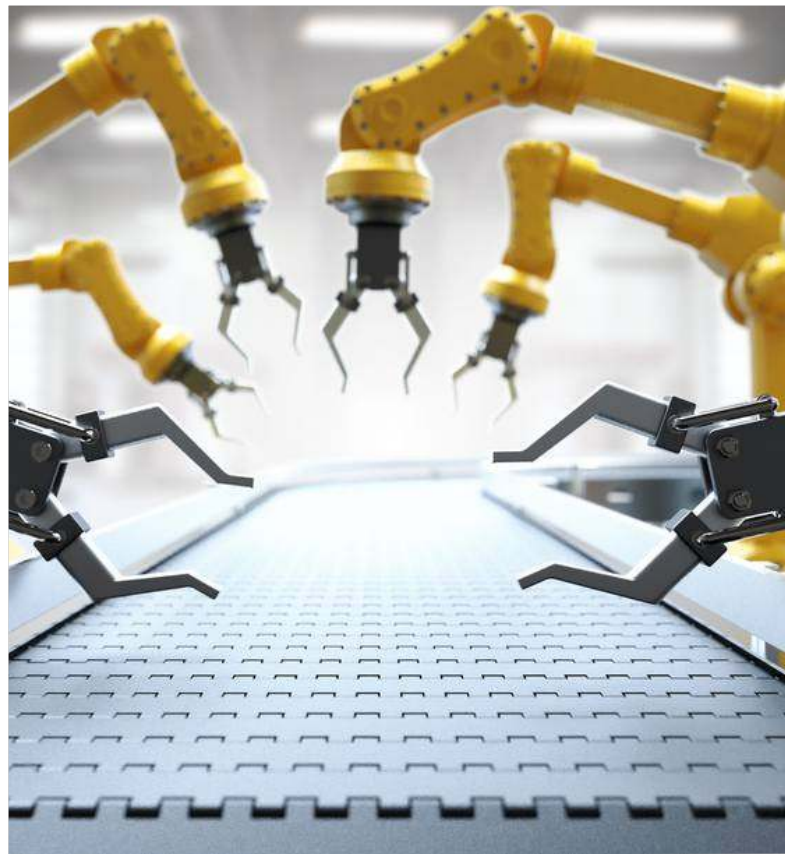


# ***INNOVATING PACKAGING TRENDS***

**ALLIGATOR<sup>®</sup>**  
A u t o m a t i o n s



## **OUR EXPERTISE**

**AUTOMATIC BAGGING SOLUTIONS | SECONDARY PACKAGING SOLUTIONS  
PALLETIZING SOLUTIONS | INTRALOGISTIC CONVEYOR SOLUTIONS  
AUTOMATIC TRUCK LOADING SOLUTIONS**

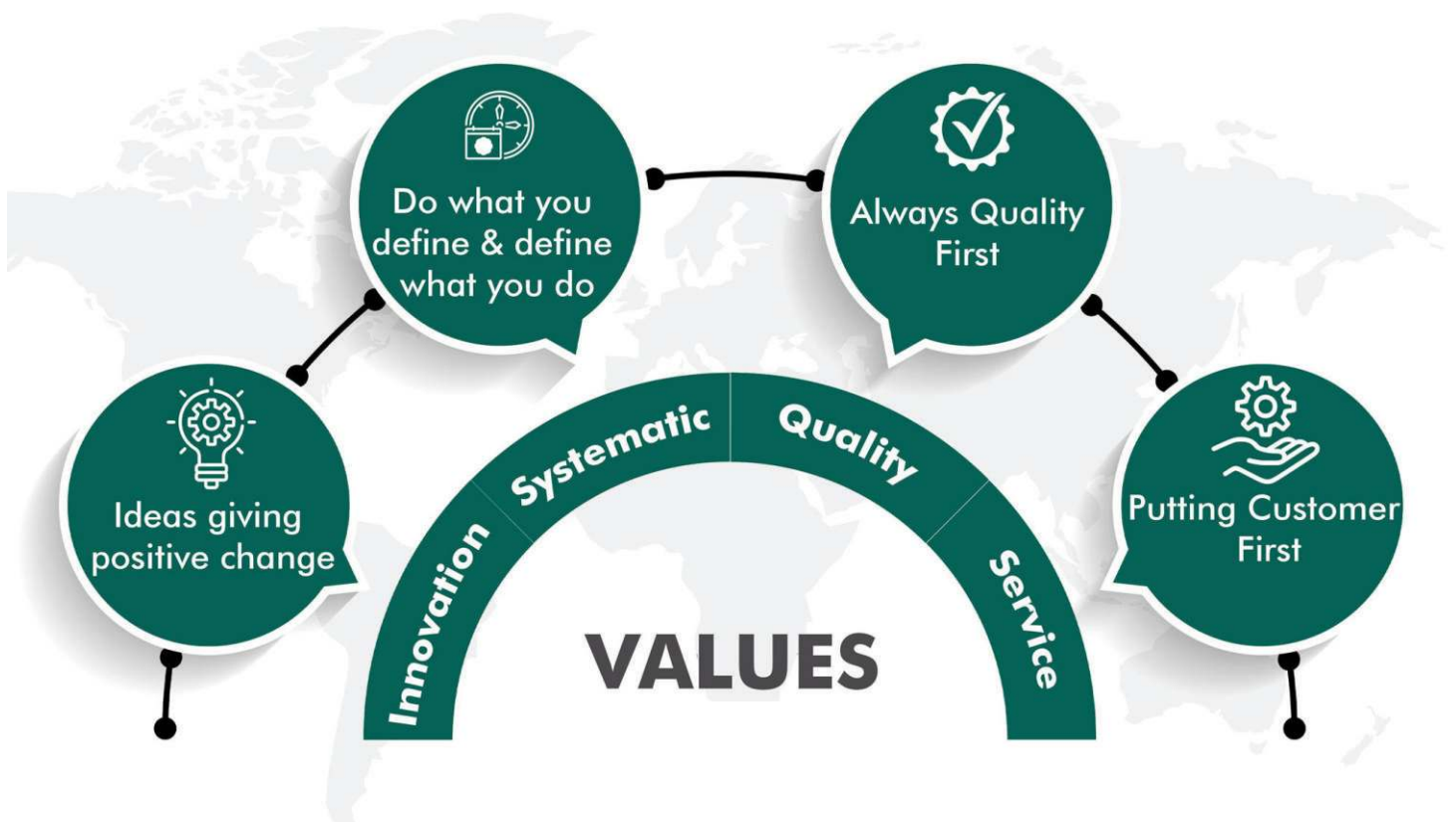
# About Us

Alligator is an engineering company supplying and commissioning turnkey project solutions for various end of line packaging needs in the market. We empower the best technology practices in the industry to drive success through innovation.

At Alligator Automations, our capability lies in our diverse in-house engineering teams, specialising in control, software, design, application, and project management. Over the past 15+ years, we've devoted ourselves to innovation and research, making a mark in end-of-line packaging automation and serving various industries with our solutions.

## Our Vision

Bring pride to our nation by building innovative packaging technology for the globe



# Automatic Bagging Solutions

## Open-Mouth Filling Systems

### SPECIFICATIONS

Filling/Weight	10-50 kg
Suitable for	Seeds, Grains & Pulses Powders, Fertilizers & Granules
Bagging Speeds	Upto 20 bags/min (depends on the product)
Type of Feeder	Belt, Screw, Vibratory & Gravity
Bag Type	Polywoven bag, LDPE, HDPE, Paper bag



## FIBC Jumbo Bags

### SPECIFICATIONS

Suitable for	Granular, flake, powder, pellet
Bagging Speed	Upto 40 bags/hour
Weight Range	500-2000 Kg
Types of Bags	Bulk bags
Bag Material	Woven/polypropylene





# Secondary Packaging Solutions



## Bag in Bag

### SPECIFICATIONS

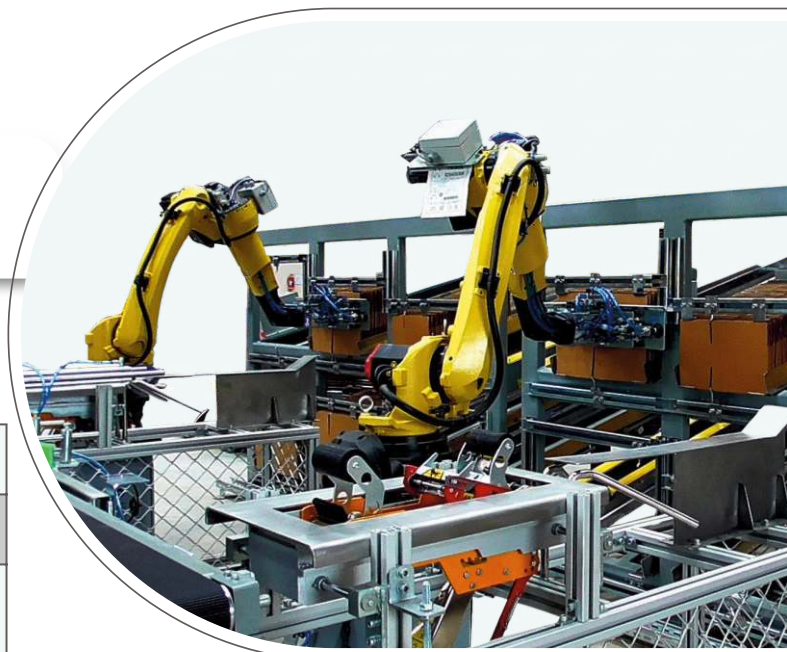
Pouch Weight	0.2Kg – 10Kgs
Secondary Bag	10-50Kg
Bag Width	100 to 535mm (3.9 to 21")
Machine Speed	Infeed - 40-150 pouches/min Outfeed - 6-12 bags/min
Material of Bags	PE/HDPE/paper/woven bag
Material Type	Grain, powder, paste, and so on



## Case Packaging Solutions

### SPECIFICATIONS

Machine Speed	10-20 cartons per minute
Type of Carton	3/5 ply
Product Type	Pouches, bottles, cases, cups, cones, candies, bars, glass bottles etc.
Packer Type	Robotic pick and place, gantry pick and place, drop-down type, pusher type
Case size (LxWxH)	Minimum: 5.5 x 5.5 x 6 inches Maximum: 21 x 16 x 22 inches *other size ranges are available



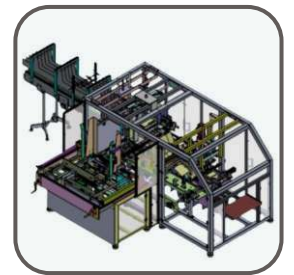
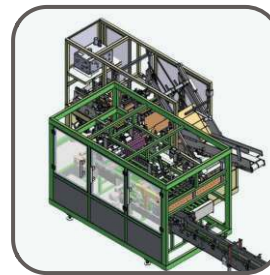


# Case Packaging Solutions

## Case Packaging System

### SPECIFICATIONS

Speed	1-8 cycles/min
Payload	60 Kg
Air Consumption	3-5 CFM at 5 bar
Electricals	4kw, 3ph, 440V, 50Hz
Product Grippers	Customized to suit product
Machine Weight	Approx 1000Kg



## Shrink Wrapper System

### SPECIFICATIONS

Speed	1-18 Pack/min
Cutter/ Tunnel Size	700mm
Air Consumption	3-5 CFM at 5 bar
Electricals	3-16kw, 3ph, 440V, 50Hz
Max Current	10A-35A
Machine Weight	Approx 500Kg



# Palletizing Solutions

## Robotic Palletizing

### SPECIFICATIONS

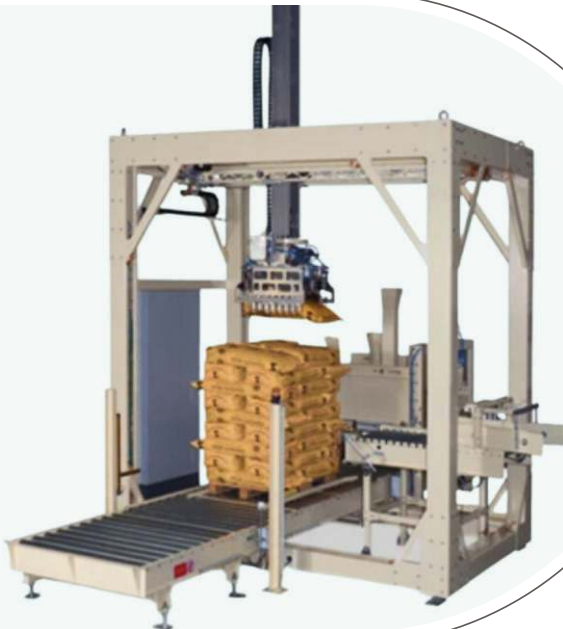
<b>Payload</b>	5Kg – 100Kg (Customizable)
<b>Solutions</b>	Pallet on conveyors & pallet on ground
<b>Layout Type</b>	Customizable
<b>Product Handled</b>	Bags, cases, bottles, shrink packs, paint buckets, drums, totes, etc
<b>Type</b>	1 in/1 out, 2 in/2 out, 3 in/3 out or customize



## Gantry Palletizing

### SPECIFICATIONS

<b>Payload</b>	5Kg – 500Kg
<b>Speed</b>	Customizable
<b>Layout type</b>	Customizable
<b>Product Handled</b>	Bags, cases, bottles, shrink packs, paint buckets, drums, totes, etc
<b>Type</b>	1 in/1 out, 2 in/2 out





# Palletizing Solutions



## High-Level Palletizing

### SPECIFICATIONS

Payload	5Kg – 200kg
Speed	40-50 cases/min, bags – 40 bags/min
Product Handled	Bags, cases, shrink packs, etc.
Layout Type	Customizable (with limitations)
Type	1 in/1 out

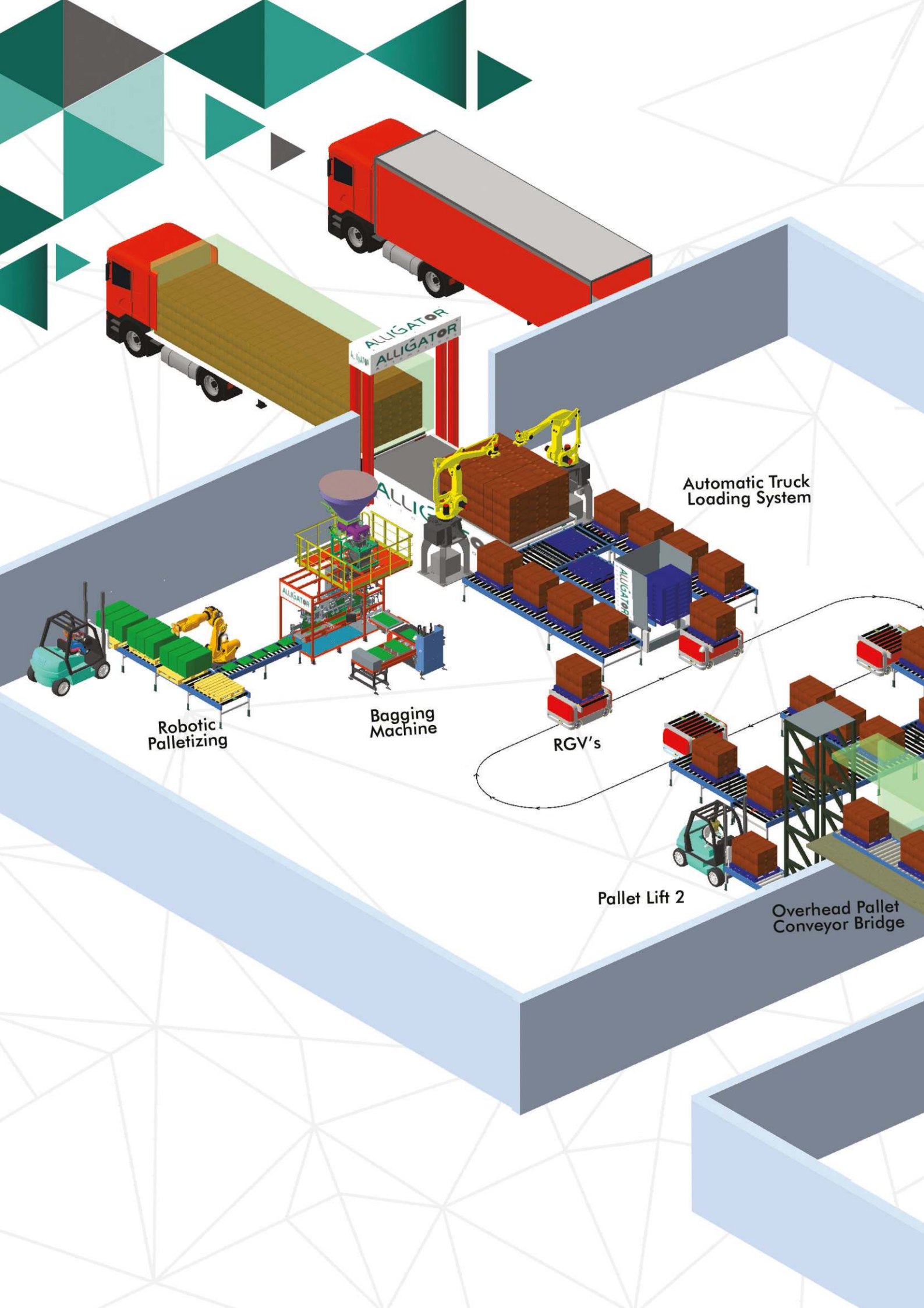


## Low-Level Palletizing

### SPECIFICATIONS

Payload	5Kg – 200kg
Speed	10-20 cases/min, bags – 20 bags/min
Product Handled	Bags, cases, shrink packs, etc
Layout Type	Customizable (with limitations)
Type	1 in/1 out





ALLIGATOR  
ALLIGATOR

Automatic Truck  
Loading System

Robotic  
Palletizing

Bagging  
Machine

RGV's

Pallet Lift 2

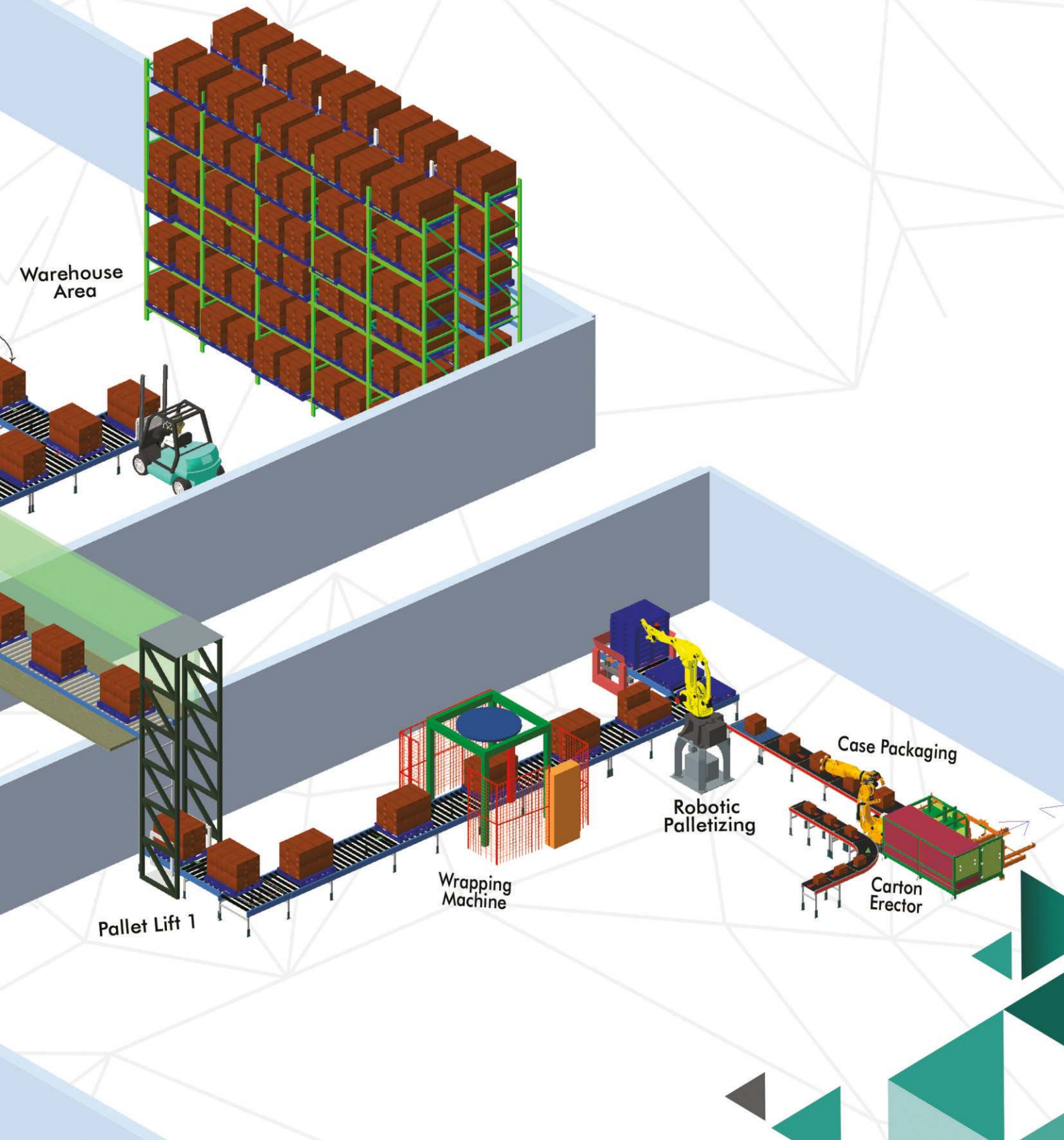
Overhead Pallet  
Conveyor Bridge



# ALLIGATOR<sup>®</sup>

A u t o m a t i o n s

**END OF LINE PACKAGING SOLUTIONS**



# Palletizing Solutions

## Hybrid Palletizing

### SPECIFICATIONS

Payload	5Kg – 200Kg
Speed	10-20 cases/min, bags – 20 bags/min
Solution	Robot + High-level
Product Handled	Bags, cases, shrink packs, etc.
Type	1 in/1 out



### PRODUCTS



BAG PALLET



BOX PALLET



DRUM PALLET



BUCKET PALLET



# Intralogistic Conveyor Solutions



## Tyre Handling Solutions

### SPECIFICATIONS

Conveyor Type	Belt, Roller
Type of Tyres	2 Wheeler, PCR & TBR Tyres
Load Capacity	200 Kg (Customizable)
Speed (m/min)	10-45m/min
Belt Material	Rubber, PVC, Plastic
Sorting System	Yes



## Pallet Handling Solutions

### SPECIFICATIONS

Load Capacity	1000 - 2000 kg
Speed	Up to 25m/min
Pallet Sizes	1200 X 1000mm (Custom sizes can also be handled)
Conveyor Types	Chain Conveyors, Roller Conveyor, Belt Conveyor, Accumulating Roller Chain Conveyors



# Intralogistic Conveyor Solutions

## Product Handling Solutions

### SPECIFICATIONS

Weight Capacity	2 kg to 100 kg (Customizable)
Material	Steel, Aluminum, Conveyor belt
Throughput	Upto 6000 cases/bag/crate per hr
Load Capacity	As per capacity requirements
Product Compatibility	Corrugated cardboard boxes, Woven polypropylene bags, Plastic crates



### PRODUCTS



FBR CONVEYOR



SORTER CONVEYOR



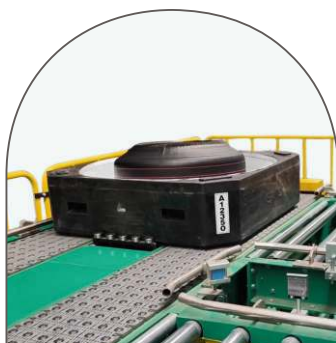
TURN TABLE CONVEYOR



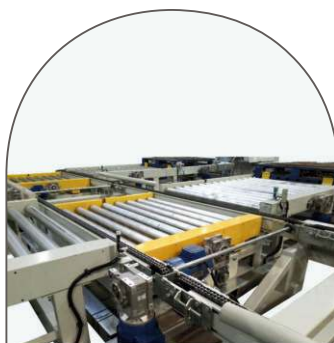
MODULAR BELT CONVEYOR



CROSS TRANSFER CONVEYOR



PALLET DIVERTER



POP UP CONVEYOR



POWER MOLLER CONVEYOR



# Automatic Truck Loading System

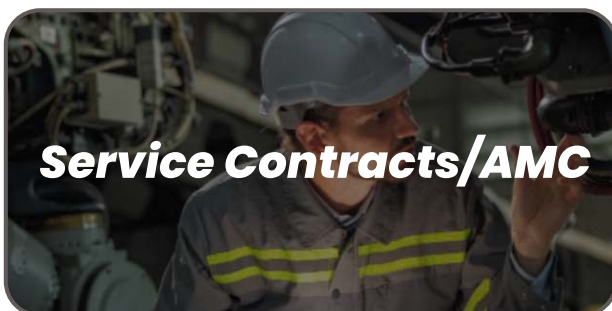


## SPECIFICATIONS

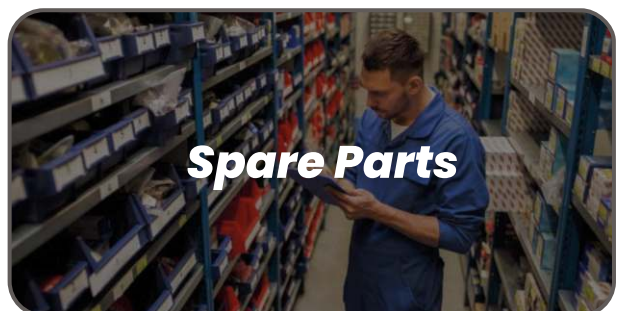
Loading Time	2-3 Trucks per hour
Load platform size in Length	5 – 10 Mtr (customizable)
Load platform size in Width	2–2.5 Mtr (customizable)
Max Load Weight	10 T – 40 T
Operation Type	Semi-automatic Fully automatic
Load Plate Flexibility	Automatic height & slope adjustment inside truck surface



## OUR SERVICES



**Service Contracts/AMC**



**Spare Parts**



**Upgrades**



**Training & Learning**



# OUR INFRASTRUCTURE

Alligator Automations has cutting-edge infrastructural facilities that enable it to manufacture the provided product line to exact specifications as desired by customers.

The manufacturing facility is fully furnished with top-of-the-line modern machinery, a computerized design unit, and a conference room for organizing business meetings and technology-based conferences.

We have a dedicated team of specialists with extensive experience who help us provide high-quality solutions. Our R&D team continues to be connected with the global market. Our equipment is constantly updated with cutting-edge innovations.

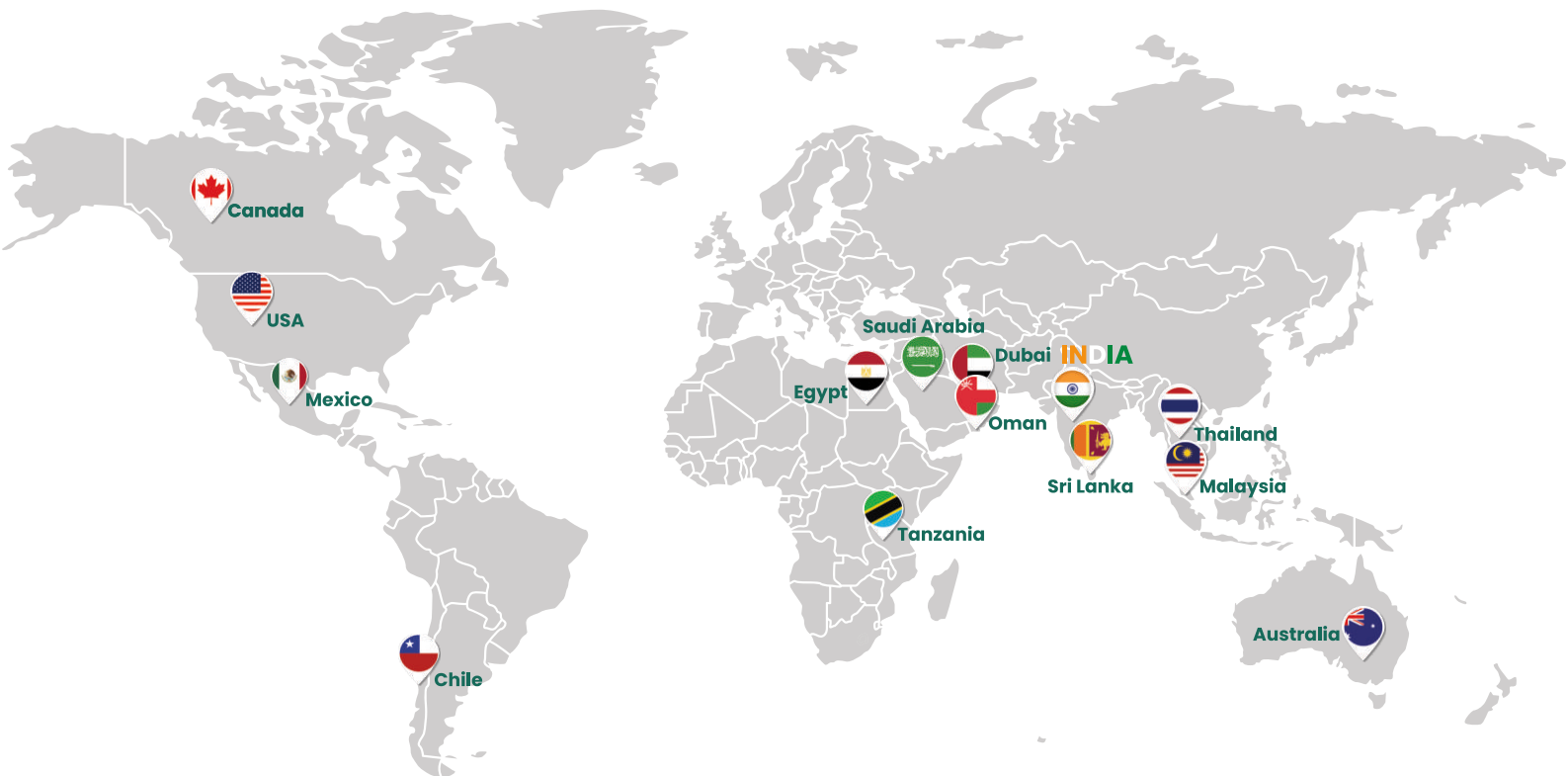
Our professionals are experienced in all fields and are capable of supplying parts, service, installation, and training to Indian and International clients as well as full support for our equipment.

We have a 6 Acres corporate office and manufacturing unit in Chakan, Pune, Maharashtra, India.





# OUR GLOBAL PRESENCE



## OUR GLOBAL SERVICE NETWORK

 HEAD OFFICE, Pune

 Delhi

 Hyderabad

 Chennai

 Kolkata

 USA

 UAE

 Thailand

 Malaysia

## OUR FAMILY



# OUR CUSTOMERS



## For more information

 [www.alligatorautomations.com](http://www.alligatorautomations.com)

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