



# We Build **Bespoke** Smart Machineries



## Our Value Propositions



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**Warehouse & Logistics**



**Automation Infrastructure**



**Defense and Aerospace**



**Weigh & Dispense**



**Special Purpose Machine**

# MATERIAL HANDLING SOLUTIONS

Industries today are focussing on cost effective and reliable solutions to increase the productivity. **ADWIK Material Handling solutions** will increase your productivity by reducing the travelling time of the products.

**ADWIK** Engineered system will lead you to the complete automation solutions in each process of material handling. Our major products are, Belt Conveyors, Modular Belt Conveyors, Modular Merging system, Weighing Conveyors, Powered Roller Conveyors, Low pressure accumulation conveyors, Gravity Roller conveyors, FIFO Storage systems, LIFO Storage systems, Warehouse storage systems, Chain Conveyors, Slat chain Conveyors, Turntables, Diverters, centering units, Sorters, Pushers, Lifters, Stacker and Destackers.

The key targeted solutions are,

 **Autonomous Mobile Robot (AMR)**

 **Automated Guided Vehicles (AGV)**

 **Shuttle Storage System**

 **Robotics Pick & Place System**

 **Vertical Storage System**

 **Truck Loading Conveyor**

 **Flexible Flow Loaders**

 **Auto Storage and Retrieval System**

 **DWS System**

 **Cross Belt Sorter**

 **Tilt Tray Sorter**

 **Swivel Wheel Sorter**

## OUR KEY INDUSTRY VERTICALS ARE



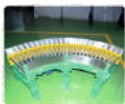
## WAREHOUSE AND LOGISTICS SOLUTIONS

When we look nowadays at the Warehouse, distribution centers and Logistics Lines Conveyor systems are widely used to the Transfer products. ADWIK can able to provide complete solution on these fields in terms of Conveyors, Robotics, Sorting systems, DWS system, Shuttle system, FIFO Storage system, Stackers and Destackers.

Our solution will be capable to handle the products directly or with pallets and Totes with smooth product flow.



 **Weighing Conveyor**



 **Curve Roller conveyor**



 **Pick & Place system**



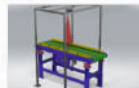
 **Swivel Wheel Sorter**



 **Pallet Storage & FIFO Racking System**



 **Gravity Spiral Conveyor**



 **DWS System**



 **Merging Conveyor**



 **Pallet Transfer Conveyor**



 **Autonomous Mobile Robot (AMR)**



 **Automated Guided Vehicles (AGV)**



 **Sorting Conveyor**

## AUTOMOBILE AND AUTO PARTS SOLUTIONS

Automotive and Auto-component industries are evolving fast globally. It is imperative to meet their business objective of operating efficiently to push their products faster in the market. ADWIK Material Handling system provides solution for transferring all the parts from the different stages of production.

We can provide solutions on the main assembly lines or on the subassembly lines. Our hands can be extended to stamping line, Body shop, Engine assembly line, Final Assembly line, Door Line, Seat assembly line, Tyre Line etc.,

Our solutions also suit to the Auto parts segment which is the extended arm of the automobile industry. Our engineered solution can suit to auto parts segment like Seat line, Auto components manufacturing industries, Engine sub assembly line, Engine sub assembly parts handling line, Glass Transfer line, Battery transfer line, Tyre Transfer line etc.,



⊗ Slat Chain Conveyor



⊗ Chain Conveyor



⊗ Assembly Line Conveyor



⊗ Traverser unit

## TYRE INDUSTRIES SOLUTIONS

In Tyre Industries we have providing the complete turnkey solution on the following areas.

⊗ Compound Handling Solutions

⊗ Green Tyre Handling Solutions

⊗ Finished Tyre Handling Solutions

⊗ Up Stream Solutions



⊗ FT Transfer Conveyor System



⊗ Pick up & Drop EMS system



⊗ Modular Belt Conveyor System



⊗ GT Transfer Conveyor System



⊗ Transfer Conveyor System



⊗ Lifter

## FMCG AND E-COMMERCE SOLUTIONS

ADWIK solution will not stop after Delivery or Installation Commissioning. Our value-added services will be implemented in terms of after sales and service.

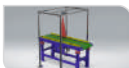
Our support will be extended as after sales and service in the form of Technical Documentation and Manuals, Training on the product to the customers, Maintenance standby upon request from customer, on call service, periodic maintenance service on the warranty period, preventive maintenance call, after warranty inspection call, Emergency Breakdown service upon request, Annual maintenance contract.



Carton Box Transfer System



Inbound / Outbound Transfer Conveyor



DWS System



Sort and Transfer



Truck Loading Conveyor



Spiral Conveyor System

## PHARMA, FOOD AND BEVERAGES SOLUTIONS

The fast-changing demands of consumers today regarding quality, food safety, taste and nutritional value the food industries to work smart. It is imperative for the food processing industries to produce more efficiently. Maintaining global food safety norms with faster time to market requires the industry to have flexible and agile manufacturing process in their plants. To be competitive in the market and to be an industry leader, the food processors need to be more efficient.

Our solutions increase yield through deployment of cost-effective solutions for better idealization,



Pizza Making Conveyor



Carton box Stacking & Restacking System



Process Automation



Smart Cart Batching System for Minor Ingredient



Food Box Cutting Conveyor



Modular Belt Conveyor



Transfer Conveyor



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