

**MAGNATECH**  
ELECTROMECHANICAL

SPECIALIST IN MATERIAL HANDLING SYSTEMS & SOLUTIONS



**SOLIDS**

**LIQUIDS**



**GASES**



# ABOUT US

**Magnatech Electromechanical LLC** is part of **Magnatech group of companies**, well established in the UAE since the past 18 years, offering world class material handling equipment to manufacturing, processing and packaging industries in the GCC/MENA.

*We provide material handling systems and solutions as below*

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## Material Handling Systems for **SOLID PRODUCTS** :

*We supply conveyors & handling systems for below range of products :*

- ❖ Freshly Fried Egg Omelets
- ❖ Mineral Water Bottles
- ❖ Laban Up & Ice Cream
- ❖ Juice Bottles & Cans
- ❖ Fresh Milk Bottles
- ❖ Soft Drink Cans
- ❖ Chocolates & Dates
- ❖ Biscuits & Wafers
- ❖ Burgers & Nuggets
- ❖ Bulk Tea Powder
- ❖ Sushi Conveyor
- ❖ Starbucks Syrup
- ❖ Fresh Salads
- ❖ Cheese Balls
- ❖ Edible Oil Filling
- ❖ Coffee Powder
- ❖ Milk Powder Tins
- ❖ Salt & Sugar
- ❖ Rice Bags & Sacks
- ❖ Frozen Vegetables
- ❖ Noodles & Soup Packs
- ❖ Animal Feed – Canola / Soya
- ❖ Mining Explosive Cartridges
- ❖ Airport Baggage Handling
- ❖ Paint Cans & Cartons
- ❖ SS Pipes for Polishing
- ❖ Batteries & Spare Parts
- ❖ TV & Electronics Cartons
- ❖ Metal Cans Manufacturing
- ❖ Grease Buckets
- ❖ Hot Metal Chips
- ❖ Ready-made Clothes
- ❖ Soap Powder & Cakes

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## Material Handling Systems for **LIQUID PRODUCTS** :

*We supply tanks & pipelines for below range of products :*

Design, Supply & Installation of Pipelines including pumps, valves, fittings, control panels and instrumentation for Milk, Juice, Mineral Water, Chocolate, Ice Cream, Yogurt, Ketchup, Edible Oil and Soft Drinks, Medicinal Syrups, Sugar Syrup, Caramel, Chilled Water, Hot Water, Steam, CIP Lines, Raw and Filtered Water, Utility Water, Hair Cream, Toothpaste, Hair Oil, Shampoo, Liquid Soap and Detergents,

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## Material Handling Systems for **GASEOUS PRODUCTS** :

*We supply tanks & pipelines for below range of products :*

Design, Supply & Installation of Pipelines including pumps, valves, fittings, control panels and instrumentation for Compressed Air, Nitrogen Gas, Oxygen, CO<sub>2</sub>, Natural-Gas, Ammonia etc.

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## **WE CATER TO THE BELOW INDUSTRIAL SECTORS :**

- Food & Beverage
- Pharmaceutical
- Biochem
- Cosmetics
- Plastics & Packaging
- Logistics
- Chemical Processing
- Paints & Pigments
- Airports BHS/GHE
- Oil and Gas
- Cement & Ores
- HORECA

# OUR VALUED PREMIUM CUSTOMERS



# MATERIAL HANDLING SYSTEMS FOR SOLIDS

## CONVEYOR PROJECTS - FOOD INDUSTRY

Egg Omelette  
Transferring Conveyor



Bulk Tea Powder  
Handling Conveyor



Wide Body Gravity  
Roller Conveyor



Meals Inspection  
Conveyor



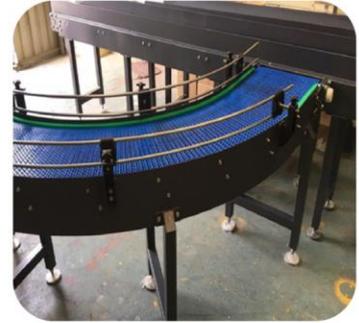
SS Wiremesh Belt  
Conveyor for Nuggets



Conveyor for Mineral  
Water Bottles



Modular Belt  
Curve Conveyor



Conveyors for  
Snack Food



Wire Mesh Belt  
Conveyor



Vertical Belt Conveyor



Modular SUSHI  
Conveyor



Conveyors for  
French Fries



Edible Oil Filling Line



Spiral Conveyors



# MATERIAL HANDLING SYSTEMS FOR SOLIDS

## CONVEYOR PROJECTS - NON FOOD INDUSTRY

Conveyor for Mining Explosives



Airports Baggage Handling System



Hot Metal Scrap Transfer Conveyor



Inclined Cleated Conveyor



Conveyor for Automated SS Pipe Polishing



Conveyor for Paint Cans Filling Line



40m Long Belt Conveyor with Single Motor Drive



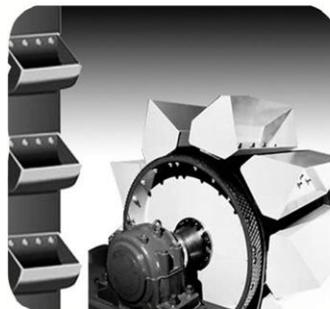
Automated Conveyor for Assembly Line



Bulk Material Handling Conveyors



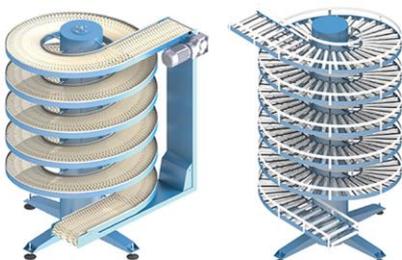
Bucket Elevators



Conveyor System for Ecommerce



Spiral Conveyors



Pallet Transfer Stations



Screw Conveyors



# MATERIAL HANDLING SYSTEMS FOR LIQUIDS

## PIPELINE PROJECTS

Design, Supply & Installation of Pipelines for Milk, Juice, Mineral Water, Chocolate, Ice Cream, Yogurt, Ketchup, Edible Oil and Soft Drinks



Pipelines for Chilled Water, Hot Water, Steam, Utility Water, CIP Lines, Raw and Filtered Water



## FILTRATION SYSTEMS

Filter Assembly



Ultra Filtration System with Water Samples



Pilot Plants



Duplex Filters



Skid Mounted Filtration Unit



Triplex Filters



# MATERIAL HANDLING SYSTEMS FOR GASES

We provide solutions for handling gases such as Nitrogen, Oxygen, CO<sub>2</sub>, Steam, Compressed Air etc including supply & installation of tanks and pipelines



Skid Mounted Gas Stations



Insulated Steam Pipelines



Steam Pipelines for Process



Compressed Air Pipelines

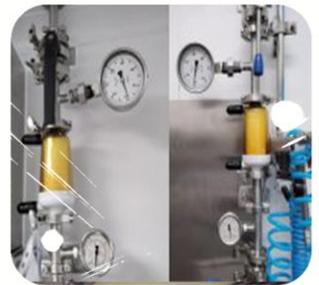


Gas Generators for Medical Use



Gas Tanks

High Purity Airline for Pharma Company



Nitrogen Plant

Portable Nitrogen Generator

PSA - Oxygen Concentrator



# FABRICATION OF HYGENIC PLATFORMS

## FABRICATION PROJECTS & SPECIAL PURPOSE STRUCTURES

SS304 Process Platform  
30m Long & 6m Wide



Hanging Platform  
for Filling



SS304 Hygienic  
Platform for Packaging



SS304 Hygienic  
Platform for 50Ton Silos



Dosing Platforms



Operators Platforms



Bag Tipping Stations



Tank Platforms



Packaging Platforms



Hopper Platforms



Mobile Platforms



Process Platforms



Operators Platforms



Adjustable Platforms

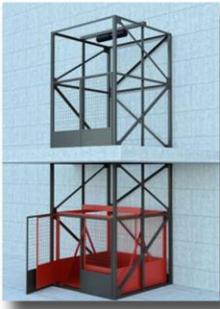


# GOODS LIFT & MATERIAL LIFTING SOLUTIONS

Goods Lifts for Outdoors



Hydraulic Material Lifts



Outdoor Material Lifts



Hydraulic JIB Crane



Stainless Steel Scissor Lift



Outdoor Scissor Lift



Hygienic Scissor Lift



Heavyduty Lifting Stations



Hydraulic Goods Lift



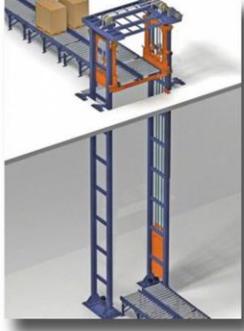
Mobile Gantry Lifting Systems



Pallet Lifting Roller Platforms



Mobile Gantries in SS or Aluminium



Goods Lift for Mezzanine Floors



Lifting Platforms - Winch Type



## SPECIAL PURPOSE MACHINES

SS316 Bin Lifter for Meat



Hygeinic Chute for Frozen Fries



Bowl Lifter for Dough



Hoist Beams with Hygienic Design



Inline Dilution System for Aircraft Cleaning



Pneumatic Lid Pressing Machine for Grease Buckets



Stainless Steel Jib Crane with 45° Swivel



Conveyor for Bread



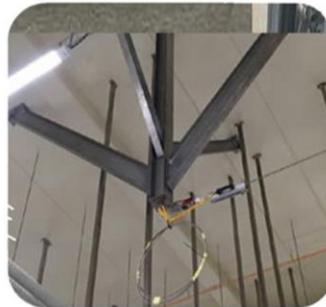
Hydraulic Forklift Attachment



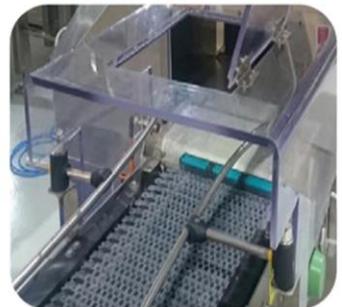
Vibration Dampening System



Lifeline Systems for Safety



Polycarbonate Safety Covers



Turnkey Projects



Vibrating Crossfeeders



SS Turn Table



Automation Conveyor



# Special Purpose Machines & Turnkey Projects

Automated Conveyor Lines



Belt Elevators



Beverage Plant



Cross Transfer Conveyor



Dispatch Conveyors



Filling Lines



Filling Machines



Waste Recycling Plants



Fruit Washing Systems



Hygienic Welding



Integrated Conveying System



Order Fulfillment Line



Ribbon Blenders



Roller Belt Conveyors



Special Purpose Conveyors



SS Bucket Elevators





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