

### **Success Partners**





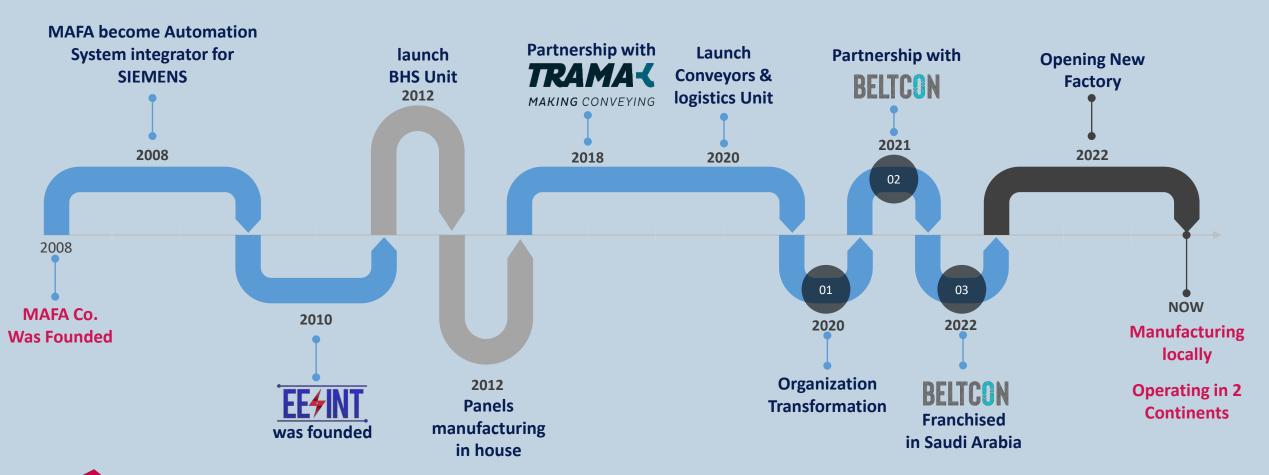






### **About Us:**

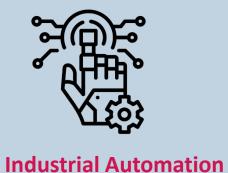




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**Division** 







### Why MAFA:





3 Factories in2 Continents



Local presence in the region for 24/7 Technical support



Presence in Europe allow us to urgently get spare parts for an emergency breakdown in shorter time.



Professionally technical crew trained from Europe



**Expert in Baggage Handling System (BHS)** 



Under one roof solution



**Expertise in SIEMENS FA products** 



Stock in Hand Spare parts Inventory

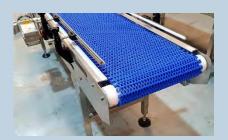
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# **Conveyor Solutions**

### MAFA offers a wide range of application specific conveyors

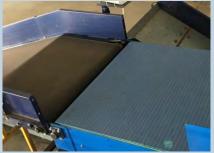
- Free roller conveyor, curve, straight & flexible
- Modular Plastic belt conveyor for easy washing and fully hygienic.
- Belt conveyors PVC/PU. Straight, curve, inclined, declined & Z-Type
- Slat band conveyor (Plastic / SS Chain)
- SS Mesh Wire Belt Conveyor for Poultry and Meat (Washable)
- Heavy duty motorized roller conveyors for pallet handling
- Special application conveyors for freezer application, cooling tunnel, loading / unloading movable conveyor & overhead conveyor

#### Modular Belt Conveyor



Hygienic flush grid plastic conveyors best suitable for poultry & meat processing industries. Can be used for dewatering as well

#### Belt Conveyor



Most common type of conveyor generally for transportation, indexing and sorting for mostly all products

#### Roller Conveyor



Transport boxes, bins from rotary tables or weighing stations. These conveyors typically used in secondary packaging needs.

#### Baggage Handling Conveyor



Luggage

Handling Conveyor for Airports

#### Plastic Chain Conveyor



Plastic or Stainless Steel chain conveyor handles dry and wet products, mostly common in bottling lines

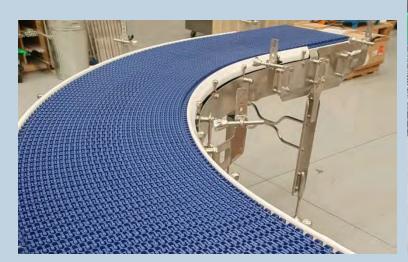
#### SS Mesh Wire Conveyor



Mesh Wire mostly used in meat and poultry industries, can be use for dewatering application. One of the most hygienic & easy to clean conveyors

# **SS Hygienic Conveyors for Food Industry**











- ✓ Design as per poultry/meat standards
- Open side members for direct washing
- ✓ Design to transport tray, product & carton
- ✓ Modular belt technology for low maintenance
- ✓ Easy movable & portable
- ✓ Height adjustment as per requirement
- ✓ Easy to install and low maintenance
- ✓ Complete system expertise & consulting
- ✓ Working table conveyor for cutting & deboning
- ✓ Synchronization with existing line
- ✓ IP65 rating



# MAFA Stainless Steel Conveyors with Premium Food-Grade PU/PVC Belts.

Welcome to the world of precision-engineered stainless steel conveyors, where we combine the durability of stainless steel with the hygiene of food-grade PU/PVC belts to elevate your food processing operations.

#### **Product Features:**

**N** Robust Stainless Steel Construction: Our conveyors are crafted from high-quality stainless steel, ensuring longevity, strength, and

corrosion resistance.

- » Food-Grade Belts: Our conveyor systems are equipped with FDA-approved PU/PVC belts, safeguarding your products' purity and safety.
- ) Effortless Maintenance: With our design, cleaning and maintenance are simplified, reducing downtime and maximizing productivity.
- » Tailored Solutions: We offer customizable conveyor systems to meet your specific needs. including various sizes and configurations.

#### **Applications:**

- » Bakery & Confectionery: Ideal for handling baked goods, chocolates, and confectioneries, maintaining product quality.
- ) Meat & Poultry Processing: Our systems excel in meat and poultry facilities, guaranteeing a clean and efficient production environment.
- » Fruit & Vegetable Handling: Gentle handling for delicate fruits and vegetables, preventing damage and contamination.
- " Dairy & Dairy Products: Meet the highest food safety standards in dairy processing with our conveyors.

#### **Benefits:**

- ) Superior Hygiene: Our stainless steel conveyors, coupled with food-grade belts, minimize the risk of contamination and meet stringent food safety regulations.
- » Enhanced Efficiency: Streamline your production process, reduce labor and maintenance costs, and increase overall productivity.
- » Minimal Downtime: With our robust design, maintenance is infrequent, keeping your production line operational.



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- Design as per poultry/meat standards
- **Open side members for direct washing**
- Design to transport tray, product & carton
- Modular belt technology for low maintenance
- Easy movable & portable
- Height adjustment as per requirement
- Easy to install and low maintenance
- **Complete system expertise & consulting**
- Working table conveyor for cutting & deboning
- **Synchronization with existing line**
- **IP65** rating



### **Stainless Steel Mesh Wire Conveyor:**

A Bakery and Meat Industry Essential.

Discover our custom designed stainless steel mesh wire conveyors, purpose-built to excel in the bakery and meat processing industries.

#### **Our Craftsmanship**

- "" Quality Stainless Steel: We use top-grade stainless steel to ensure durability, reliability and cleanliness, meeting the rigorous demands of these industries.
- » Tailored to Your Needs: Each conveyors we manufacture is customized to match the unique requirements of bakery and meat processing operations.
- » Mesh Wire Expertise: Specialization in mesh wire conveyors guarantees optimal performance in these specific

applications.

» Easy Cleaning: Open mesh and hygienic design ensures quick and thorough cleaning with wash-down conditions, reducing downtime and maintenance costs.

#### Bakery Applications:

- Dough Handling: Handling dough with care, ensuring a smooth and hygienic process in bakeries.
- » Baking & Cooling: Ideal for transporting baked goods and facilitating cooling processes.
- » Food Safety: Maintain the highest food safety standards throughout the baking process.

#### Meat Industry Applications:

- **))** Meat Processing: Designed for efficient and hygienic meat handling, from processing to packaging.
- » Quality Control: Ensure consistent product quality and safety with our conveyors.
- » Sanitation: Easy-to-clean mesh wire design meets strict industry hygiene standards.

#### More Information?

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- ✓ Design as per poultry/meat standards
- Open side members for direct washing
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- ✓ Modular belt technology for low maintenance
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- ✓ Height adjustment as per requirement
- Easy to install and low maintenance
- ✓ Complete system expertise & consulting
- ✓ Working table conveyor for cutting & deboning
- ✓ Synchronization with existing line
- ✓ IP65 rating



### **Innovative Modular Conveyors:**

Where Plastic Food-Grade Belts Meet Stainless Steel Strength.

Welcome to the world of innovation where we combine the hygiene of food-grade plastic belts with the durability of stainless steel to elevate your material handling processes.

#### **Product Features:**

- ">" Hygienic Plastic Belts: Featuring food-grade plastic belts that are easy to clean and maintain, ensuring product safety and compliance.
- » Stainless Steel Structure: Robust stainless steel framework provides exceptional strength and corrosion resistance.
- » Modular Design: Designed with modularity in mind, allowing for easy customization and expansion.

#### Applications:

- **»** Food Processing: Perfect for handling a variety of food products, such as baked goods, beverage, meat and poultry.
- » Packaging & Distribution: Efficiently transport and sort products in packaging and distribution facilities.
- » Beverage Industry: Ensure the smooth movement of bottles and containers in the beverage production process.
- » Pharmaceuticals & Hygiene: Meet the stringent cleanliness requirements of pharmaceutical & hygiene product manufacturing.

#### **Benefits:**

- "> Food Safety Assurance:
  The food-grade plastic belts
  maintain product hygiene,
- maintain product hygiene, while the stainless steel structure ensures durability.
- » Customizable Efficiency: Modular design allows for easy customization, adapting to your unique needs.
- » Longevity and Durability: Built to withstand the test of time, reducing downtime and maintenance costs.



### **Key Features**

- ✓ Design as per poultry/meat standards
- ✓ Open side members for direct washing
- ✓ Design to transport tray, product & carton
- ✓ Modular belt technology for low maintenance
- ✓ Easy movable & portable
- ✓ Height adjustment as per requirement
- √ Easy to install and low maintenance
- ✓ Complete system expertise & consulting
- ✓ Working table conveyor for cutting & deboning
- ✓ Synchronization with existing line
- ✓ IP65 rating



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Effortless Material Flow:

### Roller Conveyors at Your Service.

Welcome to a world of streamlined material handling, where roller conveyors provide efficiency, adaptability, and cost-effectiveness.

#### **Product Features:**

- » Powered Rollers: Harness the power to move materials, reduce energy consumption and operational costs.
- "N Versatile Design: Roller conveyors are highly versatile, perfect for a wide range of industries and applications.
- » Customization: Tailor our conveyors to your specific requirements with various sizes and configurations available.

#### **Applications:**

- "Warehouse & Distribution: Ideal for moving products within warehouses and distribution centers, reducing manual labor at low-cost base.
- » Assembly Lines: Enhance assembly line efficiency.
- » Order Picking: Improve order fulfillment with organized material handling using roller conveyors.

#### **Benefits:**

- "" Cost-Effective Efficiency:
  Reduce operating costs, making
  them a cost-effective solution
  for material transport.
- » Space Optimization: Space efficient and easily integratable into existing systems.
- » Reduced Maintenance: With fewer moving parts, maintenance requirements are minimal, leading to

increased uptime.



### **Key Features**

- ✓ Design as per poultry/meat standards
- ✓ Open side members for direct washing
- ✓ Design to transport tray, product & carton
- ✓ Modular belt technology for low maintenance
- ✓ Easy movable & portable
- ✓ Height adjustment as per requirement
- Easy to install and low maintenance
- ✓ Complete system expertise & consulting
- ✓ Working table conveyor for cutting & deboning
- ✓ Synchronization with existing line
- ✓ IP65 rating

#### More information?

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# **Belt/Rollers Conveyors for Logistics / Transportation** of Cartons & Bags









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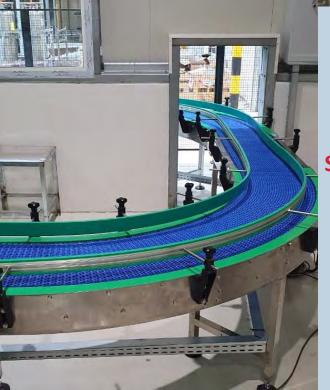
- **Design as per Logistics/CEP standard**
- Open design for easy maintenance
- Design to transport tray, product & carton
- Modular belt technology for low maintenance
- Easy movable & portable
- Height adjustment as per requirement
- Easy to install and low maintenance
- **Complete system expertise & consulting**
- Manual sorting conveyors as per requirement
- Synchronization with existing line
- **IP55** rating

# Modular Plastic Belt Conveyor (washable)



Mesh Wire
Hygienic
Conveyor for
Meat Processing





Supply & Installation of Hygienic conveyors, curve conveyors & control system.



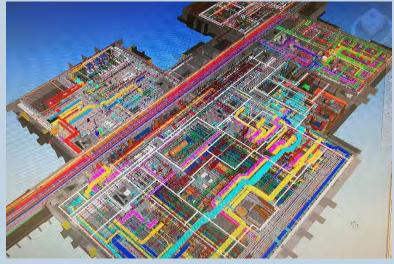
Powered Roller Conveyor

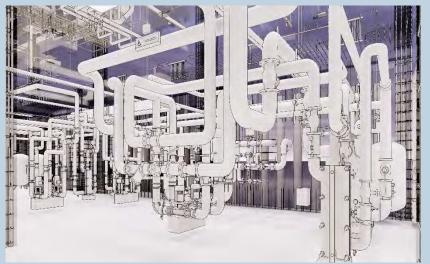
## **MEP Projects**



MAFA Co. LTD with the availability of highly qualified & experienced Engineering team from Electrical, Mechanical and Civil Division, MAFA offers Complete Turnkey Solutions for Industrial Expansion and Green-Field Projects.









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# **MEP Projects**













### **Industrial Automation Division**



MAFA Co. Ltd. is a leading Authorized System Integrator and partners of SIEMENS (PLC, Drives, HMI's and SCADA). We offer wide rang of automation services:

- ✓ Migration from SIEMENS S5 to S7
- ✓ Consultation
- ✓ Consolidate Data from multiple fields sources
- ✓ Revamp & Upgradation
- ✓ PLC Programming
- ✓ HMI Designing
- ✓ SCADA Systems
- ✓ Automation Systems
- ✓ PLC & Control Panels
- ✓ VFD
- ✓ Industrial instrumentations





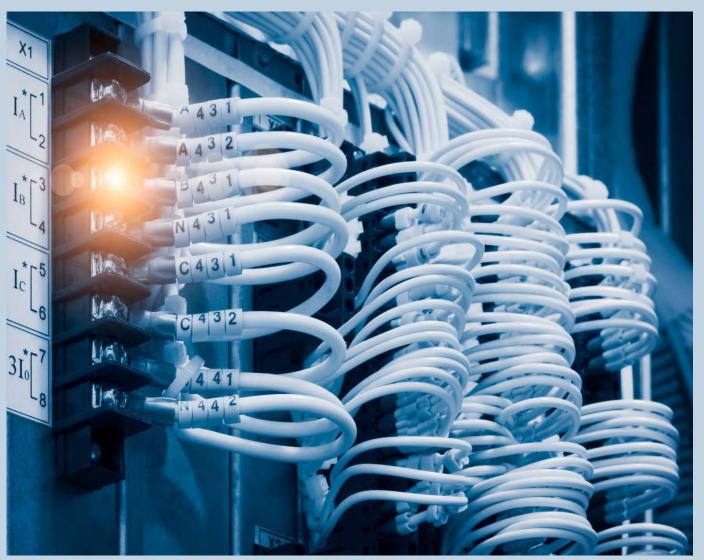
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- ✓ PLC & Control Panels
- ✓ VFD
- **✓** Industrial instrumentations



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### **Electrical Solutions**

# MAFA offers a wide range of Low & Medium Voltage Solutions:

- ✓ Electrical Switchgear Panels
- ✓ MCC's Panels
- **✓** Power Distribution Panels
- ✓ ATS Panels
- ✓ Power Factor panels
- ✓ Cable Trays & Ladders
- ✓ Cable Laying and Terminations
- ✓ Electrical Thermal Testing





**Electrical Division** 



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# Airport Conveying Technology



### We Offer:

Belt Conveyor | Free Roller | Motorized Roller | Curve Conveyor | Diamond Belt Conveyor | Manufactured locally in MAFA Factory, Jeddah Saudi Arabia

### **Applications:**

Baggage Transport | Baggage Sortation | Baggage Loading/Unloading



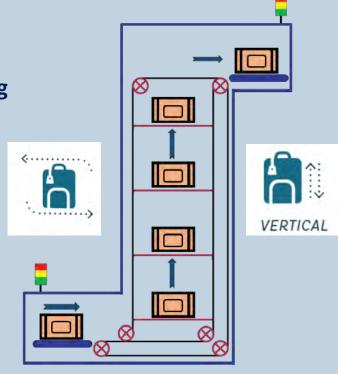
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### **Continuous Vertical Conveyor CVC**

### **Key Features:**

- Elevating & Vertical Conveying.
- Maximum accessibility without compromising floor space
- Replacement for inclined & declined conveyors.
- Smooth, Low noise & Grease free operation.
- Unique rubber block chain.
- Height up to 50m.
- Light weight support structure in modules.







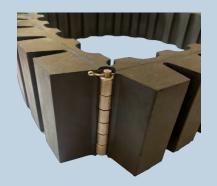


### **RUBBER-BLOCKCHAIN**



### **Key Features:**

- Used in Continuous Vertical Conveyor.
- Made of modified natural rubber.
- Operates grease free.
- Low noise operation.
- Very strong, with steel cables inside and a reliable binding between rubber and steel cables.
- Come with a lock for easy installation, or endless vulcanized.





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### **Models:**

- TRBC50 (Pitch 33mm, Width 50 mm, Height 36 mm)
- TRBC70 (Pitch 43mm, Width 70 mm, Height 45 mm)











### **Drive solutions for the industry**

Whether at the process industry, high-speed

transport or baggage reclaim - NORD

**DRIVESYSTEMS** offers optimum solutions for

every application.

NORD DRIVESYSTEMS is your ideal partner for

implementing your objectives.

#### MAFA are Authorized Distributor for NORD in Saudi Arabia

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Drivesystems for Automated Baggage Handling and Cargo Transfer







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MAFA is official partner of NORD GmbH De-Centralized variable frequency drives

Precise use of speed; efficient use of power and wise use of torque all under one name "NORD Drives".

Innovative corrosion protection from NORD: more durable than paint, more affordable than stainless steel.

Unicase robust gear units capable to bear high power transmission with long life.

At MAFA-Co Our MCC design allows sustainability and high reliability. Modular design of MCC saves energy and heat sinks. DOL, Softstartes, VFD's installation at type tested switchboards allows more flexibility in individual Compartments.



for process conveyors.















### Convey your digital message to us:







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