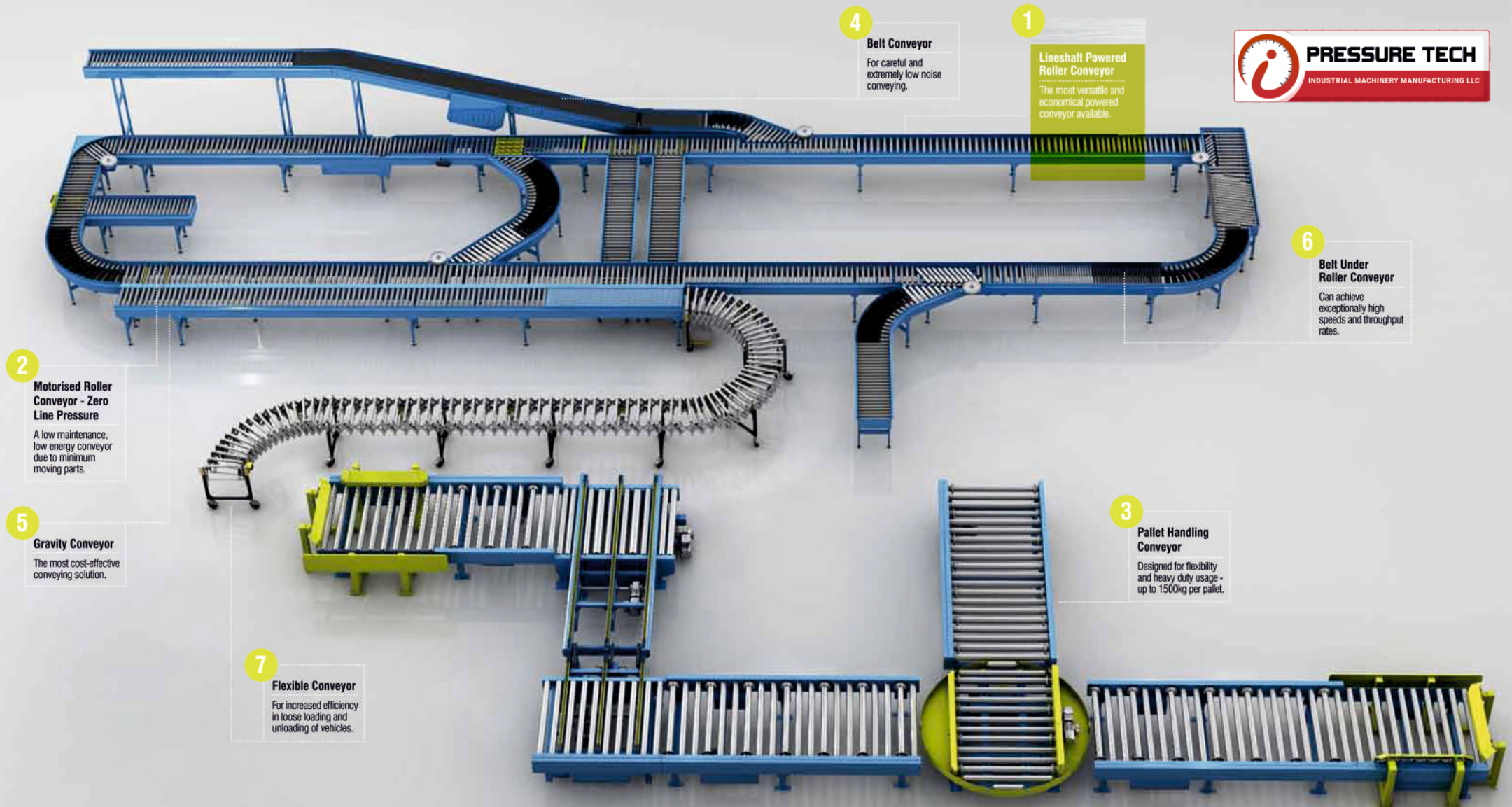




**PRESSURE TECH**  
INDUSTRIAL MACHINERY MANUFACTURING LLC

**INDUSTRIAL MACHINERY MANUFACTURING**

— ◆ CONVEYORS ◆ HYDRAULICS ◆ FABRICATION ◆ AUTOMATION —



**4**  
**Belt Conveyor**  
For careful and extremely low noise conveying.

**1**  
**Lineshaft Powered Roller Conveyor**  
The most versatile and economical powered conveyor available.

**6**  
**Belt Under Roller Conveyor**  
Can achieve exceptionally high speeds and throughput rates.

**2**  
**Motorised Roller Conveyor - Zero Line Pressure**  
A low maintenance, low energy conveyor due to minimum moving parts.

**5**  
**Gravity Conveyor**  
The most cost-effective conveying solution.

**3**  
**Pallet Handling Conveyor**  
Designed for flexibility and heavy duty usage - up to 1500kg per pallet.

**7**  
**Flexible Conveyor**  
For increased efficiency in loose loading and unloading of vehicles.

Pressure Tech Industries, One of the leading Manufacturers and Suppliers of Material Handling Systems in UAE & Middle East.

We provide innovative solutions for heavy material handling & bulk material handling systems. We are known for the supply of Automated Lines and Automated Material Movement systems in the industry which are compatible with Industry standards. Also, We provide innovative solutions for automation of the Packing & Filling Process including Oil Filling Systems, Beverage Filling Systems, Bottle Capping machines, Labeling Machine, Wrapping machines & Strapping machines.

## Flat Belt Conveyor



Conveyor Frame	SS304/Carbon Steel
Belt Material	PVC, PU
Belt Width	100mm-2500mm
Belt Speed	0-50 Mtr/Min
Rated Payload	Max 90 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Logistics Industry ◆ Warehouse
- ◆ All Production, Processing & Packaging Industries

## Inclined Belt Conveyor



Conveyor Frame	SS304/Carbon Steel
Belt Material	PVC, PU
Belt Width	100mm-2500mm
Belt Speed	0-50 Mtr/Min
Rated Payload	Max 90 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Logistics Industry ◆ Warehouse
- ◆ All Production, Processing & Packaging Industries

## Double Decker Conveyor



Conveyor Frame	SS304/Carbon Steel
Belt Material	PVC, PU
Belt Width	100mm-2500mm
Belt Speed	0-50 Mtr/Min
Rated Payload	Max 90 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Logistics Industry ◆ Warehouse
- ◆ All Production, Processing & Packaging Industries

## Portable Undercarriage Inclined Conveyor



Conveyor Frame	SS304/Carbon Steel
Belt Material	PVC, PU, Rubber
Belt Width	100mm-1000mm
Belt Speed	0-50 Mtr/Min
Rated Payload	Max 90 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Cement Industry
- ◆ Civil Construction Industry.

## Trough Conveyor



Conveyor Frame	SS304/Carbon Steel
Belt Material	PVC, PU, Rubber
Belt Width	100mm-1000mm
Belt Speed	0-50 Mtr/Min
Rated Payload	Max 90 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Cement Industry
- ◆ Civil Construction Industry.

## Wire Rope Conveyor



Conveyor Frame	SS304/Carbon Steel
Belt Material	Steel Cord, Nylon, Rubber
Belt Width	100mm-2500mm
Belt Speed	0-50 Mtr/Min
Rated Payload	Max 90 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Logistics
- ◆ All Production, Processing & Packaging Industry

## Modular Belt Conveyor



Conveyor Frame	SS304/Carbon Steel
Belt Material	POM, PP Food Grade
Belt Width	85mm-3500mm
Belt Speed	0-30 Mtr/Min
Rated Payload	Max 50 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Pharmaceuticals ◆ Battery
- ◆ Tyre Industry & Packaging Industry etc.

## Curve Conveyor

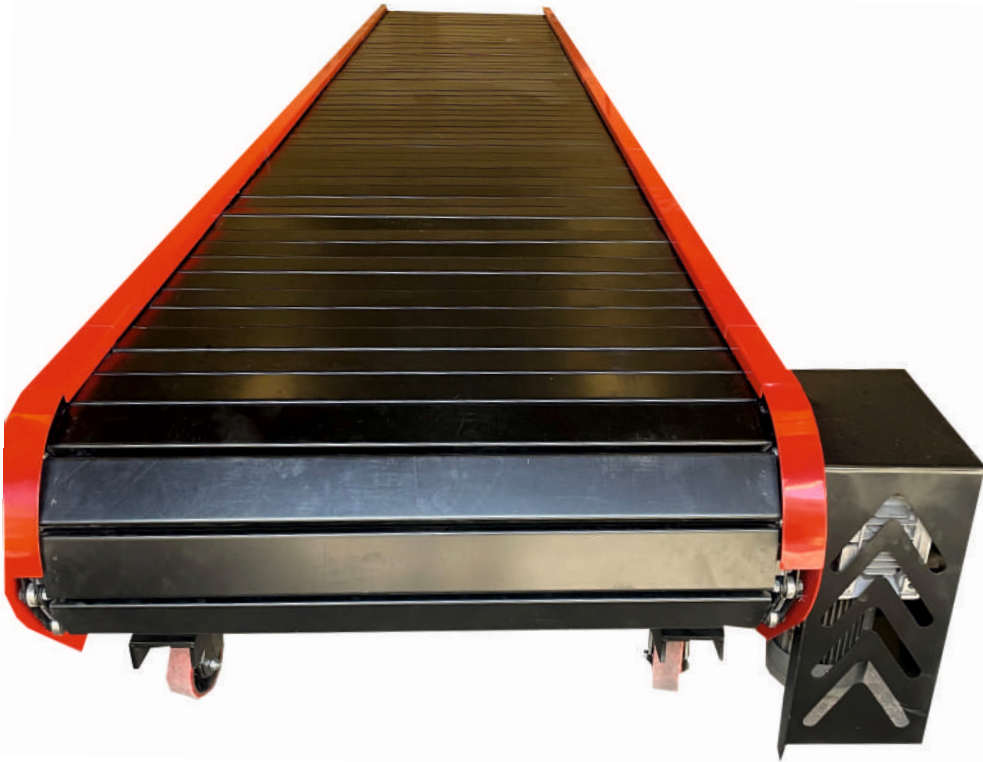


Conveyor Frame	SS304/Carbon Steel
Belt Material	POM, PP Food Grade
Belt Width	85mm-3500mm
Belt Speed	0-30 Mtr/Min
Rated Payload	Max 50 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Pharmaceuticals ◆ Battery
- ◆ Tyre Industry & Packaging Industry etc.

## Slat Conveyor

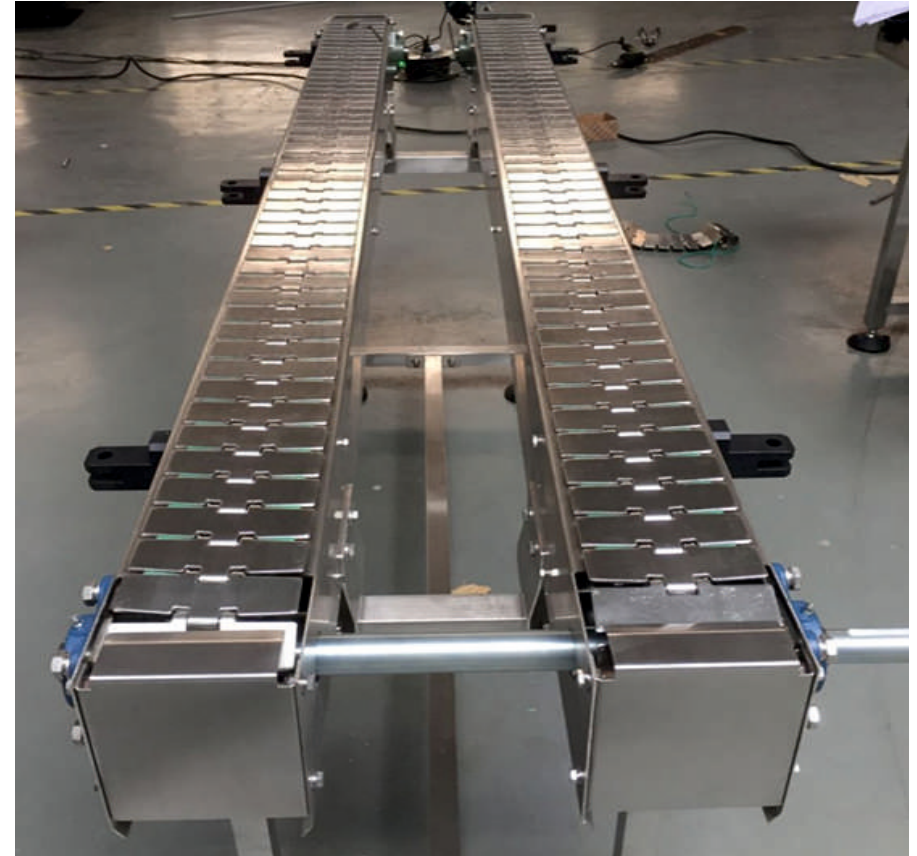


Conveyor Frame	SS304/Carbon Steel
Slat Material	SS304/Carbon Steel
Slat Width	150mm-900mm
System Speed	0-30 Mtr/Min
Rated Payload	Max 300 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & beverage industry
- ◆ Logistics industry ◆ Tyre Industry,
- ◆ All Production, Processing & Packaging Industries

## Slat Chain Conveyor

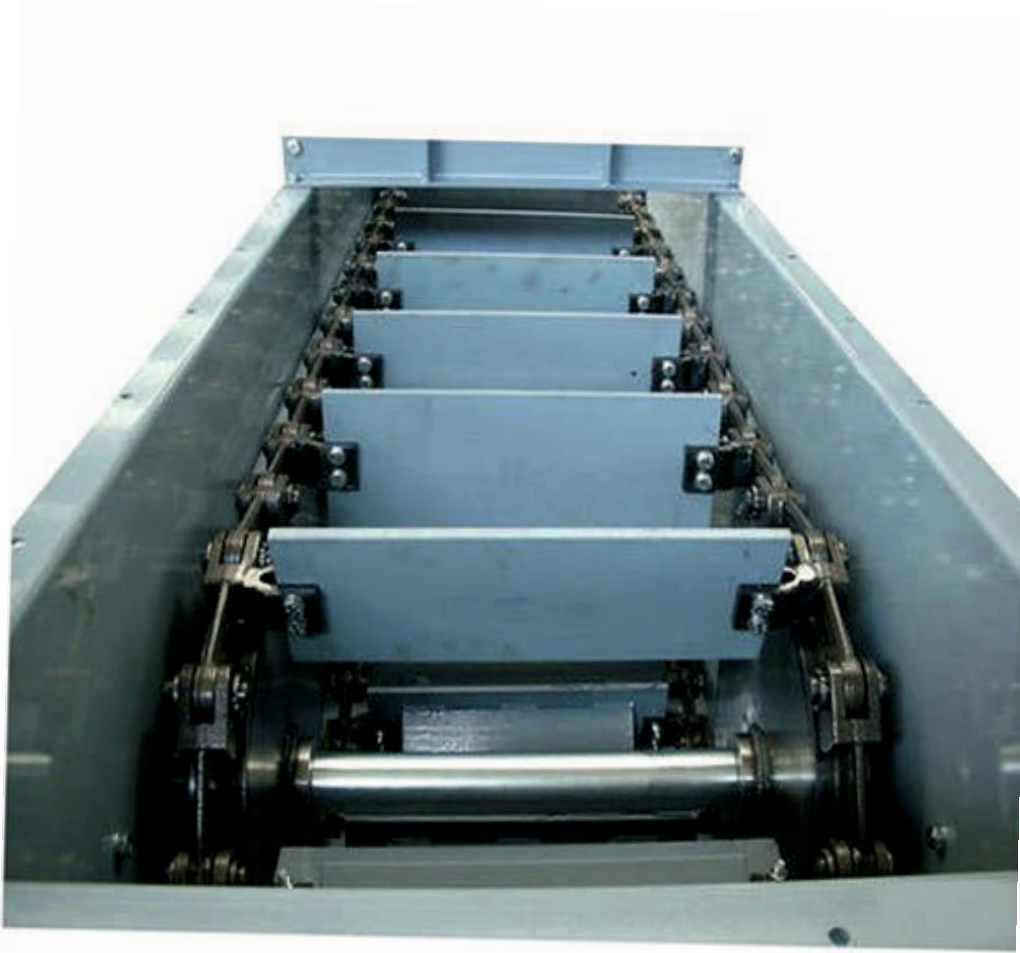


Conveyor Frame	SS304/Carbon Steel
Slat Chain Material	SS304/Carbon Steel/POM
Slat Width	82.6mm-190.5mm
System Speed	0-30 Mtr/Min
Rated Payload	Max 50 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Chemical Industry
- ◆ All Production, Processing & Packaging Industries

## Drag Chain Conveyor



Conveyor Frame	SS304/Carbon Steel,
Slat Material	SS304/Carbon Steel/POM
Slat Width	100mm-500mm
System Speed	0-50 Mtr/Min
Rated Payload	Max 80 Kg/Mtr
Dimension	Customized

### Application

- Food & Beverage Industry
- Chemical Industry

## Powered Roller Conveyor



Conveyor Frame	SS304/Carbon Steel,
Roller Material	SS304/Carbon Steel/Galvanised Iron
Roller Width	150mm-2000mm
System Speed	0-20 Mtr/Min
Rated Payload	Max 300 Kg/Mtr
Dimension	Customized

### Application

- Food & Beverage Industry
- Logistics Industry
- All Production, Processing & Packaging Industries



## Gravity Roller Conveyor



Conveyor Frame	SS304/Carbon Steel,
Roller Material	SS304/Carbon Steel/Galvanised Iron
Roller Width	150mm-2000mm
System Speed	0-20 Mtr/Min
Rated Payload	Max 300 Kg/Mtr
Dimension	Customized

### Application

- Food & Beverage Industry
- Logistics Industry
- All Production, Processing & Packaging Industries

## Flexible Roller Conveyor



Conveyor Frame	SS304/Carbon Steel,
Roller Material	SS304/Carbon Steel/Galvanised Iron
Roller Width	150mm-2000mm
System Speed	0-20 Mtr/Min
Rated Payload	Max 300 Kg/Mtr
Dimension	Customized

### Application

- Food & Beverage Industry
- Logistics Industry
- All Production, Processing & Packaging Industries

## Drag Chain Conveyor



Conveyor Frame	SS304/Carbon Steel,
Chain Material	Hardened Carbon Steel
Chain Width	Customized
System Speed	0-50 Mtr/Min
Rated Payload	Max 200 Kg/Mtr
Dimension	Customized

### Application

- ♦ Logistics Industry
- ♦ Packaging Industry etc

## Overhead Conveyor

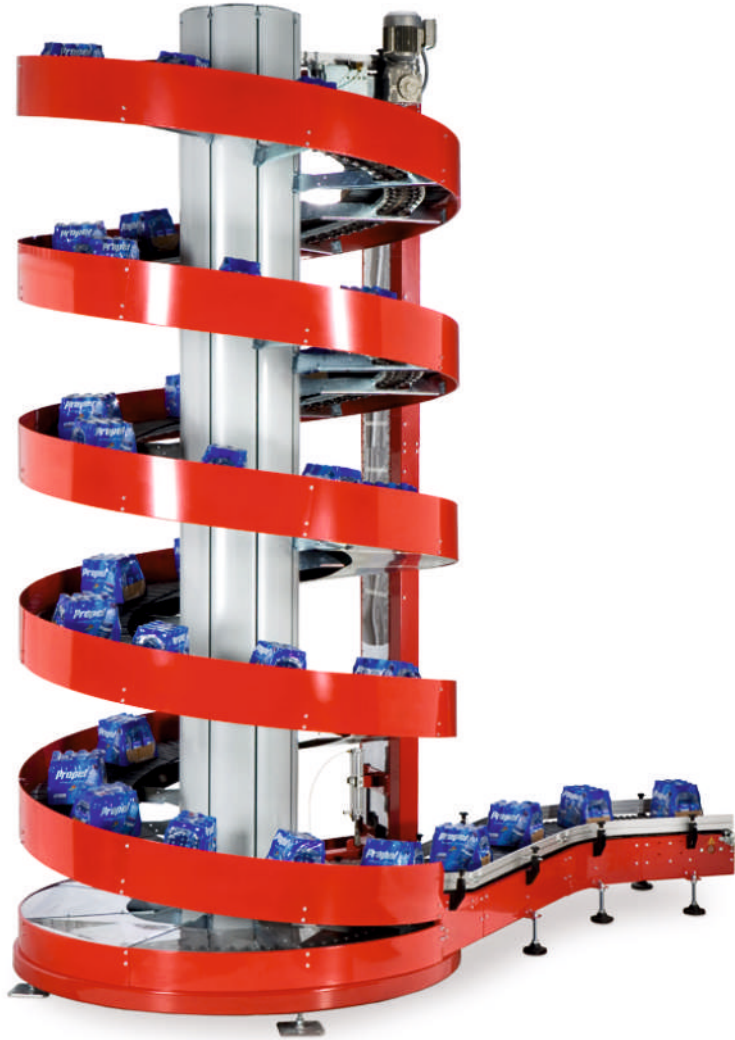


Conveyor Frame	SS304/Carbon Steel
System Material	Carbon Steel
System Width	Customized
System Speed	0-20 Mtr/Min
Rated Payload	Max 300 Kg/Mtr
Dimension	Customized

### Application

- ♦ Automobile Industry
- ♦ Logistics Industry
- ♦ All Production, Processing & Packaging Industries

## Spiral Conveyor



Conveyor Frame	SS304/Carbon Steel
Roller Material	SS304/Carbon Steel/GI
Roller Width	150mm-2000mm
Rated Payload	Max 40 Kg/Mtr
Dimension	Customized

### Application

- ◆ Logistics Industry
- ◆ Warehouse
- ◆ All Production, Processing & Packaging Industries

## Screw Conveyor



Conveyor Frame	SS304/Carbon Steel
Flight Material	SS304/Carbon Steel
Diameter	200mm-800mm
System Speed	As Per PTI Standards
Capacity	As Per PTI Standards
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Recycling Plant ◆ Chemical Industry
- ◆ All Production, Processing & Packaging Industries

## Telescopic Conveyor

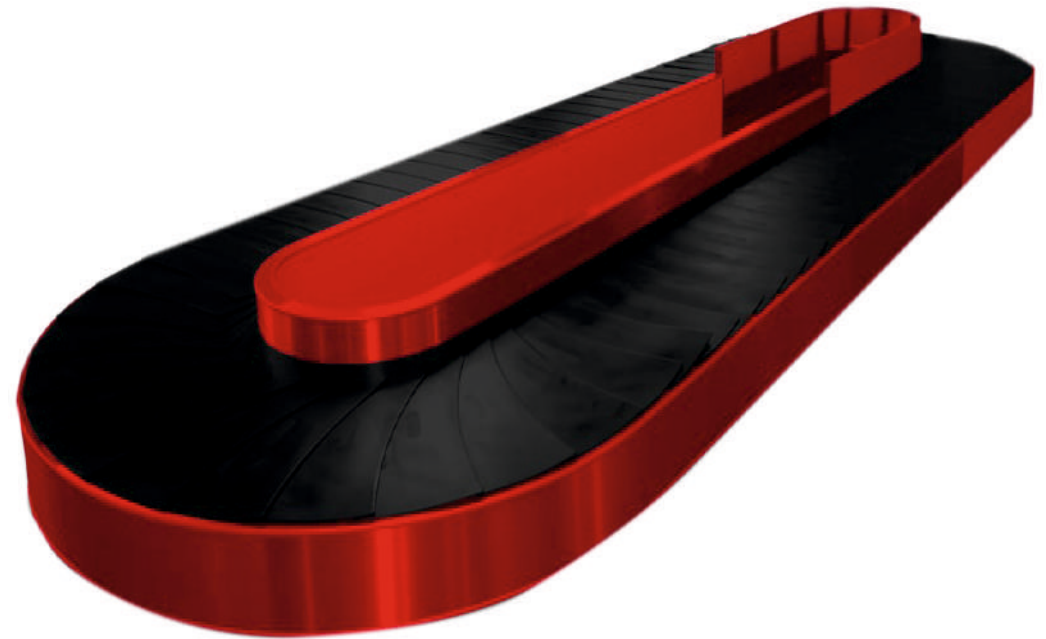


Conveyor Frame	SS304/Carbon Steel
System Type	Hydraulic
Belt Material	PVC, PU
Belt Width	100mm-2500mm
System Speed	0-30 Mtr/Min
Payload	0-70 Kg/Mtr
Dimension	Customized

### Application

- ◆ Logistics Industry
- ◆ All Warehouse
- ◆ All Production, Processing & Packaging Industries

## Carousel Conveyor



Conveyor Frame	SS304/Carbon Steel
Type	Friction Drive
Belt Material	Carbon Steel, Thermo Plastic Rubber Slats
Belt Width	100mm-2000mm
System Speed	0-30 Mtr/Min
Rated Payload	0-150 Kg/Mtr
Dimension	Customized

### Application

- ◆ Airport Baggage Handling
- ◆ Logistics Industry
- ◆ All Production, Processing & Packaging Industries

## Wire Mesh Conveyor



Conveyor Frame	SS304/Carbon Steel
Belt Material	SS304/Carbon Steel
System Width	150mm-1500mm
System Speed	0-20 Mtr/Min
Rated Payload	Max 30 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Chemical Industry
- ◆ All Production, Processing & Packaging Industries

## Check Weigher With Auto Rejection System

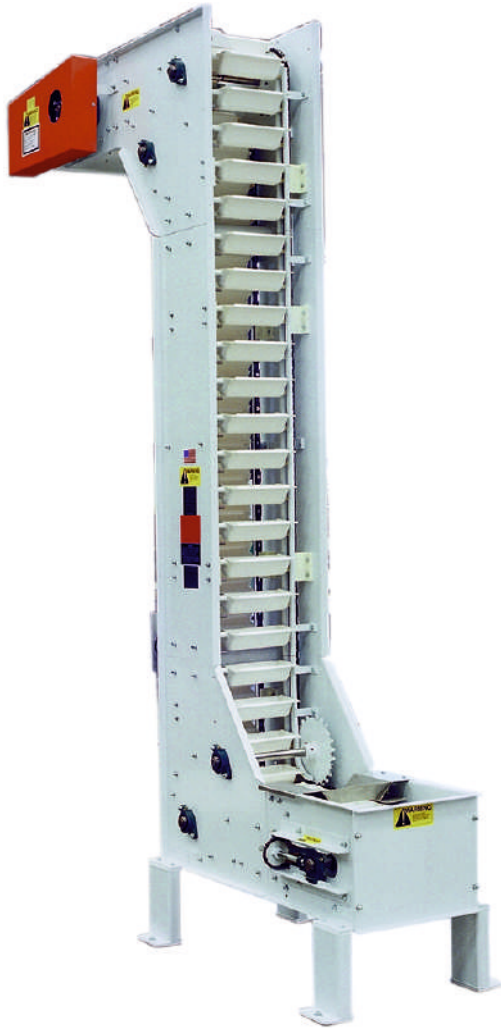


Weigher Scale	Digital
Features	With PLC & Sensors
Pusher Type	Pneumatic System
System Width	Max 600mm
Scale Capacity	Max 60kg
Backup Memory	Max 100 Pcs
Communication	Modbus RTU,RS485,TCP / IP,USB
Dimension	As Per Standards

### Application

- ◆ All Warehouse
- ◆ Logistics Industry
- ◆ All Production, Processing & Packaging Industries

## Bucket Elevator



Elevator Frame	SS304/Carbon Steel
Bucket Material	SS304/Carbon Steel, PVC
Elevation	2mtr-20mtr
System Speed	0-20 Mtr/Min
Bulk Density	Max 850 Kg/Mtr
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Cement Factory
- ◆ Chemical Industry.

## Hydraulic Goods Lift



Elevator Frame	Carbon Steel
Type	Hydraulic System
Elevation	2Mtr-20Mtr
Capacity	Upto 2 Ton
Dimension	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ All Ware House
- ◆ Logistics Industry
- ◆ All Production, Processing & Packaging Industries

## Scissor Lift



Elevator Frame	Carbon Steel
Type	Portable Undercarriage With Hydraulic Lifting
Elevation	2Mtr-20Mtr
Capacity	Upto 3 Ton
Dimension	Customized

### Application

- ◆ Construction Industry
- ◆ All Ware House & Logistics
- ◆ All Production, Processing & Packaging Industries

## Pallet Dispenser Unit



Conveyor Frame	Carbon Steel
Roller Material	Carbon Steel, GI
System Width	150mm-2000mm
Capacity	Max 2 Ton
Dimension	Customized

### Application

- ◆ All Warehouse & Logistics
- ◆ All Production, Processing & Packaging Industries

## 90 Degree Tilter Unit



Tilter Frame	Carbon Steel
Type	Hydraulic System
System Width	100mm-2000mm
Capacity	Max 2 Ton,
Dimension	Customized

### Application

- ♦ All Warehouse & Logistics
- ♦ All Production, Processing & Packaging Industries

## 180 Degree Turn Table System



Tilter Frame	Carbon Steel
Type	Motorized
System Width	150mm-2000mm
Capacity	Max 5 Ton,
Dimension	Customized

### Application

- ♦ All Warehouse & Logistics
- ♦ All Production, Processing & Packaging Industries



## Mobile Dock Ramp



Elevator Frame	Carbon Steel
Type	Portable Undercarriage With Checkered Base,
Inclination	Upto 4 Mtrs Heigh From Ground
Capacity	Upto 5 Ton
Dimension	Customized

### Application

- All Ware House & Logistics
- All Production, Processing & Packaging Industries

## Printer Conveyor System



Printer Type	Laser
Printing Speed	200MM/Sec
Resolution	200 DPI
Object Size	Customized
Features	With PLC, Sensors & Touch Screen

### Application

- Food & Beverage Industry
- Pharmaceuticals Industry
- All Production, Processing & Packaging Industries

## Automatic / Semi Automatic Filling Machine



Type:	4-16 Head - Filling Nozzles
Filling Range	100-2000ML
Filling Speed	10-40 Pcs/Min (Depending On Bottle & Filling Liquid)
Nozzle Dia	14mm
Moc	SS304/SS316
Features	With In-Built Memory, PLC, Sensors & Touch Screen
Suitable For	Flat & Round Bottles,
Bottle Size	Customized

### Application

- ◆ Food & Beverage Industry
- ◆ Pharmaceuticals Industry
- ◆ All Production, Processing & Packaging Industries

## Bottle Capping Machine



Type	Automatic/Semi Automatic
Bottling Speed	20-60 Pcs/Min
Cap Size	Customized
Fit Bottle Size	Customized
Features	With PLC, Sensors & Touch Screen

### Application

- ♦ Food & Beverage Industry
- ♦ Pharmaceuticals Industry
- ♦ All Production, Processing & Packaging Industries

## Automatic Induction Sealing Machine



Type:	Automatic/Semi Automatic Sealing System
Speed	20-80 Pcs/Min
Accuracy	+/- 0.5mm
Fit Bottle Size	Customized,
Features	With PLC, Sensors & Touch Screen

### Application

- ♦ Food & Beverage Industry
- ♦ Pharmaceuticals Industry
- ♦ All Production, Processing & Packaging Industries

## Automatic Shrink Tunnel Wrapping Machine

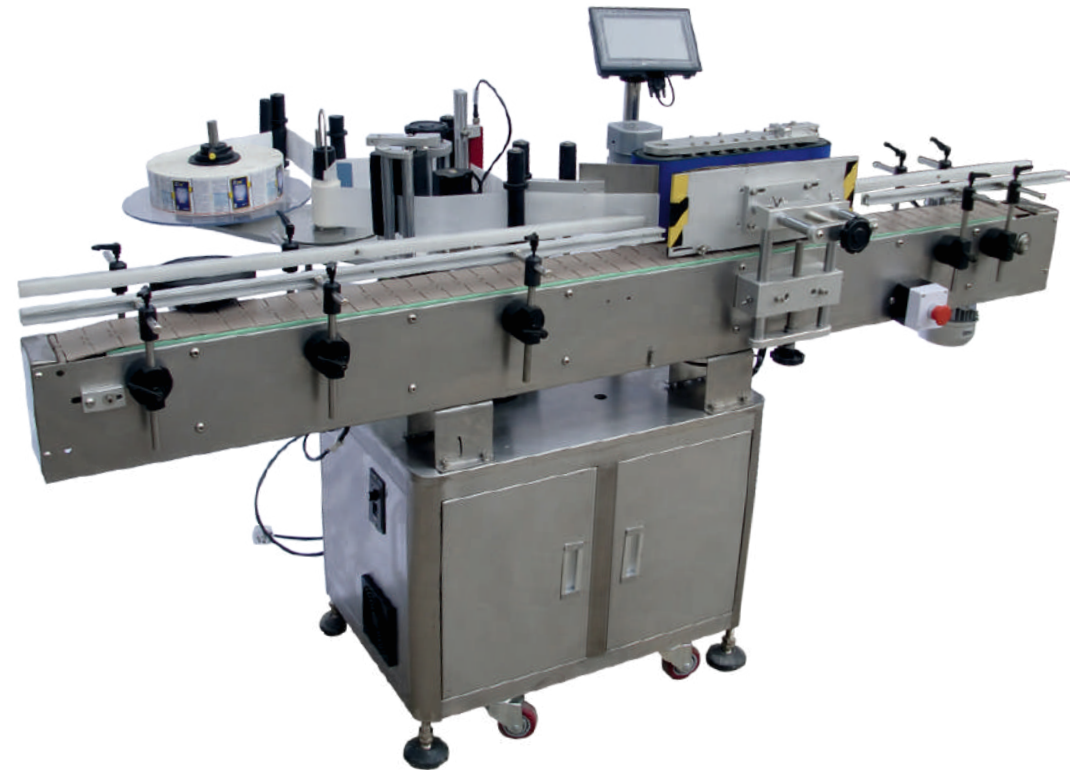


Type	Automatic Shrink Tunnel Wrapping Machine
Wrapping Speed	Upto 10 Pcs/Min (Depending On Object Size)
Wrapping Accuracy	+/- 5mm
Object Size	Customized
Capacity	Max 2 Tons
Moc	Carbon Steel (Power Coated)
Features	With In-Built Memory, PLC, Sensors, Touch Screen & Remote Control

### Application

- Food & Beverage Industry
- Pharmaceuticals Industry
- All Production, Processing & Packaging Industries

## Automatic / Semi-Automatic Labeling Machine

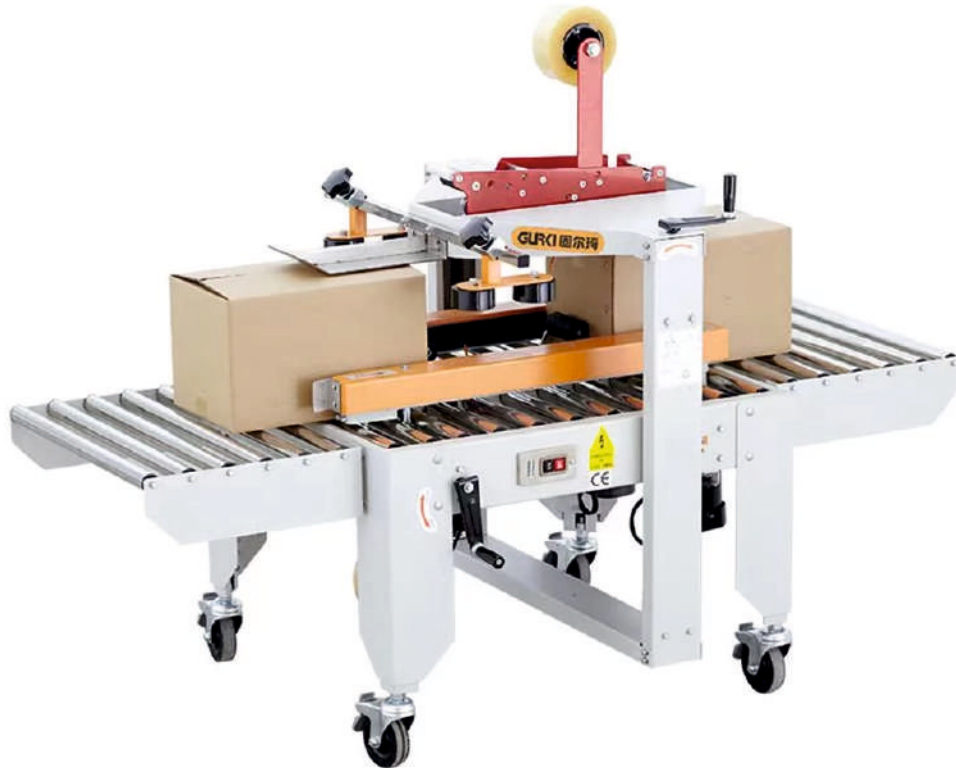


Type	Flat & Round Labeling System,
Labeling Speed	20-200 Pcs/Min
Labeling Accuracy	+/- 0.5mm
Label Size	Customized
Fit Bottle Size	Customized
Features	With PLC, Sensors & Touch Screen

### Application

- Food & Beverage Industry
- Pharmaceuticals Industry
- All Production, Processing & Packaging Industries

## Carton Taping Machine



Type	Automatic/Semi Automatic Tapping System,
Speed	20-60 Pcs/Min (Depending On Object Size)
Capacity	Max 4 Tons,
Carton Size	Customized
Features	With PLC, Sensors & Touch Screen,

### Application

- ♦ Food & Beverage Industry
- ♦ Pharmaceuticals Industry
- ♦ All Production, Processing & Packaging Industries

## Pallet Wrapping Machine



Type	Automatic Strapping Machine,
Strapping Speed	Maxm 2.5 Sec/Strap (Depending On Carton size)
Strapping Force	80kg,
Strapping Accuracy	+/- 5mm,
Object Size	Customized,
Capacity	Max 2 Tons,
Features	With In-Built Memory, PLC Sensors & Touch Screen

### Application

- ♦ Food & Beverage Industry
- ♦ All Ware House
- ♦ All Production, Processing & Packaging Industries

## Automatic Strapping Machine



Type	Automatic Strapping Machine,
Straping Speed	Maxm 2.5 Sec / Strap (Depending On Carton size)
Straping Force	80Kg
Straping Accuracy	+/- 5mm,
Object Size	Customized
Capacity	Max 2 Tons
Features	With In-Built Memory, PLC Sensors & Touch Screen

### Application

- ◆ Food & Beverage Industry
- ◆ All Ware House
- ◆ All Production, Logistics & Packaging Industry

## Stainless Steel Fabrication

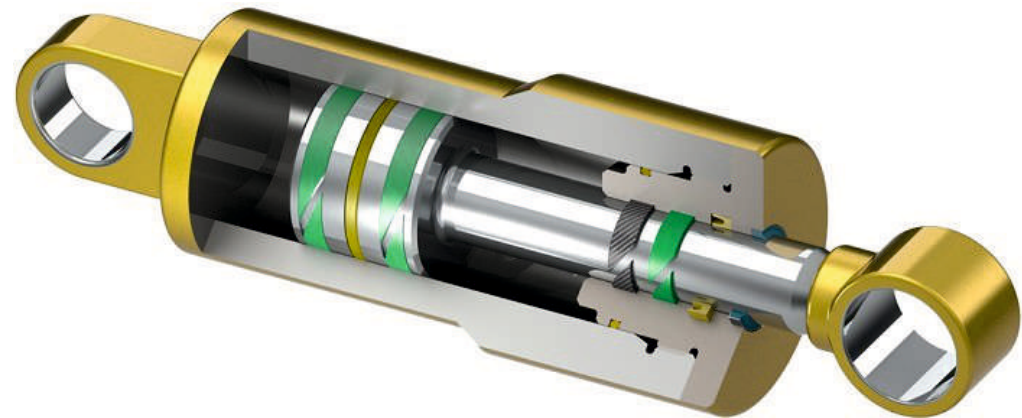


Type:	All Types Of Stainless Steel, Sheet Metal & Structural Fabrication
Grade	SS304/SS316/SS201
Production Capacity	Max 30 Tons/month
Welding Method	Tungsten Inert Gas Welding (TIG), Metal Inert Gas Welding (MIG) Electric Arc Welding, & Advanced Laser Welding

### Application

- ◆ Oil & Gas Industry
- ◆ Food & Beverage Industry ◆ Pharmaceuticals
- ◆ All Production, Processing & Packaging Industries

# Hydraulic Cylinder



Type	Single Acting/Double Acting, Telescopic Cylinders
Capacity	Max 50 Tons
Working Pressure	700 Bar
MOC	ST52/E355R Honed Cylinder Tube & CK 45 Chrome Piston Rod
Stroke	Customized
Dimension	Customized

## Application

- ◆ Oil & Gas Industry ◆ Automobiles
- ◆ Construction Machinery ◆ Food & Beverage
- ◆ All Production, Processing & Packaging Industries

# Sheet Metal & Structural Steel Fabrication



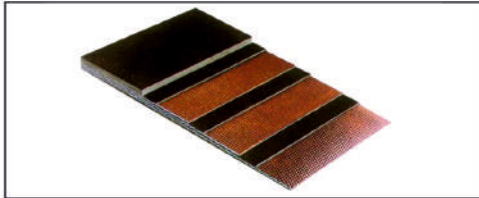
Type	All Types Of Sheet Metal, Pre-Engineered and Heavy Structural Fabrication
MOC	Carbon Steel, Aluminium & Galvanised Iron
Production Capacity	Max 50 Tons/Month
Welding Method	Tungsten Inert Gas Welding, Metal Inert Gas Welding, Electric Arc Welding & Advanced Laser Welding.

## Application

- ◆ Oil & Gas Industry ◆ Automobiles
- ◆ Construction Machinery
- ◆ All Production, Processing & Packaging Industries



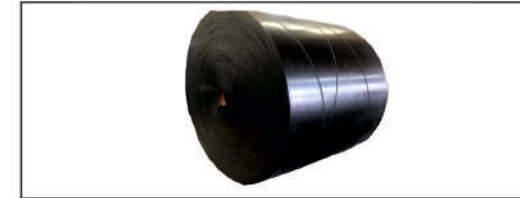
# Conveyor Belts



M24 Grade Rubber Belt



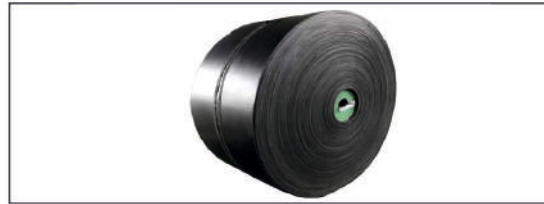
Chevron Conveyor Belt



Heat Resistant Belt



Food Grade Belt



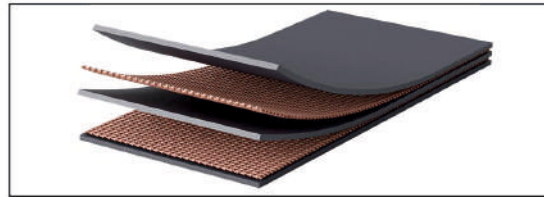
Fire Resistant Rubber Belt



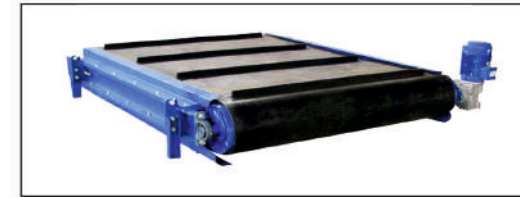
Rough Top Belt



Bucket Elevator Belt



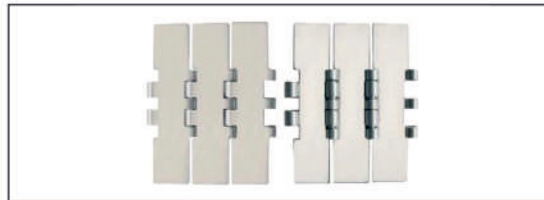
Oil Resistant Belt



Magnetic Separator Belt



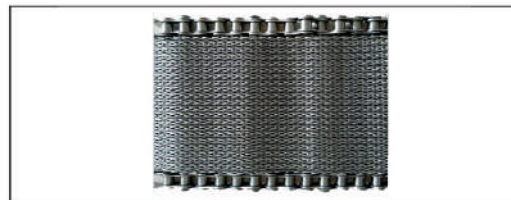
SS Slat Conveyor Chain 812



SS Slat Conveyor Chain 802



SS Slat Conveyor Chain 818 TAB



SS Chain Belt



Belt Joining Solution

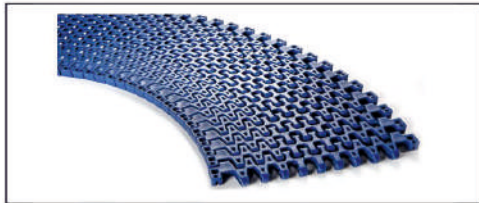
# Conveyor Components



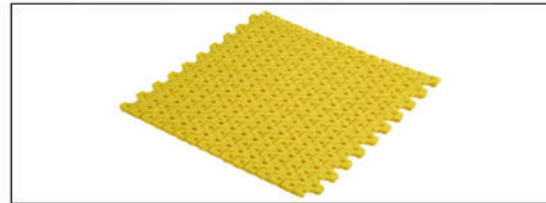
SS / GI Conveyor Rollers



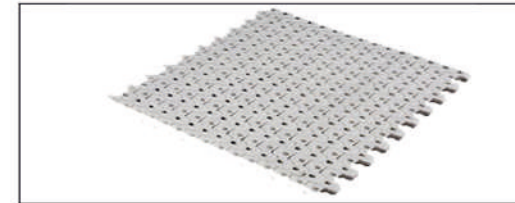
All Powered / Free Rollers



Modular Conveyor Belt - Blue



Modular Conveyor Belt - Yellow



Modular Conveyor Belt - White



Drive Sprocket 881 TAB



Drive Sprocket 820



Drive Sprocket 880



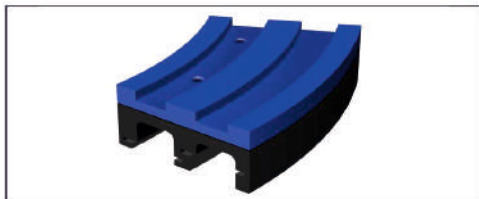
Frame Support Bipod



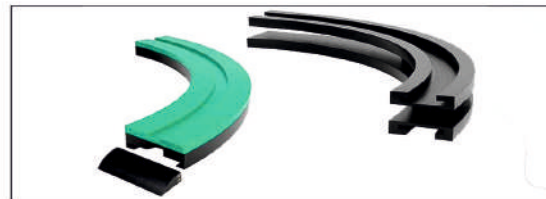
Frame Support Tripod



Side Mounting Bracket



Magnetic Corner Tracks



TAB Type Corner Type



Slate Leaf Corner Track

# INDUSTRIAL MACHINERY MANUFACTURING



## FACTORY & WAREHOUSE

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