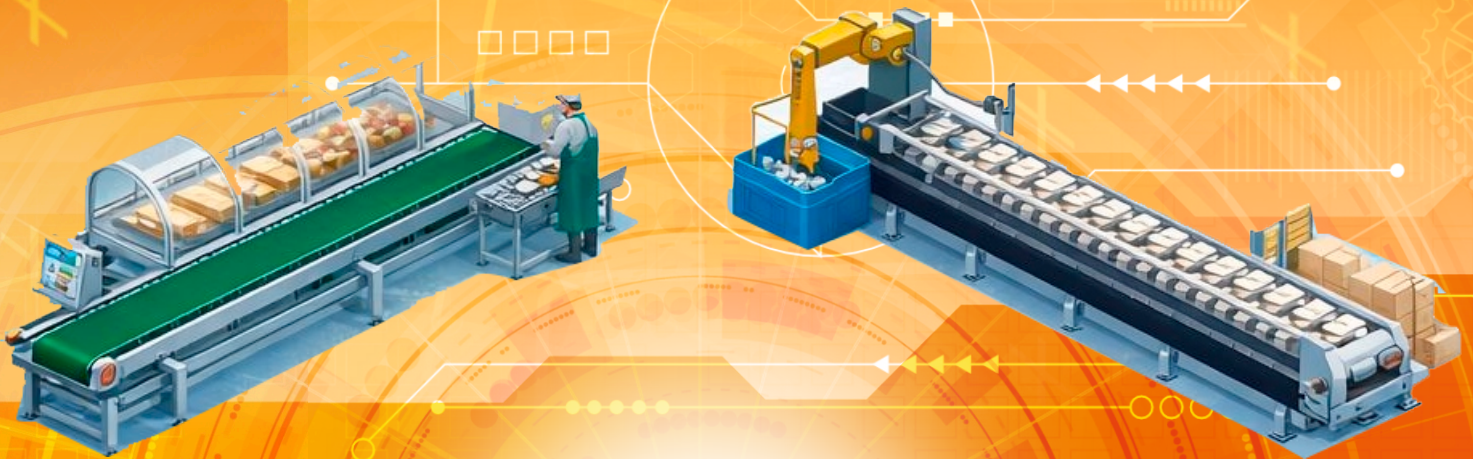


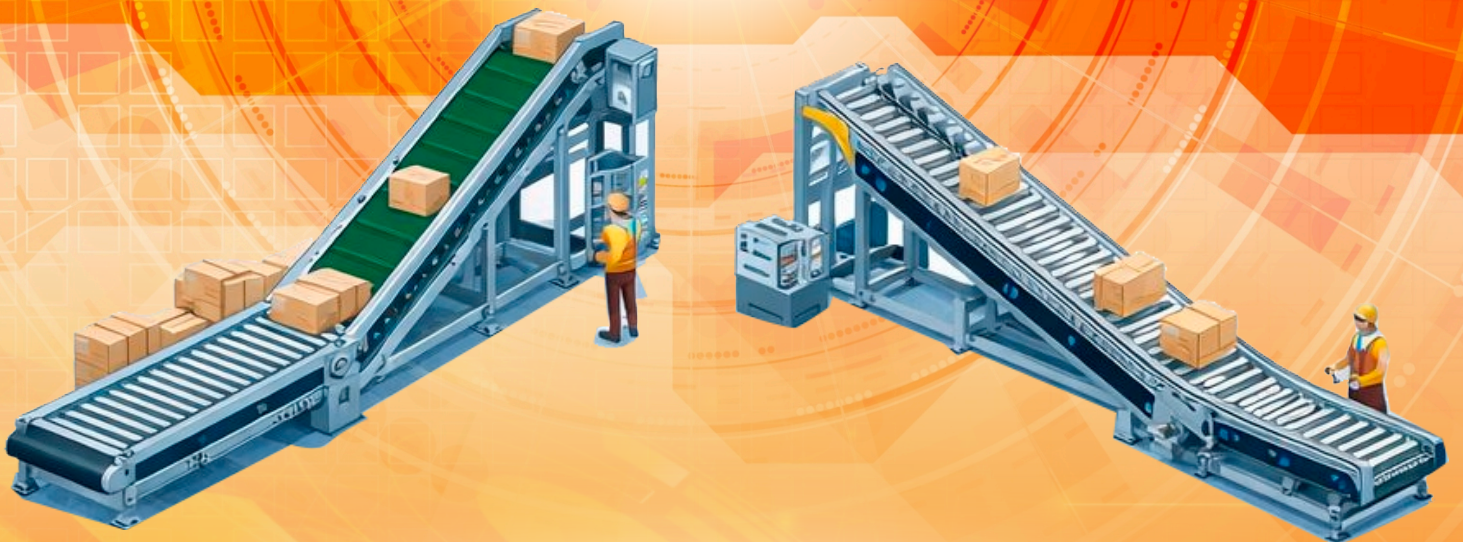
www.yontro.com

YONTRO

MECHATRONIC SYSTECH



Conveyor Systems Automation Solutions



YONTRO MECHATRONIC SYSTECH

Plot No. 126, Sector 5, IMT Manesar, Gurgaon 122050

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Our Infrastructure



CNC Laser Cut



CNC Press Brake



CNC Turning



VMC



Lathe Machine



Milling Machine



Design Office

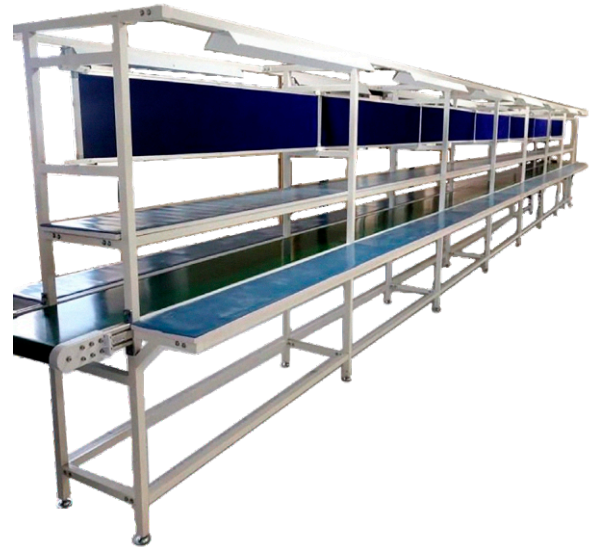


Meeting Room

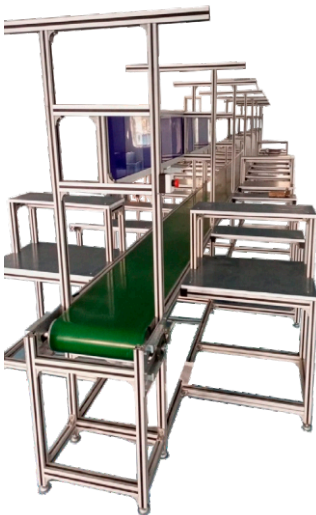
Flat Belt Conveyor with Side Working Platform



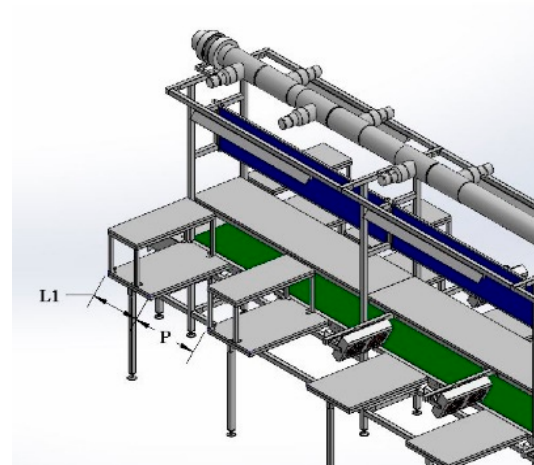
Belt conveyor with side working Platform in Alu. profile



Belt conveyor with side working Platform in MS Pipe

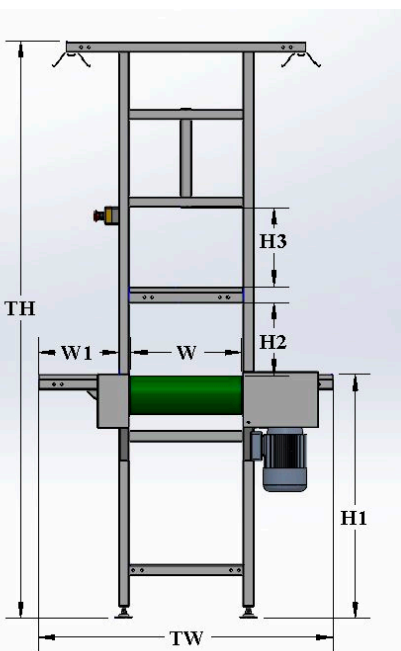


Belt conveyor with perpendicular working platform



Specifications :

| | |
|---------|------------------------------|
| L | Length of Conveyor |
| W | Belt Width |
| W1 | Width of Working Platform |
| TW | Total Width |
| H1 | Working Height |
| H2 | Clear Height above Belt |
| H3 | Clear Height above Shelf |
| TH | Total Height |
| L1 & W1 | Length & Width of Side Table |
| P | Distance Between Two Tables |



Application Industries

x Assembly Line
x Packing Line

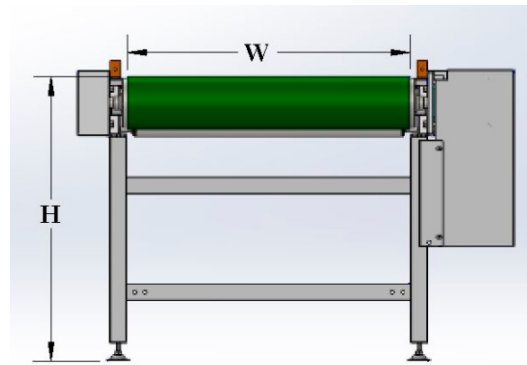
x Inspection Line
x Material Transfer

| SPECIFICATIONS | STANDARD | OPTION |
|---|--|---|
| Belt Width | 400 mm | 100 mm to 1800 mm In multiples of 50 mm |
| Conveyor Length | As per user requirement | |
| Belt Type | Option of PVC / PU / ESD / Rough Top or Super Grip | |
| Belt Thickness | 2.0 / 3.0 / 4.0 / 5.0 mm | |
| Belt Support on Top | Powder coated MS Panel | SS panel / Roller bed |
| Belt Support Bottom | Rollers at a distance of 1800 mm | Rollers as per design requirement |
| Structure | Powder coated MS pipe frame | SS frame / Anodized Al profile |
| Conveyor Speed | Fixed or Variable as per user requirement | |
| Working Height | 750 mm | 900 mm OR As per user requirement |
| Total Height | 2000 mm | As per user requirement |
| Height adjustment | +/- 50 mm | As per user requirement |
| Ht. Adj. Method | Through Levelling Feet | Through bracket or other arrangement |
| Side Working Platform Parallel to Belt | x Width 300 mm x Laminated Board (White) | x Wooden Board with ESD/PVC mat x SS Sheet Metal Panel x Powder coated MS Panel |
| Independent Working Platform Perpendicular to Belt | x Size-As per requirement x Laminated Board (White) | x Wooden Board with ESD/PVC mat x SS Sheet Metal Panel x Powder coated MS Panel |
| Shelf above Belt | Provided of Laminated Board (White Laminate) | x Not Required x Wooden Board with ESD/ PVC Mat x SS Sheet Metal Panel x Powder coated MS Panel |
| Display Board | Acrylic Sheet (Green) | x Pin Board with colour of your choice x White Board x Magnetic Board |
| Lighting | We provide sheet metal reflectors one per 6 feet module on both side of belt | x LED Tube light one at every 6 feet module on both side of belt x Qty of lights as per your requirement |
| Power Socket | Provided on request with following information : x Combination of Socket & Switch required (6 AMP/16AMP) x Number of power board per 6 feet module x Placement of the Power board | |
| Pneumatic Line | Provided on request with following information : x Number of outlets per 6 feet module x Output Required by QRC or Ball Valve x Placement of Line above the top post or beneath the belt | |
| Fume Exhaust Pipe Line | Provided on request with following information : x Number of exhaust outlets per 6 feet module x Inline Fans x Imported or Yontro Make x Standardly one Inline fan is provided per 12 feet length | |
| Other Optional | x Tool Slider for Spring Balancer on Top Post x Sensor for start / stop x Partition above belt x Wall Fan on Top Post | x Cable Tray x Bin Rail x Bottle Holder x Dustbin Holder x Drawer Cabinet |
| ITEM INFORMATION TO BE PROVIDED | | |
| x Item to moved x Weight of one unit x Total weight on conveyor | | x Product to be stopped / dropped at the end of conveyor or to be transferred to another conveyor |

Flat Belt Conveyor

Application Industries

- x Packing Line
- x Assembly Line
- x Material Transport



| SPECIFICATIONS | STANDARD | OPTION |
|--|--|--|
| Belt Width | 400 mm | 100 mm to 1800 mm In multiples of 50 mm |
| Conveyor Length | As per user requirement | |
| Working Height | 750 / 900 mm | As per user requirement |
| Height adjustment | +/- 50 mm | As per user requirement |
| Ht. Adj. Method | Through Levelling Feet | Through bracket or other arrangement |
| Belt Type | Option of PVC / PU / ESD / Rough Top or Super Grip | |
| Belt Thickness | 2.0 / 3.0 / 4.0 / 5.0 mm | |
| Structure | Powder coated MS pipe frame / SS frame / Anodized Al profile | |
| Conveyor Speed | Fixed or Variable as per user requirement | |
| ITEM INFORMATION TO BE PROVIDED | | |
| Item to moved | Weight of one unit | Total weight on conveyor |

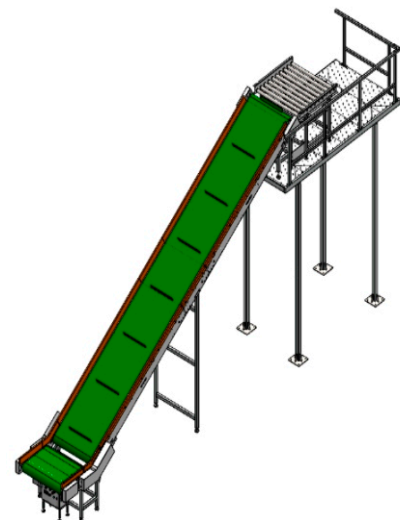
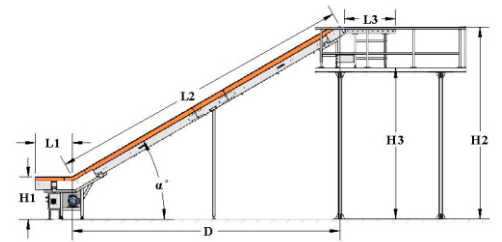
Inclined Conveyor

Application Industries

- x Belt (Plain & Cleated)
- x Drag Chain
- x Modular Belt With Cleat



| SPECIFICATIONS | STANDARD | OPTION | |
|---|---|--|--------------------------|
| Belt Width | 400 mm | 100 mm to 1800 mm In multiples of 50 mm | |
| Conveyor Length | As per user requirement | | |
| Belt Type | Option of Rough Top, PVC, Modular Plastic - with or without cleat, Drag chain | | |
| Belt Thickness | 3.0 / 4.0 / 5.0 mm | | |
| Belt Support on Top | Powder coated MS Panel | SS panel / Roller bed | |
| Best Support Bottom | Rollers at a distance of 1800 mm | Rollers as per design requirement | |
| Structure | Powder coated MS pipe frame | SS frame / Anodized Al profile frame | |
| Conveyor Speed | Fixed or Variable as per user requirement | | |
| Height at entry and exit (H1 & H2) | As per user requirement | | |
| Inclination Angle (α) | To be specified by user | | |
| Horizontal Length (D) | To be specified by user | | |
| Sensor at entry to detect object to start conveyor | Not provided | Provided if required | |
| Sensor at exit to detect object to stop conveyor to prevent object drop | Not provided | Provided if required | |
| Information for belt with Cleat | x Pitch of cleat x Cleat Height | | |
| DRAG CHAIN TYPE CONVEYOR | | | |
| Chain Type | x Slat Chain of 2x pitch x Base made of SS Sheet / Nylon as required by | | |
| ITEM INFORMATION TO BE PROVIDED | | | |
| Item to moved | Dimension of unit | Weight of one unit | Total weight on conveyor |



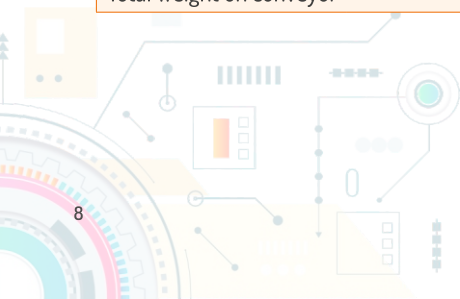
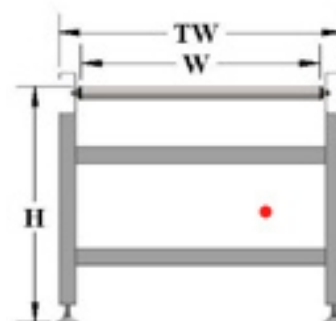
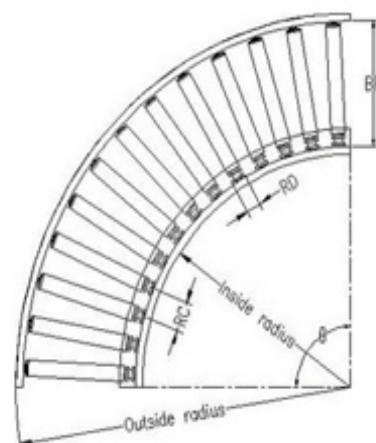
Roller Conveyor

Application Industries

- x Packing Line
- x Material Transfer
- x Assembly Line



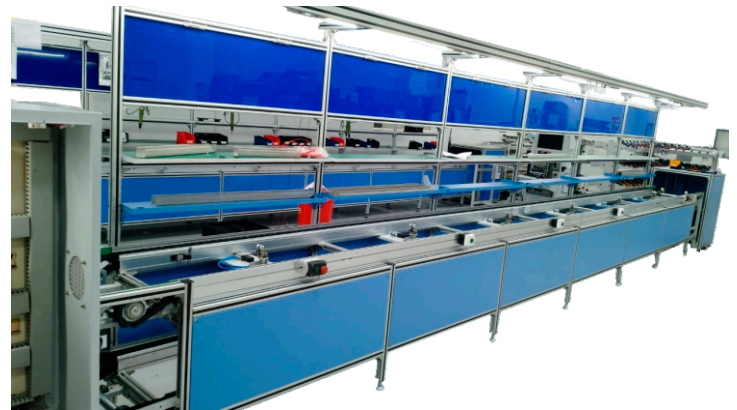
| SPECIFICATIONS | STANDARD | OPTION |
|---|--|--|
| Roller Length | 400 mm | 100 mm to 1800 mm In multiples of 50 mm |
| Conveyor Width | Power Roller- Roller Length +100 mm ; Gravity Roller-Roller Length+ 80 mm | |
| Conveyor Length | As per user requirement | |
| Roller Material | Option of Zinc Plated MS / SS / PU coated | |
| Roller Diameter | Dia. 38 mm / 50 mm / As per application | |
| Roller Pitch | As per item size & weight or application | |
| Roller Drive (Applicable for Powered Conv) | 1. Chain Drive x 1/2x chain interlink drive 2. Line Shaft x through belt and pulley 3. Polley V Belt 4. Timing Belt | |
| Roller Mounting Bracket | Powder Coated MS 'C' Channel / Al Profile / OR as per requirement | |
| Structure | Powder coated MS pipe frame | SS frame / Anodized Al profile |
| Conveyor Speed | Fixed or Variable as per user requirement | |
| Working Height | 750 mm | 900 mm OR As per user requirement |
| Height adjustment | +/- 50 mm | As per user requirement |
| Ht. Adj. Method | Through Levelling Feet | Through bracket or other arrangement |
| Other Optional | x Drip Tray beneath the rollers x Sensor for start / stop | |
| ITEM INFORMATION TO BE PROVIDED | | |
| x Item to moved x Weight of one unit Total weight on conveyor | | |



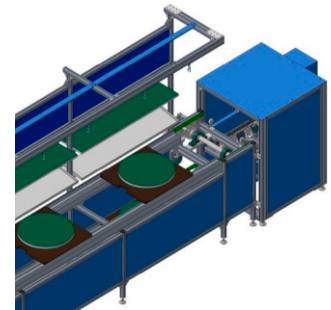
Free Flow Conveyor

Application Industries

Assembly Line For Heavy Sku's
(Sku Assembled on pallets)



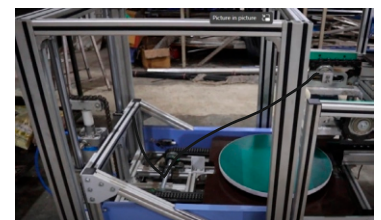
| SPECIFICATIONS | STANDARD | OPTION |
|--------------------------|---|--|
| Pallet Size | As per Product Size | |
| Pallet Width | Min. 500 mm Max. 800 mm (In increments of 100 mm) | |
| Conveyor Width | Pallet Width + 80 mm | |
| Conveyor Length | As per requirement | |
| Working Height | 900 mm OR As per user requirement | |
| Working Height | 2100 mm OR As per user requirement | |
| Height adjustment | +/- 50 mm | As per user requirement |
| Ht. Adj. Method | Through Levelling Feet | Through bracket or other arrangement |
| Structure | Powder coated MS pipe frame | SS frame / Anodized Al profile |
| Conveyor Speed | Fixed or Variable as per user requirement | |
| Pneumatic Stopper | Pneumatic Stopper Cylinder. Qty as per requirement | |
| Display Board | Acrylic Sheet (Green) | <ul style="list-style-type: none"> x Pin Board with colour of your choice x White Board x Magnetic Board |
| Lighting | We provide sheet metal reflectors one per 6 feet module | <ul style="list-style-type: none"> x LED Tube light one at every 6 feet module on both side of belt x Qty of lights as per your requirement |
| Power Socket | Provided on request with following information : x Combination of Socket & Switch required (6 AMP/16AMP) x Number of power board per 6 feet module placement of the Power board | |
| Pneumatic Line | Provided on request with following information : x Number of outlets per 6 feet module x Output Required by QRC or Ball Valve x Placement of Line above the top post or beneath the belt | |
| Pallet Return Path (PRP) | <ul style="list-style-type: none"> x Through Conveyor Line running below the main line x Through Conveyor Line running parallel, behind the main line | |
| Pallet Transfer | For PRP Below Main Line | Automatic Pallet Loader/Un-Loader Unit |
| | For PRP Parallel to Main Line | Automatic Cross Transfer Unit |
| | | Manual Ball Transfer Unit |
| Other Optional | <ul style="list-style-type: none"> x Tool Slider for Spring Balancer on Top Post x Child Part feeding through FIFO Trolley or Trolley with Bin | <ul style="list-style-type: none"> x Cable Tray x Bottle Holder x Wall Fan on Top Post x Bin Rail or Shelf for child parts |



Loader / Un-loader Unit



Cross Transfer Unit



Loader / Un-loader Unit



Ball Transfer Table

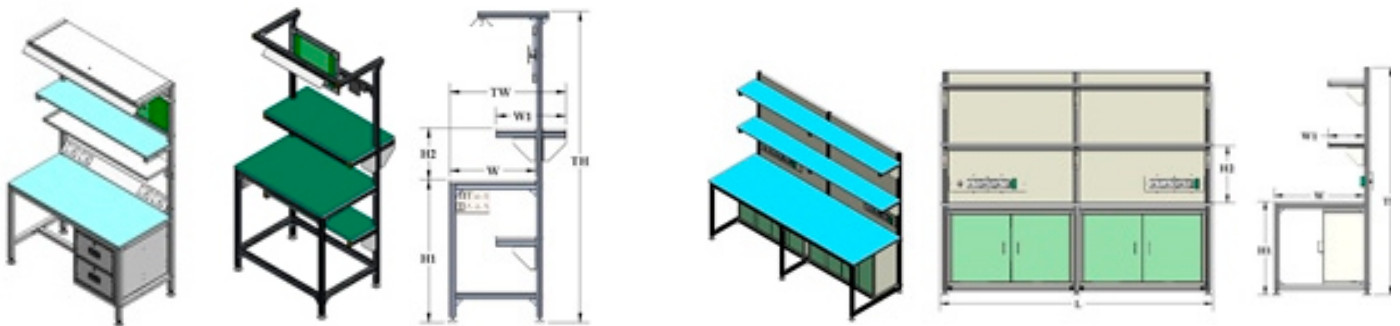
Work Station



E-Commerce Stations



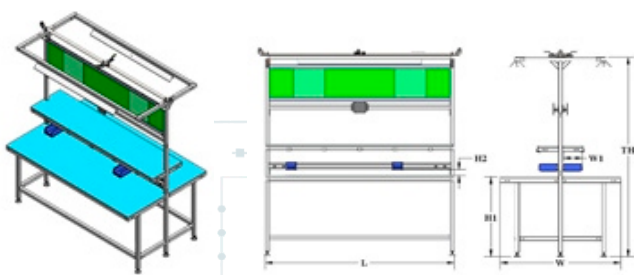
Industrial Stations



Packing Table for E-COM / Warehousing

SPECIFICATIONS

| Dimensions | |
|------------|--------------------------|
| L | Length of Table |
| W | Width of Table |
| H1 | Working Height |
| H2 | Clear Height above Table |
| H3 | Clear Height above Shelf |
| TH | Total Height |
| TW | Total Width |



Application Industries

x Assembly Station
x Packing Station

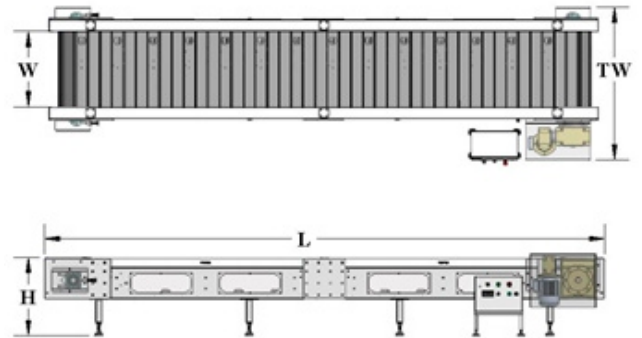
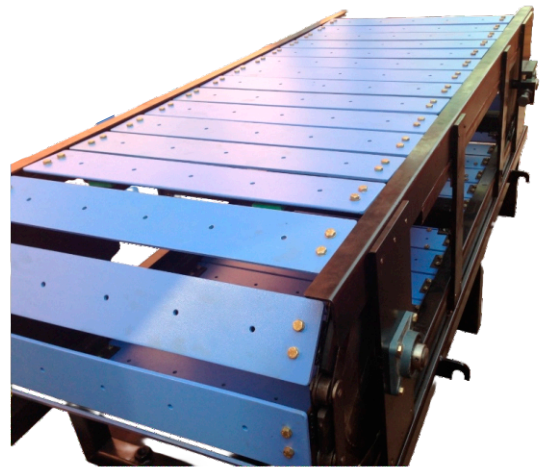
x Inspection Station
x QC / QA Station

| SPECIFICATIONS | STANDARD | OPTION |
|-----------------------|--|---|
| Configuration | Single Sided | Double Sided |
| Dimension x Table Top | L - 1200 mm, W - 600 mm | As per user requirement |
| Working Height | 750 mm | 900 mm OR As per user requirement |
| Total Height | 2000 mm | As per user requirement |
| Height adjustment | +/- 50 mm | As per user requirement |
| Ht. Adj. Method | Through Levelling Feet | Through bracket or other arrangement |
| Castors | Not provided | Provided if required |
| Structure | Powder coated MS pipe frame | SS frame / Anodized Al profile |
| Table Top | OPTIONS- x Laminated Board (White) x Wooden Board with ESD/PVC mat x SS Sheet Metal Panel x Powder coated MS Panel | |
| Storage Shelves | OPTIONS- x Option of number of shelves required above the Table top • Tray mounted on Angle adjustable bracket or fixed Horizontal type x Powder Coated sheet metal tray x Laminated Board (White) x Wooden Board with ESD/PVC mat x SS Sheet Metal tray | |
| Bottom Storage | OPTIONS- x Set of drawers with option of one, two or three drawers x Bottom tray / shelf x Open type x Bottom cupboard with doors | |
| Display Board | Acrylic Sheet (Green) | x Pin Board with colour of your choice x White Board x Magnetic Board |
| Lighting | x LED Tube light as per standard make and designs available x Qty of lights as per your requirement | |
| Power Socket | Provided on request with following information : x Combination of Socket & Switch required (6 AMP/16AMP) x Number of power board per module x Placement of the Power board | |
| Pneumatic Line | Provided on request with following information : x Number of outlets per module x Output Required by QRC or Ball Valve x Placement of Line above the top post or beneath the table top | |
| Other Optional | x Tool Slider for Spring Balancer on Top Post x Wall Fan on Top Post x Cable Tray x Bottle Holder x Dustbin Holder x Computer Monitor Mounting Bracket / Arm | |

Slat Conveyor

Application Industries

- × Assembly Line, Ageing of Electrical Appliance
- × Material Transport



| SPECIFICATIONS | STANDARD | OPTION |
|--|--|--|
| Application | Assembly of Product | Ageing of appliances / As per user requirement |
| Working Width | 400 mm | 100 mm to 1800 mm In multiples of 100 mm |
| Total Width | Working Width + 200 mm | |
| Conveyor Length | As per user requirement | |
| Working Height | 750 / 900 mm | As per user requirement |
| Height adjustment | +/- 50 mm | As per user requirement |
| Ht. Adj. Method | Through Levelling Feet | Through bracket or other arrangement |
| Type of Chain | Slat Chain with K2 attachment | |
| Pitch of Slat Chain | 1 inch | 1.5 / 2.0 / 3.0 / 4.0 / 6.0 inch |
| Width of Slat Plate | 100 mm | As per user requirement |
| Pitch of Slat Plate | 100 mm | As per user requirement |
| Thickness of Slat Plate | As per application requirement | |
| Structure | Powder coated MS pipe frame / SS frame / Anodized Al profile | |
| Conveyor Speed | Fixed or Variable as per user requirement | |
| Item Information to be provided | | |
| Item to moved | Weight of one unit | Total weight on conveyor |

Truck Loading Conveyor Application Industries

x Loading and Un-loading of Trucks & Containers



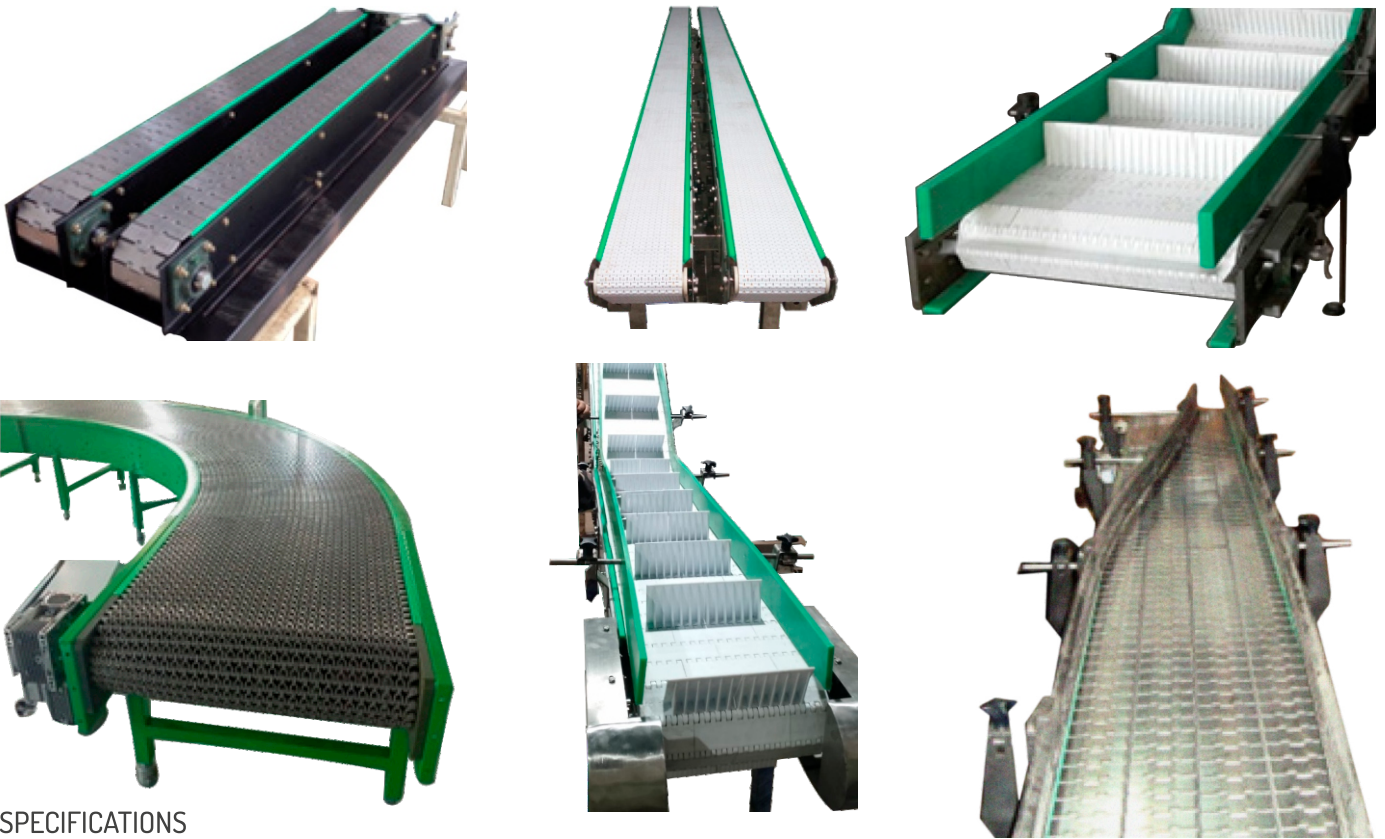
Features

- x Three Stage Boom Type Telescopic Conveyor.
- x Angle Adjustment from 0 degree to 15 degree by dual hydraulic cylinder
- x Hydraulic System complete with Two hydraulic cylinder and Power pack
- x Base structure 6.0 M Length
- x Each Boom can be expanded to 3.0 M
- x Rapid Loading & Un-loading of trucks
- x Suitable for all type of trucks & containers
- x Sensor for box detection and auto stop
- x Rough-Top PVC Belt of 5mm thickness

SPECIFICATIONS

| STAGES | COMPRESSED LENGTH | EXTENSION LENGTH | OVERALL LENGTH |
|-----------------|------------------------------|------------------|----------------|
| Two | 6.0 M | 3.0 M | 9.0 M |
| Three | 6.0 M | 6.0 M | 12.0 M |
| Four | 6.0 M | 9.0 M | 15.0 M |
| Conveyor Speed | 3.0 M To 30.0 M / Min | | |
| Load Capacity | 50 Kg / M | | |
| Extension Speed | 12 M / Min | | |
| Max. Incl Angle | 15 Degree | | |
| Safety Feature | Push Bar Stop | | |
| Belt Motor | 1.5 Kw / 2.2 Kw, 380 V, 3 Ph | | |
| Extension Motor | 0.75 Kw, 380 V, 3 Ph | | |
| Belt Width | 600 Mm / 800 Mm | | |

Modular Plastic Belt Conveyor & Salt Chain Conveyor



SPECIFICATIONS

| MODULAR PLASTIC BELT | |
|---------------------------------|--|
| Belt Width | 100 mm x 900 mm |
| Type of Belt | Straight running belt |
| Belt Material | Polyacetal (Plastic) |
| Pitch of Link | 12.7 mm, 25 mm and 50 mm |
| Belt Top Types | <ul style="list-style-type: none"> x Flat Top x Perforated Top x Rough Top x Nub Top x Raised Rib Top x High Temperature Top |
| Working Height | 750 / 900 mm |
| Height adjustment | +/- 50 mm |
| Ht. Adj. Method | Through Levelling Feet |
| Belt Support on Top & Bottom | UHMWPE Sheet |
| Drive Sprocket | Made of Polyamide material with square bore of 40mm side. Available in 8,10, 12, 16,18 & 20 teeth |
| Structure | Powder coated MS pipe frame / SS frame / Anodized Al profile |
| Conveyor Speed | Fixed or Variable as per user requirement |
| Item Information to be provided | <ul style="list-style-type: none"> x Item to moved x Weight of one unit x Total weight on conveyor |

| SALT CHAIN | |
|---------------------------------|--|
| Belt Width | 100 mm x 900 mm |
| Type of chain | Straight running chain, Tab Flex Chain for Curved, Magnet Flex Chain for curved |
| Chain Material | SS 304 / Polyacetal (Plastic) |
| Pitch of Link | 1.5x (38.1 mm) |
| Chain Width | <ul style="list-style-type: none"> x 3.25x (82.5 mm) x 4.5x (114.3 mm) x 6.0x (152.4 mm) x 7.5x (190.5 mm) x 10.0x (254.0 mm) x 12.0x (304.8 mm) |
| Working Height | 750 / 900 mm |
| Height adjustment | +/- 50 mm |
| Ht. Adj. Method | Through Levelling Feet |
| Belt Support on Top & Bottom | UHMWPE Wear Strip on top and rollers at bottom |
| Drive Sprocket | Split / Cast Sprocket of Polyamide material Available in 19, 21 & 25 teeth |
| Structure | Powder coated MS pipe frame / SS frame / Anodized Al profile |
| Conveyor Speed | Fixed or Variable as per user requirement |
| Item Information to be provided | <ul style="list-style-type: none"> x Item to moved x Weight of one unit x Total weight on conveyor |

Oven Conveyors

- x For drying ink of screen printed parts
- x For shrink wrap application
- x For curing or pre-heating application



Oven Conveyor



Shrink Wrap Oven

Cooling Conveyors

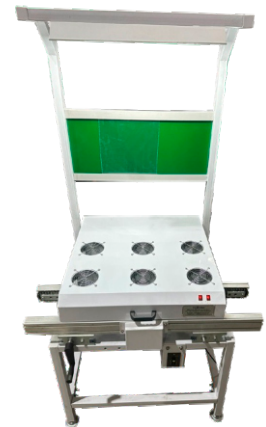
- x For cooling die casted parts
- x For transferring hot forged parts
- x For transferring hot parts after heat treatment
- x For cooling soldered PCBs



Mesh Belt Conveyor



Cooling Conveyors



Edge Type Cooling Conv

Ageing / Soaking Conveyor for LED Lights

- x For functional and life testing of electrical goods
- x The pallets / slats are powered through a bus bar supplying current through power collectors
- x Conveyor can be divided into different zones and each zone fed with different voltages.
- x Different voltage is supplied to each zone through the bus bar from the control panel



Ageing / Soaking Conveyor For Led Lights, White Goods Etc.



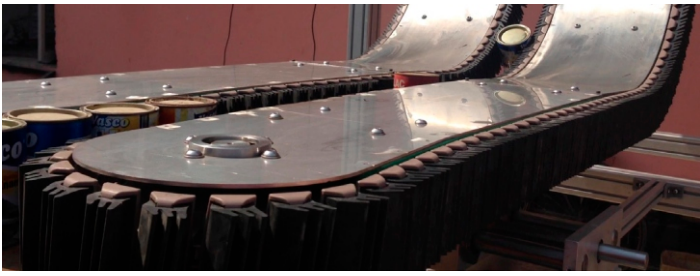
Slat Type Conveyor for Led Bulbs



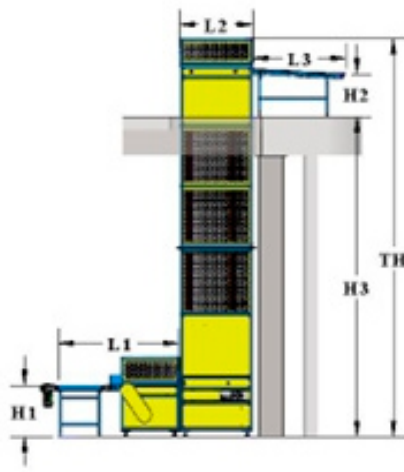
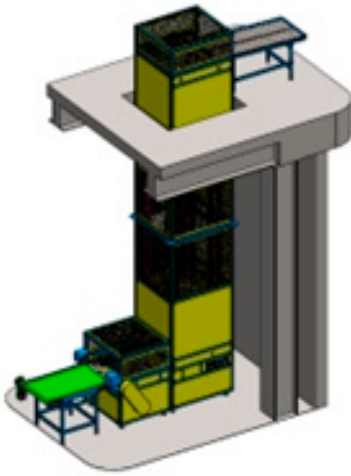
Slat Type Conveyor for Air Coolers & other White Goods

Conveyors for Special Application

Gripper / Wedge Conveyor



Vertical Conveyors



PCB Insertion Conveyor



Feeder Trolley

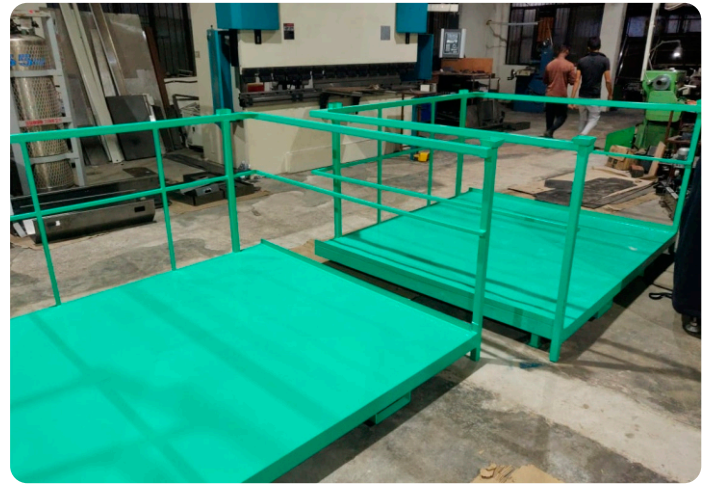


Sorting Conveyor with Hopper

Customised Industrial Solutions



Raw Material Storage Rack for Sheet Metal



Stackiner for Logistic Industry



Steel Case for Logistic Industry



Die & Moulds Storage Rack



Crate Washing Conveyor



Bakery Industry



Storage Cabinets

Pallet Dispencer, Transfer Conveyors & Turn Units



Pallet Dispencer

Application Industries

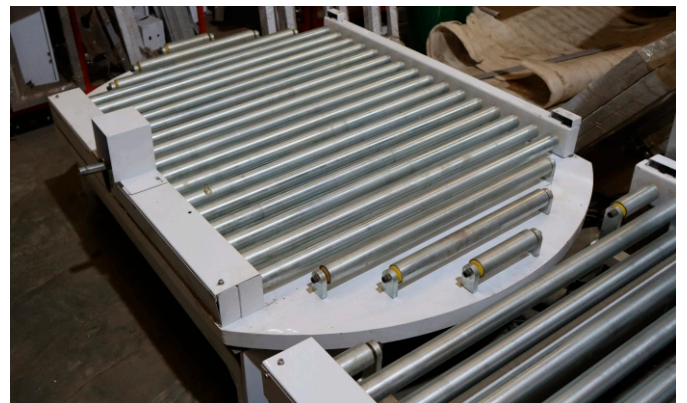
Palletizing Line, Warehousing Etc

Features

- x Suitable for dispensing or stacking empty pallets.
- x Roller or Chain conveyor can be used to load or dispense pallets.
- x Can accommodate wooden or plastic pallets of sizes from 36x to 48x with minimal changeover time.
- x Heavy duty welded structure, powder coated.
- x PLC based control.
- x Suitable for maximum payload up-to 680 Kg
- x Suitable to stack up-to 20 pallets.
- x Output up-to 120 pallets per hour.

Working

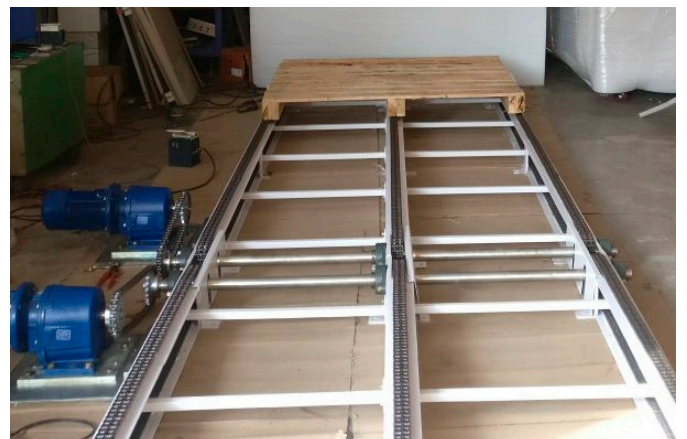
The machine will automatically dispense pallets in any of three directions, left, right, or straight ahead, from the bottom of the magazine at a rate of two pallets per minute. Pallets are loaded into one side of the magazine then discharged on other side.



Pallet Turntable



Powerised Roller Conveyor



Drag Chain Conveyor

Our Customers

OKAYA
NEVER STOP INDIA

NYKAA

ALSHAYA
GROUP

Crompton

LUMAX
LUMAX INDUSTRIES LIMITED

Continental

HAVELLS

markem·imaje
a **DOVER** company

HONDA

LUMINOUS

Dixon

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