

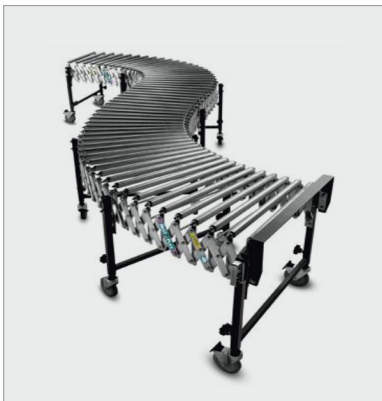


**TEJ AUTOSYSTEM PVT. LTD.**



....The versatile  
**Conveyor** company

[www.taplindia.net](http://www.taplindia.net)





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# OUR PRODUCTS

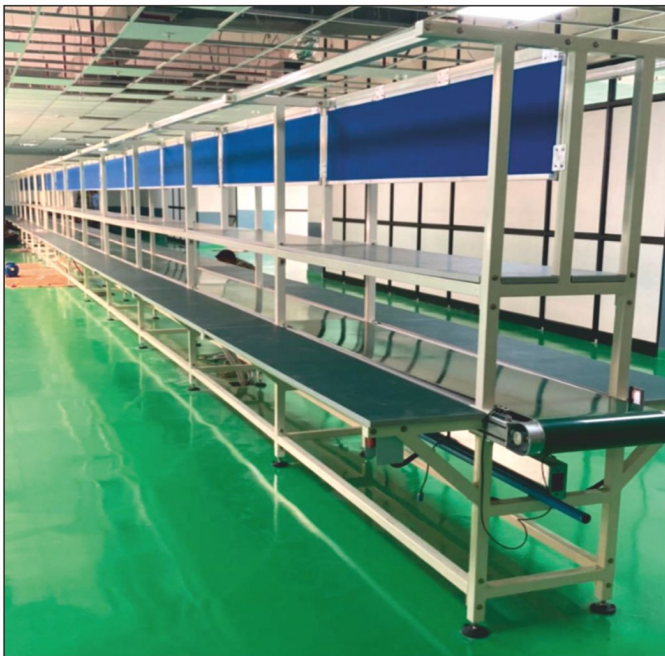
## Assembly Belt Conveyors

### Application

- All Types of LED Lamps/Lights Assembly
- Electrical & Electronics Appliances Assembly
- Small & Light Weight Products Assembly
- Inspection & Packing

### Specification

- Conveyor L x W X H can customised as per customer requirement.
- Conveyor structure made by 40 x40 Alu. Profile anodized.
- Belt - Imported High Quality PVC/ESD
- Working Table - High Quality 18 mm plywood
- with PVC / ESD Mat.
- Top Structure for Lighting and Instruction display Board Acrylic Blue Colour.
- Tube Lights, Power Socket and Pneumatic Line As per Customer Requirement or to be installed by yourself.



## Flat Belt Conveyors





## Free Flow Pallet Conveyors

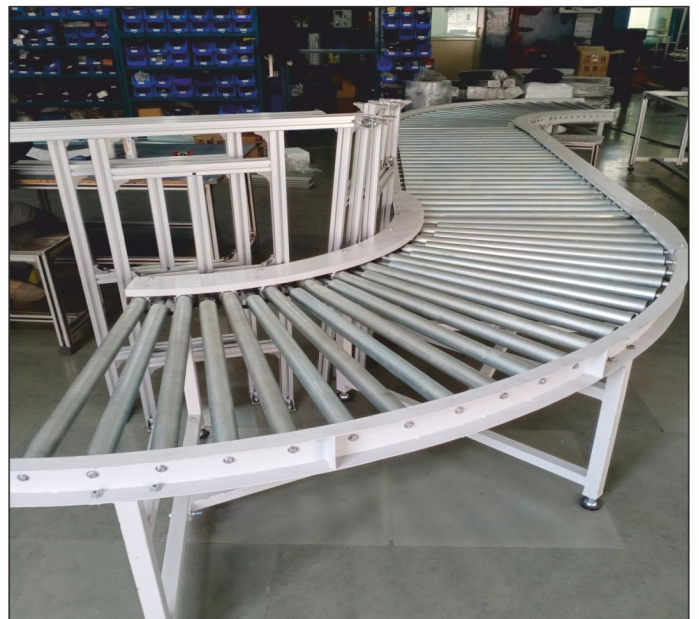


## Modular Belt Conveyors

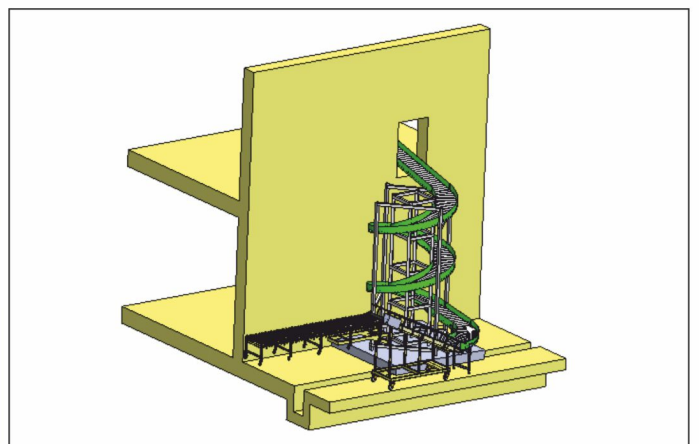
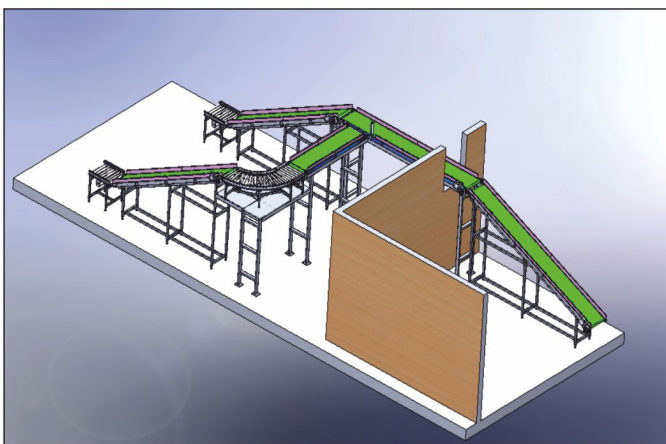




## Roller Conveyors



## FG Transfer Conveyors





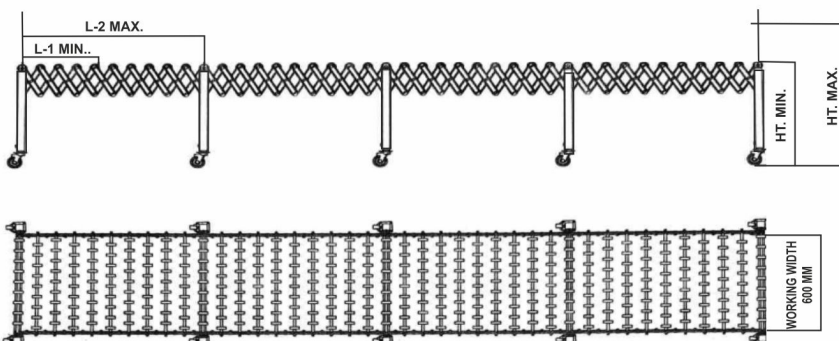


**Roller Conveyor**  
(Max. Extended Length)

Idler roller conveyors have extendable, flexible frames and are commonly used for loading and unloading, temporary assembly lines, and adding length to an existing conveyor. Their according-style frames can stretch, curve, and contract to change the length and shape of the conveyors, and the conveyors collapse for compact Storage

#### Features:

High weight burden Smooth and quiet running Suitable for middle or big items Impact Resistant Adjustable Height



**Skate Wheel Conveyor**

| Model  | Conveyor Width | HT Min. (mm) | HT Max. (mm) | HT Max. (mm) | Single Retracted L1 (mm) | Extended Length L (mm) | Load Capacity (kg/m) |
|--------|----------------|--------------|--------------|--------------|--------------------------|------------------------|----------------------|
| FEC-01 | 600            | 625          | 925          | 925          | 400                      | 4000                   | 50                   |
| FEC-02 | 400            | 625          | 625          | 295          | 400                      | 4000                   | 50                   |

## Inclined Conveyors



## Slat Chain Conveyors





## Products

### Assembly Work Stations

## Application

- All Types of LED Lamps/Lights Assembly
- Small & Light Weight Products Assembly
- Electrical & Electronics Appliances Assembly
- Inspection & Packing

## Specification

- L x W X H can customised as per customer requirement.
- Frame Made By 40 x40 Alu. Profile anodized, M.S./Powder Coated and SS-202/304.
- Working Top - High Quality 18 mm Plywood
- with PVC / ESD Mat and SS also.
- Top Structure for Lighting and Instruction display Board Acrylic Blue Colour.
- Tube Light and Power Socket As per Customer Requirement or to be installed by at your end.



## Products

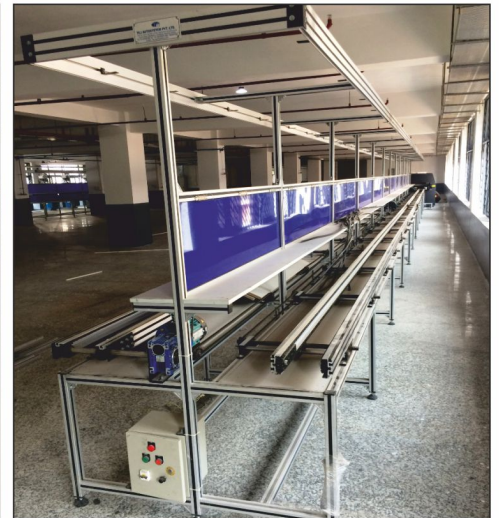
Motorised Manual Insertion Conveyors

## Application

- All Types of PCB Assembly
- LED Lighting, Electrical & Electronics Appliances

## Specification

- PCB Size - 50 mm to 300 mm
- Conveyor Length as per customer requirement.
- Conveyor Structure Made By 40 x40 Alu. Profile anodized.
- Top Structure for Lighting and Instruction display Board Acrylic Blue Colour.
- Tube Light and Power Socket As per Customer Requirement or to be installed at your end.



**Cooling and Connecting Conveyors**



**Cooling Conveyors**



**Connecting Conveyors**



## Products

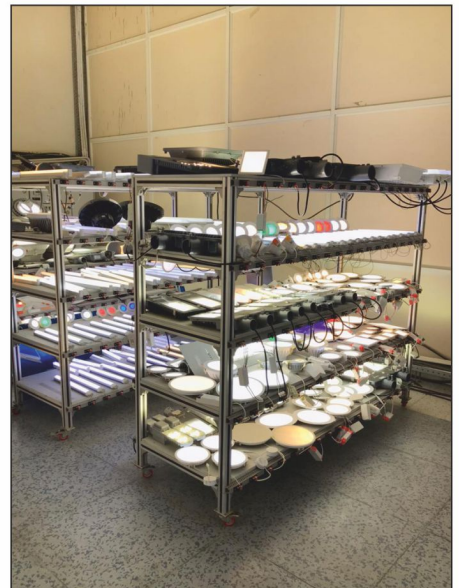
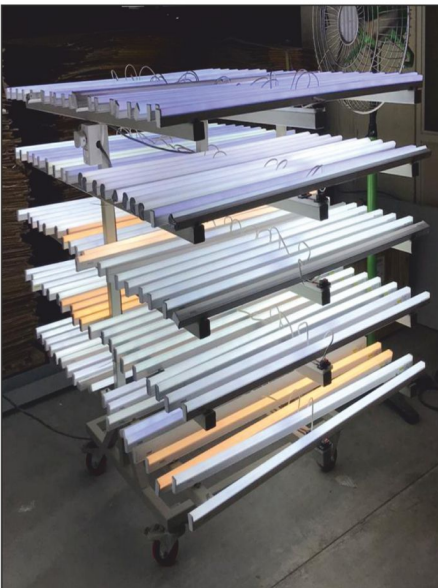
Aging Racks & Trolley for LED Lights

## Application

- Aging For LED Tube Light (Batten), LED Street Lights, LED Down lighters, LED Bulb LED Panel Lights.

## Specification

- L x W X H can customised as per customer requirement.
- Frame Made By 40 x40 Alu. Profile anodized, M.S./Powder Coated
- Top - High Quality 18 mm Plywood with PVC / ESD Mat or power coated Top
- Testing Parameters - as per requirement customer.



# Aging Conveyor For LED Bulb

## Products

Aging Conveyor For LED Bulbs

## Application

- LED Bulb Aging

## Specification

- Conveyor Size L=4500 x W=1400 X H=1200
- Conveyor structure made by 40 x40 Alu. Profile anodized.
- Conveyor Chain - 1" Pitch with Mounting attachment
- Slat Size - Width=200 x Length=1220 M.S. Powder Coated
- Total No of Bulb Holder - 1419 Nos
- Holder Type - B-22
- Single Phase Bus Bar System For Slat Connection
- Power Connector - Roller Type
- Motor 1/2 HP With Double Reduction Gear Box
- Speed : Adjustable by Frequency control system - As per Aging Time.
- Aging Parameters - 6 Zone Voltage control independently with 1 Zone Switching & can also be custom according to customer requirement.

| Zone | Voltage Range | Max. Load                 | Variac Rating    |
|------|---------------|---------------------------|------------------|
| 1    | 100V to 140V  | 35 Apm at 100V            | 50 Amp           |
| 2    | 220V to 230V  | 15 Apm at 220V            | 25 Amp           |
| 3    | 240V to 280V  | 15 Apm at 240V            | 25 Amp           |
| 4    | 0             | Cooling Zone              | No Power         |
| 5    | 220V to 230V  | Switching ON/OFF By Timer | Direct - Input V |
| 6    | 220V to 230V  | 15 Apm At 220V            | 25 Amp           |





## Products

Universal aging conveyor for all LED lights

## Application

Aging For LED Tube Light (Batten), LED Street Lights, LED Down lighters, LED Bulb LED Panel Lights.

## Specification

- Conveyor Size : L-8500 X W-1800 X H-1500
- Conveyor structure made by 40 x40 Alu. Profile anodized.
- Conveyor Chain - 1-1/2" Pitch
- 20 nos aging trolley - size 600x600x500
- Single Phase Bus Bar System For Trolley Connection
- Power Connector - Roller Type
- Motor 1/2 HP With Double Reduction Gear Box
- Speed : Adjustable by Frequency control system - As per Aging Time.
- Aging Parameters - 6 Zone Voltage control independently with 1 Zone Switching & can also be custom according to customer requirement.

## Pallets

- Replicable Pallets for Street light & down lights 20 nos. with 10 nos. NG Switch each pallet.
- Replicable Pallets for Tube Light (Batten) 20 nos. with 25 nos. NG Switch each pallet.
- Total Batten Loaded-500 Nos
- Replicable Pallets for LED Bulb 45 nos. with 25 Holders B-22 Type.
- Total Bulbs Loaded = 1000 Nos Max.

| Zone | Voltage Range | Max. Load                 | Variac Rating    |
|------|---------------|---------------------------|------------------|
| 1    | 100V to 140V  | 35 Apm at 100V            | 50 Amp           |
| 2    | 220V to 230V  | 15 Apm at 220V            | 25 Amp           |
| 3    | 240V to 280V  | 15 Apm at 240V            | 25 Amp           |
| 4    | 0             | Cooling Zone              | No Power         |
| 5    | 220V to 230V  | Switching ON/OFF By Timer | Direct - Input V |
| 6    | 220V to 230V  | 15 Apm At 220V            | 25 Amp           |



## Lazer Marking Conveyor's

### Products

Conveyor for lazer marking on LED Lights

### Products

Conveyor used for marking or printing on led bulb / batten / down lights etc.

### Specification

- Conveyor Size : 2000 X 210 X 850 Mm For Bulb
- Conveyor Size : 2000 X 1300 X 850 Mm For Batten
- Lazer Source to Be Supplied By Costumer
- Conveyor Structure-alu Profile 40 X 40 mm



## Batten Laser Marking Conveyor





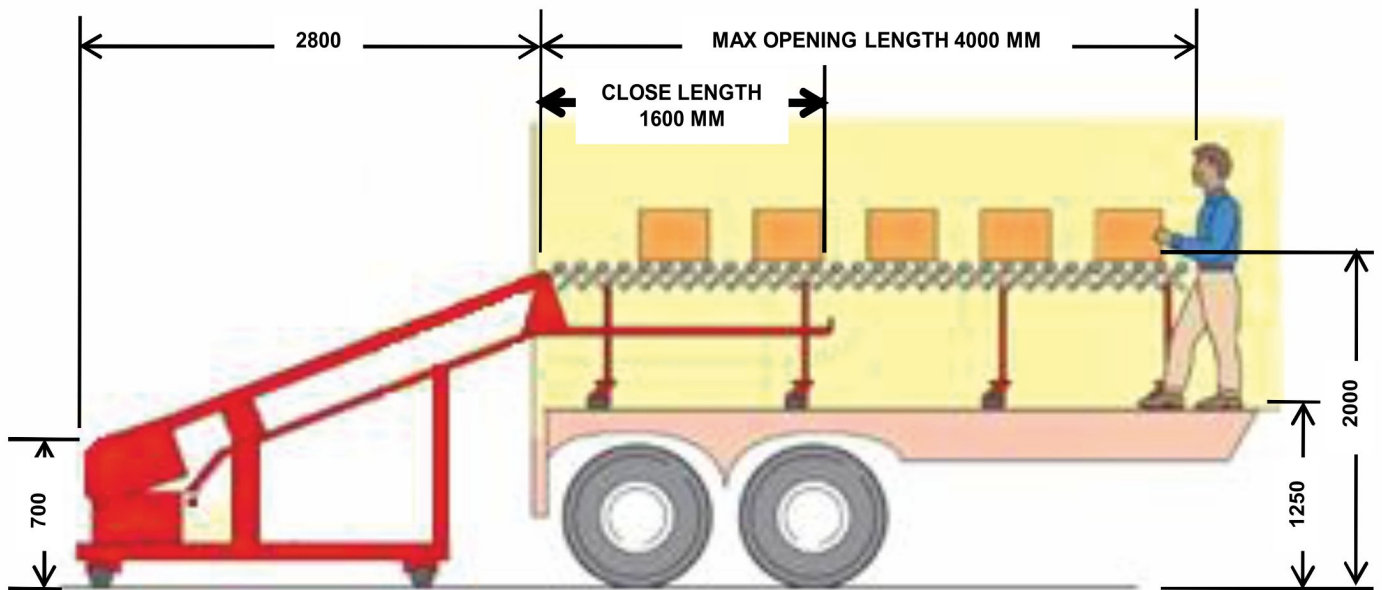
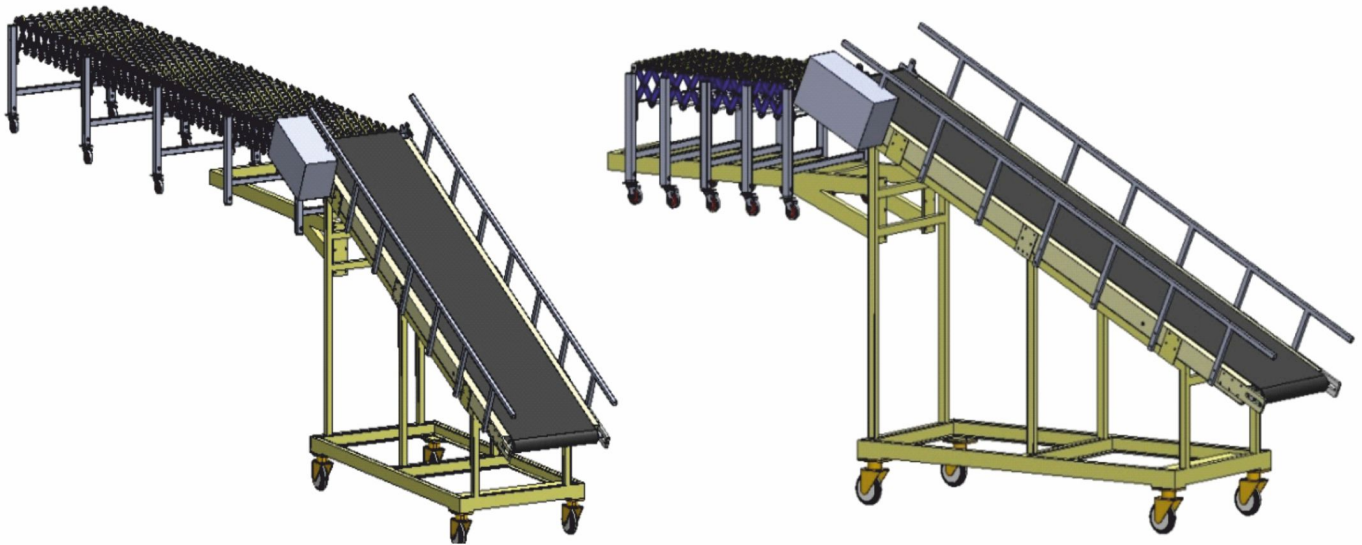




## Material Handling Trolleys



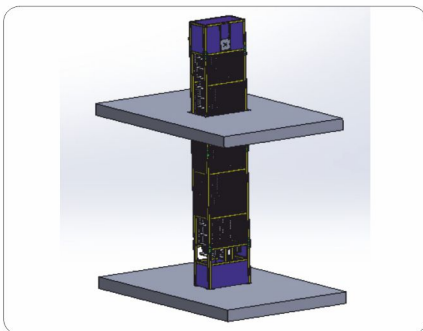
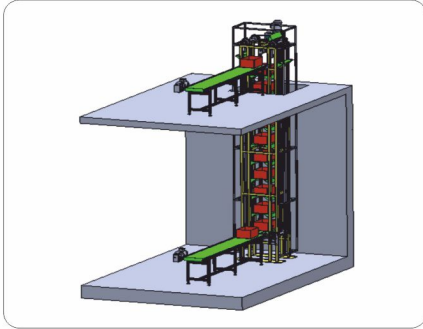




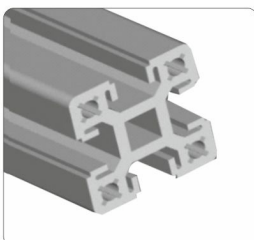
## Specifications

- Belt Width : 600mm
- Belt : Rough Top PVC + Fabric 5mm
- Conveyor speed : 15 Meter per minute
- Speed : Adjustable By VFD
- Construction : M.S. Fabricated steel Frame.
- Swivel castors for easy maneuverability.
- Motor : 0.75kw flange with Gearbox.
- Electrical supply : Single phase supply.
- Controls : Stop/Start/Reverse
- Finish : Powder coated

## Other Products



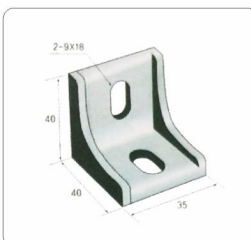
## Aluminium Profile & Fittings



Alu. Profile-40 X 40



T-Bolt with Nut M8 X 20mm



Alu. Bracket-4040



Alu. Profile-40 X 80, 100 X 20



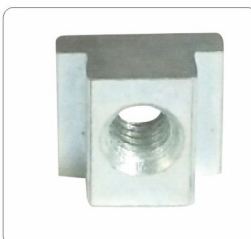
Tool Hanger



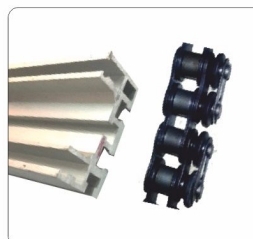
Cover Profile



Levelling Foot



T-Nut M6 & M8



M.I Section & Chain



Free Flow Section & Chain





# About The company

TAPL is an engineering and manufacturing company was formed in 2004. Since then the company has become a principle supplier of Customized Conveyors for Electrical, Electronics, Automobiles, Pharma & Food Industries. We are able to offer you the complete solution of your requirement to meet or exceed all your customer expectations by providing the highest quality products and service on time.



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