



FERROUS
AUTOMATIONS

Private Limited

TELESCOPIC BELT CONVEYOR

BROCHURE

TELESCOPIC BELT CONVEYORS are conveyors whose length can be varied by telescoping slides on the frame. They are popular at receiving and shipping docks where the conveyor is extended into inbound or outbound trailers for unloading or loading. These conveyors are used for loading of boxes and cartons in trucks and containers. They are mostly used in shipping, logistics, distribution centers, airports, warehouses and stations. They are quite easy to set up and very little training is required in order to operate these conveyors. A Telescopic Belt Conveyor is also quite easily adjustable. You can also adjust the height of the extension part to match the height with your truck bed for easy operation.



SOME HIGHLIGHT FEATURES INCLUDE :

- It reduces the loading and unloading time as well as the manpower required by over 60%.
- Fully ground tested in a rough operation environment for 24x7.
- Easy to use and maintain.
- Designed keeping safety as our first priority.
- Drastically increases loading/unloading efficiency.
- Ergonomically designed to enhance ease in operation.
- Sturdy and durable. Built to last.
- Designed to deliver maximum reach.
- Overall premium quality maintained.
- Electrical components of only trusted brands used.
- Customizable exterior colour.
- Variants and models to choose from.
- Helps in safely loading/unloading material without damage.
- Surplus stock of critical spare parts.
- Can be customized as per your applications and needs.

A FEW OTHER FEATURES TO CONSIDER :

Load capacity: 50kg/m

- The TBC can carry upto a load of 50 kilograms at every meter distance. This means that you can load/unload heavy goods with a peace of mind. (Although the weight capacity is high, this does not in any way mean that we encourage walking or sitting on the TBC)

Max belt speed: 35m/min (customizable to 50m/min)

- The TBC's belt can move at variable speeds, covering upto the maximum distance of 35 meters in one minute (can be customized to work upto 50 meters per minute). This directly results in faster loading/unloading and higher efficiency.

Easy control

- Ferrous TBC comes equipped with a simple joystick control at the very front of the TBC along with control buttons for loading, unloading, stop and also emergency safety stop so that one person can operate it easily without assistance.

Hydraulic tilting

- Our conveyor comes equipped with an optional hydraulic system to reduce the hassle of matching the conveyor height with the container height and building expensive high docs for it. The hydraulic system enables the TBC to tilt up for easier handling.

LED front Lights for illumination

- Getting dark and visibility getting low? No worries! Our conveyor comes with a pair of built-in powerful LED lights to eliminate all the darkness from your workspace.

QUALITY AND BRANDS :

- Raw material (steel) : Jindal/TATA/AMNS/SAIL
- Conveyor Belt : Forbo/Equivalent
- Motors : European Brands (SEW/Nord/Bonfiglioli)
- Chain : Diamond/Renold
- Bearings : SKF/FAG/NTN/IKO
- PLC : Siemens/Delta/Equivalent
- VFD : Siemens/Delta/Equivalent
- Switch gears : Schneider/Siemens/Equivalent
- Cables : Igus/Polycab
- Drag Chain : Igus/Equivalent
- Sensors : Pepperl+Fuchs/Sick/Equivalent
- All material is cut on CNC laser with accuracy
- Powder coated for durability
- One piece formed side pressings

SAFETY :

- Safety stickers wherever necessary
- 4 emergency stop switches (1 on panel; 2 on sides; 1 in front)
- Anti-Collision Bumper
- Proximity sensors in front for obstacle detection
- Gap Plates at pinch areas for safety
- Brush on side to prevent entry of dust or external objects
- Tower lamp and buzzer for safety
- Pop-up rollers to avoid accidental operator finger injury
- Underguards for safety (optional)
- End sensor to prevent overflow/falling of goods from the conveyor (optional)

STANDARD SPECIFICATIONS :

Load Capacity

50 kilograms/metre

Belt Width

600/800 millimetres

Standard Belt Speed

Variable 0 - 35 metres/minute

Extension Speed

Variable 0 - 15 metres/minute

Conveyor Length (Extended)

15 metres (510 model)

18 metres (612 model)

Construction

One piece formed side pressings

Belt Motor

2.2 kW gear motor

Belt Type

PVC (3 millimetres)

Optional Belt Speed

Customizable

Extension Motor

0.55 kW gear motor

Conveyor Length (Contracted)

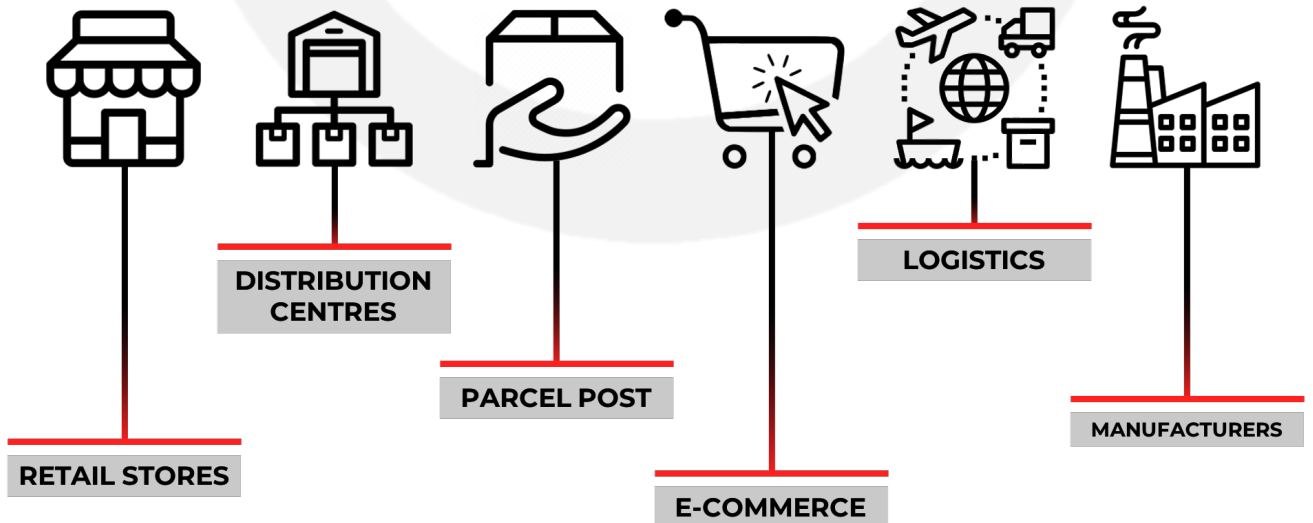
5 metres (510 model)

6 metres (612 model)

Power

AC 3 phase 440V

GENERAL APPLICATIONS :





**TO BE OUR HAPPY CUSTOMER,
CONNECT WITH US AT:**

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