

TELESCOPIC CONVEYOR



Techno Drive Telescopic conveyors are used in many areas for loading & unloading boxes, cases, bags etc. from containers (both 40 ft & 20 ft), trucks, trailers etc.

Loading & unloading operations could be performed safely, quickly and efficiently by moving the telescopic boom forward & backwards also by changing rotation of belt either forward or reverse. The conveyor enters completely into the truck & it could be gradually retracted / extended / raised / lowered during loading or unloading process according to operator's convenience through the front or main control panel. These conveyors are normally mounted on the ground at the loading / unloading bays.

TELESCOPIC CONVEYOR

Features:

- Belt & telescopic(boom) drives are electrically operated, whereas raising / lowering mechanism is by hydraulic.
- Belt speed & telescopic speed could be varied by VFD (Variable Frequency Drive).
- **Loading capacity** of the conveyor is upto **50 – 60 kg** per linear metre.
- Main control panel placed at the side of the conveyor & remote panel is at the front end having **safety bar**. Front remote panel supply is 24 V DC to prevent electric shock.
- **Head lamps** provided on the front panel for visibility inside the containers.
- **Roller conveyors** are provided at the feed end for smooth loading of the boxes.
- Conveyors can be manufactured in **two / three stage extension** booms depending on the extension length required.
- **Optional features** such as box counters & belt stop when product reaches the discharge end to prevent falling from conveyor, could be provided on request.

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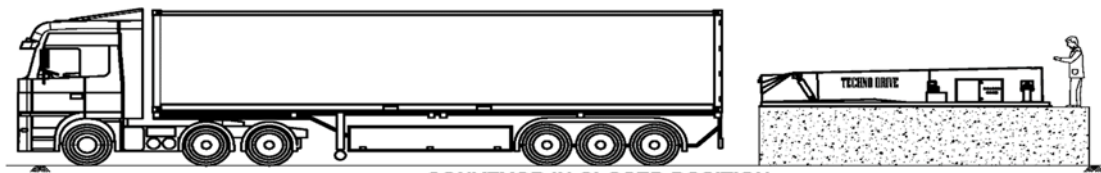


EMERGENCY
BUTTON SAFETY BAR

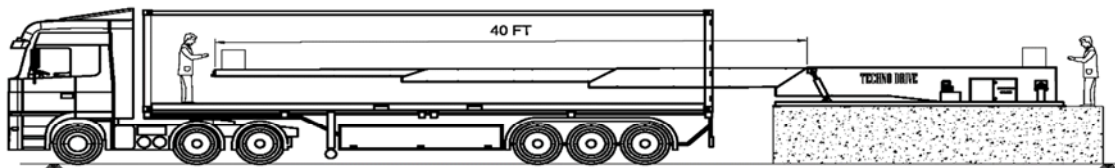
CONTROL UNIT IN FRONT OF THE CONVEYOR WITH SAFETY
BAR AND LIGHTS FOR LIGHTING INSIDE OF THE TRUCK
LIGHTS



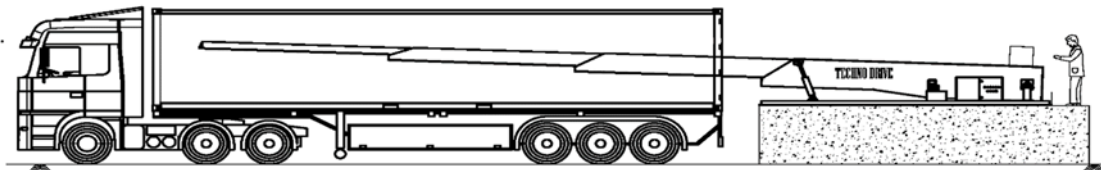
CONTROL PANEL UNIT (WITH VARIABLE FREQUENCY DRIVE)



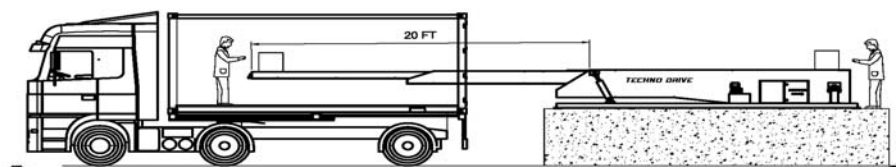
CONVEYOR IN CLOSED POSITION



CONVEYOR IN EXTENDED POSITION



CONVEYOR IN EXTENDED & INCLINED POSITION



CONVEYOR IN EXTENDED POSITION

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SPECIFICATONS:

MODEL NO.	BELT WIDTH	STAGES	CLOSED LENGTH	EXTENSION LENGTH	TOTAL LENGTH
TDY 620	600 mm	2	6 m	6 m (20 Ft)	12 m
TDY 820	800 mm	2	6 m	6 m (20 Ft)	12 m
TDY 640	600 mm	3	6 m	12 m (40 Ft)	18 m
TDY 840	800 mm	3	6 m	12 m (40 Ft)	18 m

TELESCOPIC CONVEYOR APPLICATION:

- ❖ Loading & unloading in [Warehouses](#), [Logistics](#), etc.
- ❖ Loading bags, carton boxes, etc. in [Food & Packaging industries](#).
- ❖ [Tire industries](#) for loading and unloading tyres into containers.
- ❖ Loading and unloading of cases and bags at [Sea ports](#), [Airports](#), etc.
- ❖ Loading and unloading of fabric bales, roll, boxes, etc in [Textile industries](#).

ADVANTAGES:

- ✓ **Manpower Saving:** There is huge man power savings by using telescopic conveyors, which requires minimum 2 labours whereas the conventional loading requires at least 7-8 personnel for the same application.
- ✓ **Man Hour Saving:** Time taken to load the conveyor is very less compared to the convention method of loading.
- ✓ **Less or No product damage:** There is hardly any possibility of dropping the box, hence no damage to the product; whereas in conventional loading there is frequent box & product damage.
- ✓ **Better operator working condition** as there is no fatigue & also it is very safe to use.
- ✓ **Very less or No maintenance cost** hence low operating cost & good return on investment.



OTHER TYPES OF CONVEYORS:

- ❖ Belt Conveyors.
- ❖ Chain Conveyors.
- ❖ Drag chain Conveyors.
- ❖ Pneumatic Conveyors.
- ❖ Bucket Elevators.
- ❖ Screw Conveyors.

OTHER MANUFACTURED PRODUCTS:

- ❖ Blenders, Agitators & Mixers.
- ❖ Spray Dryers.
- ❖ Machine Automation.
- ❖ Warehouse Automation.
- ❖ Leak Detectors.