



## **REDUCE LOADING AND UNLOADING TIME BY 50%**

Telescopic conveyors provide ease of loading and unloading of products such as parcels, sacks and tires and bulk loads, reducing the loading and unloading time up to 50%. It becomes an extension of your workforce by reducing the loading and unloading times of trucks, lorries and pickup trucks. Telescopic conveyors extend and retract to reach the depths of the loaded vehicle, and with its ergonomic operation, it provides stress-free and ergonomic operation for the operators.

### **The advantages of the telescopic conveyor:**

- Reduces unloading time by 50%
- Healthy working conditions with improved ergonomics
- ROI in less than 2 years

### **Quality:**

Our conveyors, which are made of high strength steel guarantees robust and maintenance free product life cycle for the body frame.

### **Safety:**

Operational gaps are kept in minimum. Chains and all other moving parts are placed inside the conveyor's cabin. All parts and assemblies are designed and mounted according to IBC or OSHA standards.

### **Service:**

Professional technical services of Oncu Conveyor and spare parts management system ensures the best production and service continuity for our customers.



## Hydraulic Piston

The conveyor provides ergonomic working conditions with its hydraulic piston system. It gives opportunity to change the conveyor working angle up to 10 degrees. Operator can easily adjust the height of the conveyor using the control buttons in front of the conveyor.



## Hood Transfer

Installing a hood transfer on the conveyor elevates the belt and transfer parcel to the following conveyor belt. This option provides smooth transition of the parcel between conveyors.



## Operator platform

During loading and unloading, it is a platform which is mounted in front of the telescopic conveyor, on which the operator will stand. With the control buttons in front of the conveyor, the controls of the telescopic conveyor can be done easily by it while inside of the platform and it creates an ergonomic operating environment.



## Elevated chassis

If the ground level of the vehicle and the telescopic conveyor are the same, an elevation difference between the vehicle and the conveyor will occur. With the elevated chassis option, the elevation difference is removed and loading and unloading becomes possible for the intended ergonomic working conditions.

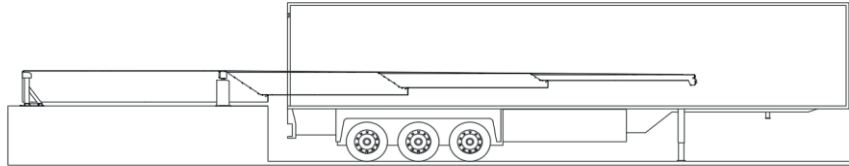
## **Other Options**

- Gravity Roller conveyor (only for loading)
- Side protective barrier
- Feeder conveyor
- Rail and track (with motor or manual)
- Operator platform
- Light bar
- Over-flow sensor
- Oversize sensor
- Vacuum gripper
- NO-GO barrier
- Heating – cooling fan
- Extra-high strength top plate
- Snoot
- Flow control sensor
- Accumulation, feed and continuous mode switch
- Feet protection cover
- Bended boom (fixed)
- Bended boom (hydraulic)

### LAYOUT VARIATIONS

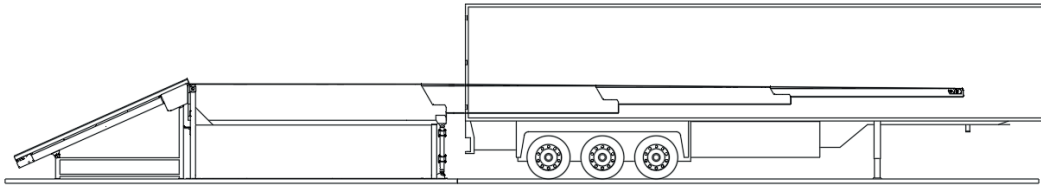
#### 1. Regular installation

Comes with separate foot connections and mounted directly onto factory floor.  
This installation type is suitable for docks and loading ramps.



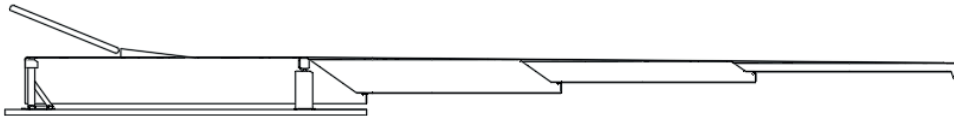
#### 2. Elevated chassis and ramp conveyor

Elevated chassis and ramp conveyor for warehouses without dock and loading ramps.

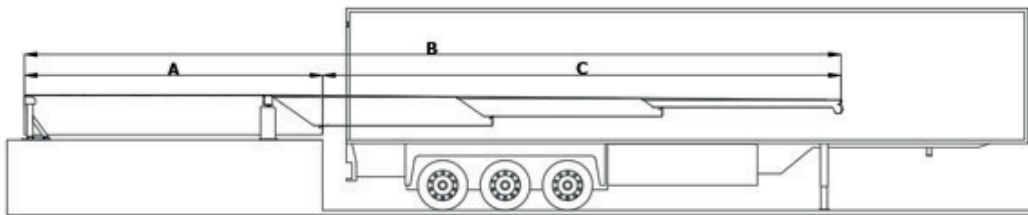


#### 3. Hood transfer

Installing a hood transfer on the conveyor elevates the belt and transfer parcel to the following conveyor belt.  
This option provides smooth transition of the parcel between conveyors.



### Dimension Table



MODEL	TELESCOPIC MAIN FRAME (MM)	NUMBER OF TELESCOPIC BOOMS			TOTAL LENGTH (MM)	BELT WIDTH (MM)
		1	2	3		
ONC-4	4.000	2000	4000	6000	4.000+C	600 - 800 1000
ONC-5	5.000	3000	6000	9000	5.000+C	
ONC-6	6.000	4000	8000	12000	6.000+C	
ONC-7	7.000	5000	10000	15000	7.000+C	

All sizes are mm.

Standard size chart.

Please contact for special sizes requested other than the standard size table.

## Design Parameters

The body structure of telescopic conveyors, in accordance with the logistics and cargo area conditions, is made of high strength steel. In terms of ergonomics, the conveyor's height can be easily adjusted the at the intended level with the help of hydraulic pistons. Roller bearing pulleys are used for the proper functioning of the booms ensuring long life and low maintenance. In terms of safety, the machine has a compact structure and all the moving parts, operational gaps and the bottom is covered.

## Technical Data

Belt Width:	600 - 800 - 1000 mm	Color:	RAL color palette
Belt type:	PVC Belt (Project specific)	Options:	According to work conditions
Belt direction:	Loading or unloading		- Gravity Roller conveyor (only for loading)
Belt drive:	Geared motor - drum motor		- Side protective barrier
Telescopic movement:	geared motor		- Rail and track (with motor or manual)
Payload:	50 kg / m		- Feeder conveyor
Power source:	380/400 VAC, 50/60 HZ		- Operator platform
Control power source:	24 V		- Light bar
Command control:	Both sides in front of the conveyor		- Over-flow sensor
	- Belt movement / loading - unloading		- Oversize sensor
	- Telescopic movement / back - forward		- Vacuum gripper
	- Hydraulic movement / up - down		- NO-GO barrier
	- Front light / On-off		- Heating – cooling fan
	- Emergency stop button		- Snoot
Electrical Panel:	Behind the conveyor (Project specific)		- Flow control sensor
Safety features:	- Conveyor bottom and all moving parts are covered.		- Extra-high strength top plate
	- Safety bar in front of the conveyor		- Accumulation, feed and continuous mode switch
	- Pinch point protection		- Feet protection cover
	- Back and forward limit switches for telescopic booms		- Bended boom (fixed)
	- Upper and lower limit switches for hydraulic movement		- Bended boom (hydraulic)
	- Optional buzzer (with warning light)		
Emergency stop:	2 units in front of the conveyor - 1 unit behind the conveyor		
Noise level:	65dbA (Compliant with ISO1996; value measured at a distance of 1m)		

