

Stacking Conveyor

Our design based on latest handling equipment technology to achieve a range of normal duty to heavy duty belt conveyors, Capacities reach to 1,000 m³/Hr. for different material and bags.

Main features

Drive station

Including head pulley equipped with heavy duty bearings, Driving unit (Geared motor)

Tension unit (Screw type)

Tension unit, which provides the pre-tension to the belt to avoid both belt slip at drive drum and sag between idlers.

Longitudinal frame

Frame carrying (Upper, Lower rollers, Rubber belt...etc.) which shaped as the profile of the conveyor usually manufactured of steel hot rolled section

Trough set

The upper troughing sets are used in a troughing arrangement, so that the carrying belt may transport a much greater amount of material than it could if the belt was flat.

Movable mechanism

Including movable support, frame, lifting jack and a movable car witch travel a long the frame to make the conveyor reach wide range of inclination angle.

Accessories

- Side Skirts to adjust conveying material along its path till discharge point.
- Upper / lower self-centralizing sets to adjust the rubber swaying "If any".
- Set of sensors (Zero speed, Drift Switch, Emergency stop switch...etc.).
- Scrubbers located at head and tail stations.



Capacity (m³/Hr.)	Up To 1,000	Length (m)	Up to 37 m
Width (m)	Up to 4	Hight (m)	Up To 18
Casing Surface Treatment "Acc. to application"	Painted Pre-galvanized. Hot-dip galvanized Stainless steel	Speed (m/sec.) "Acc. to application"	Up To 1.6 flat belt Up to 2.4 chevron belt

No.	Item Description
1	Conveyor frame
2	Wheels frame
3	Movable support
4	Movable car
5	Fixed support
6	Pulleys
7	Driving unit
8	Front Wheels
9	Cylinder
10	Rear Wheels
11	Tension unit
12	Upper Rollers
13	Return Rollers
14	Rubber Belt
15	Heavy Duty Bearings

