

Belt Conveyor - Cone Crusher



Belt Conveyor

Application:

The belt conveyors consist of standard parts, which are advanced and simple in structure, easy to maintain. Our belt conveyors are adaptable for stationary and mobile crushing plants. They are widely used in mining, metallurgical and coal industry to transfer sandy or lump materials, or packaged materials. According to different transferring equipment, the transfer system can be one independently or multi-conveyors or combined with other transfer equipments. The belt conveyor can be installed horizontally or aslope to meet the needs of different transfer lines.

Features and Benefits of Belt Conveyor:

The belt conveyors produced by SJLC can be operated in the temperature situation ranging from -20 to +40 . The temperature of transferred material by this belt conveyor should be lower than 50 . The types of the belt conveyors produced by SJLC are as follows:

1. Divided by Driving Method

a. STD-Mechanical Drive. It's driven by cycloidal pinwheel reducer (with outdoor motor) and chain-drive mechanism.

b. STDJ Mechanical Drive Series. It adopts upside-down reducer and belt-drive mechanize.

c. STD-Electric Rotor Drive Series. It's driven by electric rotor.

2. Divided by Installation Methods

- a. Fixed Series. It's directly installed on foundation.
 - b. SDY-Portable Series. It can be easily and freely moved and the capacity can be adjusted.
3. Divided by Structures

The belt conveyors produced by SJLC have three different structures.

- a. U-steel
- b. Frame
- c. Truss

NOTE:

There are two kinds of conveyors, one equipped with repairing walkway while the other without. When ordering the machine, the customers should give us clear instruction.

Specification of Belt Conveyor:

Belt Width(mm)	Belt Length (m) /Power (Kw)				Belt Speed(m/S)		Capacity(t/h)				
400	≤12/1.5	12	20/2.2	4	20	25/3.5	7.5	1.3	1.6	40	80
500	≤12/3	12	20/4	5.5	20	30/5.5	7.5	1.3	1.6	40	80
650	≤12/4	12	20/5.5		20	30/7.5	11	1.3	1.6	131	323
800	≤6/4	6	15/5.5		15	30/7.5	15	1.3	1.6	278	546
1000	≤10/5.5	10	20/7.5	11	20	40/11	12	1.3	2.0	435	853
1200	≤10/7.5	10	20/11		20	40/15	30	1.3	2.0	655	1284

NOTE:

1. The capacity in the above table is calculated under the following conditions: the density of the transferred material is 1.0t/ m³ ~ 1.6t/ m³, the transferring angle is ≤18°, and stacking angle of the transferred material is 30°.
2. The belt conveyor is used to transfer the material the density of which is less than 2.5t/ m³.
3. The length of the belt conveyor is limitless. We can design and manufacture it according to customers' special requirement.
4. This specification is just for reference, any changes are subject to the products.