

Belt Conveyer

The belt conveyer is advanced and simple in structure, easy to maintain. Its transfer capacity is high, transfer distance is long. They are widely used in mining, metallurgical and coal industry to transfer sandy or lump material, or packaged material. In many situation, it is a very important component of nonstandard machinery.



Features and Benefits:

The belt conveyors produced by SJLC can be operated in the temperature situation ranging from -20°C to $+40^{\circ}\text{C}$. The temperature of transferred material by this belt conveyor should be lower than 50°C . 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 II Mechanical Drive Series. It adopts upside-down reducer and belt-drive mechanism.
- 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

The conveyers which are produced by SHIBANG consist of standard parts, which are advanced and simple in structure, easy to maintain. They are widely used in mining, metallurgical and coal industry to transfer sandy or lump material, or packaged material. According to different transferring equipment, the transfer system can be one independently or multi-conveyers or combined with other transfer equipments. The belt conveyer can be installed horizontally or aslope to meet the needs of different transfer lines.

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Application:

Technical Data:

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: This specification is just for reference, any changes are subject to the Belt Conveyor products.

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