



## Belt Conveyor

The [belt conveyer](#) consists of standard parts, which are advanced and simple in structure, easy to maintain. Our vibrating equipment is adaptable for stationary and mobile crushing plants. The belt Conveyor 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 multiconveyers or combined with other transfer equipments. The belt conveyer can be installed horizontally or aslope to meet the needs of different transfer lines. The belt conveyers produced by SJLC can be operated in the circumstance temperature range from 20 centigrade to +40 centigrade. The temperature of transferred material by this belt conveyer is lower than 50 centigrade.



### Feature Of Belt Conveyor

- 1)High capacity
- 2)Standard parts
- 3)Simple structure
- 4)Easy Maintenance



## How belt conveyor works?

The [belt conveyors](#) are the most commonly used powered conveyors because they are the most versatile and the least expensive. Product is conveyed directly on the belt so both regular and irregular shaped objects, large or small, light and heavy, can be transported successfully. B Systems uses only the highest quality premium belting products, which reduces belt stretch and results in less maintenance for tension adjustments. Belt conveyors can be used to transport product in a straight line or through changes in elevation or direction. In certain applications they can also be used for static accumulation or cartons. Generally, this philosophy calls for belt cleaners that are: As far forward (as close to the conveyor discharge) as possible. Positioned out of the material flow. Designed to minimize risk to belt, splice, and cleaner itself. Designed to stand up to “worst case” conditions.

Designed for ease of maintenance, including simple blade replacement and reduced frequency of re-tensioning, Belt conveyors are available with either rollers (roller belt) or a solid surface (slider bed) to support the carrying belt. When the materials fall down on the conveyor, the roller under the belt will drive the belt come forward. In this way, we convey the stuff.

## Technical Data Of Belt Conveyor

Type bearing roller	Belt speed (m/s)	Belt width(mm)				
		650	800	1000	1200	1400
		Transport(t/h)				
Handling rate	0.80	104	-	-	-	-
	1.00	131	278	435	655	891
	1.25	206	318	544	819	1115
	1.60	264	445	696	1048	1427
	2.00	323	646	853	1284	1748
	2.50	391	551	1033	1556	2118
	3.15		824	1233	1858	2528



Shanghai Yuanhua [Crusher](#) Machinery: E-mail :shyhlq@crusher-mill.com

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## Contact Us

**Add: Gucun Industrial Park, Shanghai, China**

**Zip: 201907**

**Tel: 0086-21-36040745**

**FAX: 0086-21-33854292**

**E-mail: [shyhlq@crusher-mill.com](mailto:shyhlq@crusher-mill.com)**

**Website: <http://www.crusher-mill.com>**