

HXJQ[®]

China Largest Mining Machinery
Manufacturer

Operating Instruction

BELT CONVEYOR



Henan Hongxing Heavy Machinery Co., Ltd.

The Application and Features of Belt Conveyor:

Belt conveyor has the advantages of big conveying amount, simple structure, convenient maintenance and standard spare parts. It has

been widely used in many industrial departments such as mine, metallurgy and coal for transporting bulk materials and piece articles.



The Structure Composition of Belt Conveyor:

The belt conveyor is mainly composed of rack, conveying belt, belt roller, tension device and driving device. The rack is connected with excellent steel plate, and there are belt roller

and carrier roller for driving and supporting the conveying belt, and there are two driving methods: reduction motor drive and motorized pulley drive.

Characteristics:

Processing ability: 78–2195 t/h

Belt width: 500–1600 mm

Length: 0–40 m

Conveying speed: 1.3–2.0 m/s

Applied material: coal, gravel, sand, cement, chemical fertilizer, food, etc



Features

The Belt Conveyor adopts the motorized pulley with high efficiency, simple structure, adjustable height and easy maintenance. There are universal wheels installed at the bottom of the conveyor, which makes it flexible to move. Customers can directly drive the conveyor in and out of the warehouse and can change its practical length and lifting height according to the actual field condition.



Working principle :

The belt conveyor is mainly composed of rack, conveying belt, belt roller, tension device and driving device. The rack is connected with excellent steel plate, and there are belt roller and carrier roller for driving and supporting the conveying belt, and there are two driving methods: reduction motor drive and motorized pulley drive.

Technical data :

Belt width (mm)	Conveying length(m) Power(kw)			Conveying speed (m/s)	Conveying capacity(t/h)
	≤12 ----- 3	12-20 ----- 4-5.5	20-30 ----- 5.5-7.5		
500	≤12 ----- 3	12-20 ----- 4-5.5	20-30 ----- 5.5-7.5	1.3-1.6	78-191
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 ----- 11-22	1.3-2.0	435-853
1200	≤10 ----- 7.5	10-20 ----- 11	20-40 ----- 15-30	1.3-2.0	655-1284
1400	≤10 ----- 11	<10-20 ----- 18.5	20-40 ----- 22-37	1.3-2.0	893-1745
1600	≤10 ----- 15	<10-20 ----- 22	20-40 ----- 30-45	1.3-2.0	1069-2195

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- **Pre-sale services: enthusiasm**

We provide you with the prophase plan, process flow design and manufacturer equipment according to your special demand.

- **Sale services: servant**

Send technicians to the jobsite for guiding the installation and adjustment, training operators and finishing the check and accept together with you.

- **After-sale services: faithfulness**

To establish long term friendship, we will regularly pay return visit to customers. Supplying technique, building design, instruction , installation