SYT | Expert in Powder Processing Solutions for 30 Years



BELT CONVEYOR

Large conveying capacity and smooth operation

This equipment, also known as skirt belt conveyor, is a special conveying equipment, mainly used for continuous conveying of materials, especially suitable for occasions that require climbing or inclined conveying. When the conveyor transports materials, it can effectively prevent the materials from sliding down during climbing or tilting, thus ensuring the stability and efficiency of transportation.

The main features are:

- Large conveying capacity
- Simple structure
- run smoothly
- Easy maintenance



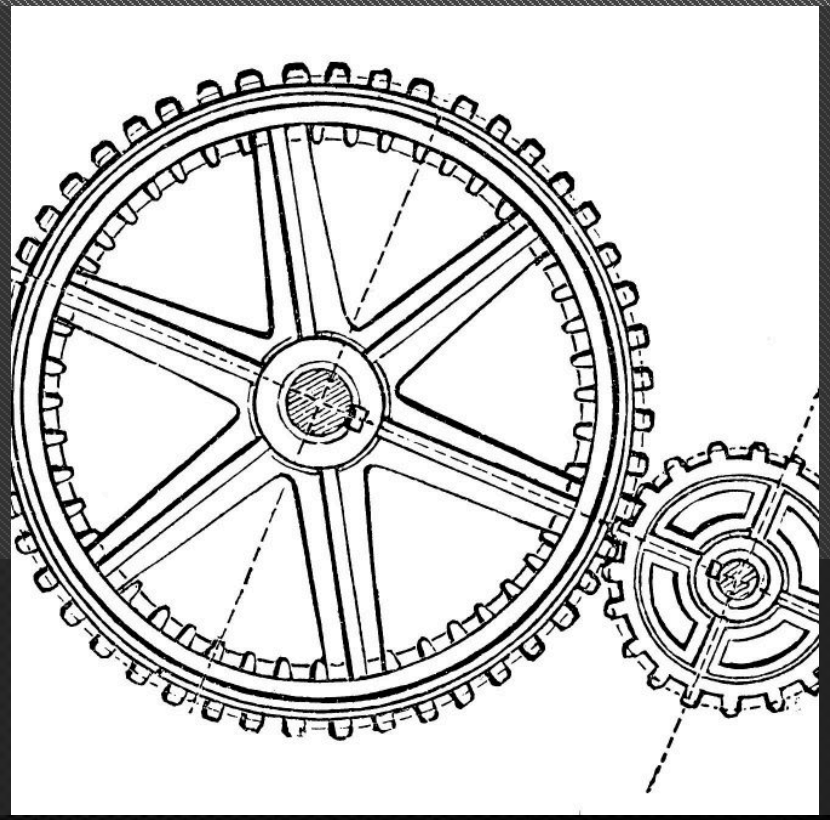






WORKING PRINCIPLE

When the belt conveyor starts, the motor drives the transmission drum to rotate through the reducer. Friction is generated between the transmission roller and the conveyor belt, and this friction is used as a power source to drive the conveyor belt to move. The belt can be designed into different types like common belt,skirt edge belt and hopper belt style.



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PRODUCT STRUCTURE



Transmission wheel

The fixed wheel on the top of the conveyor belt has a tensioning function

conveyor belt

Rubber material, wear-resistant and durable

Bracket

Main upper support

baffle

Prevent materials from slipping

Rubber skirt

Skirt design to prevent materials from spilling

Feed trough

Can be customized in size according to needs

Pressure pulley

Fixed wheel at conveyor belt corner

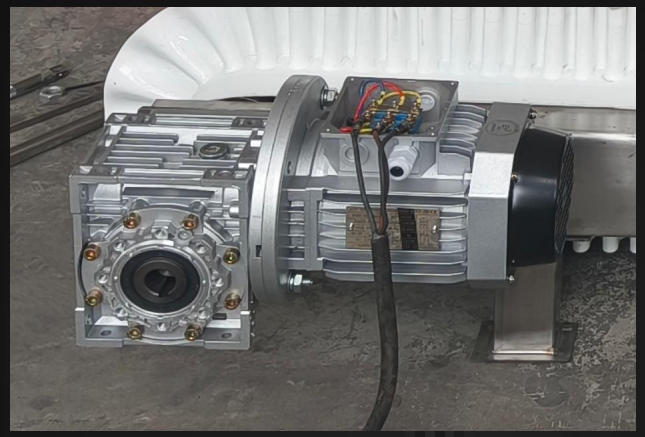
Motor

The main source of power for driving conveyor belts

DETAILS



conveyor belt



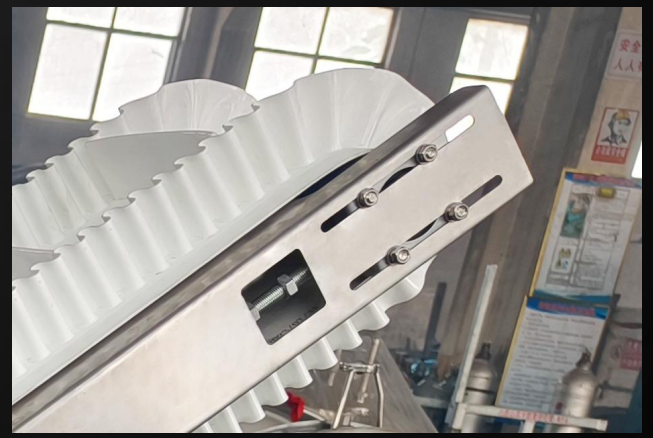
Motor



Pressure pulley

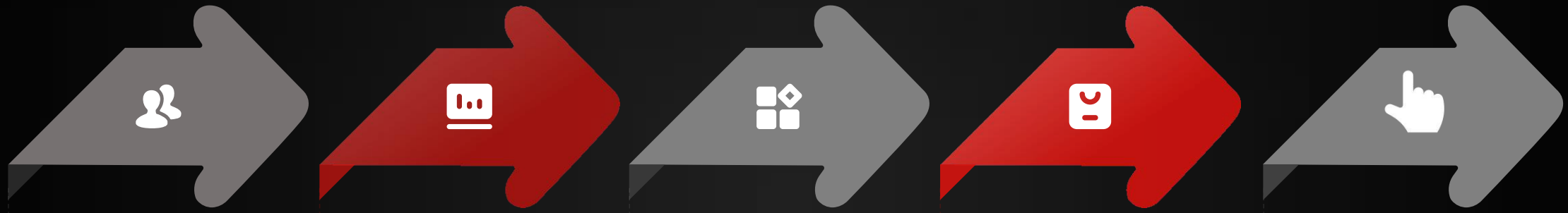


Feed trough



Transmission wheel

FEATURES



It is suitable for various environments and has the characteristics of small footprint and wide range of use.

With powerful output power, it can transport materials to distant places

It has good adaptability, and the conveying speed can be ad usted as needed.

It has low noise and has a buffering function, which reduces the impact and wear of the belt and the equipment.

The equipment has a long service life, low maintenance costs and is easy to maintain.

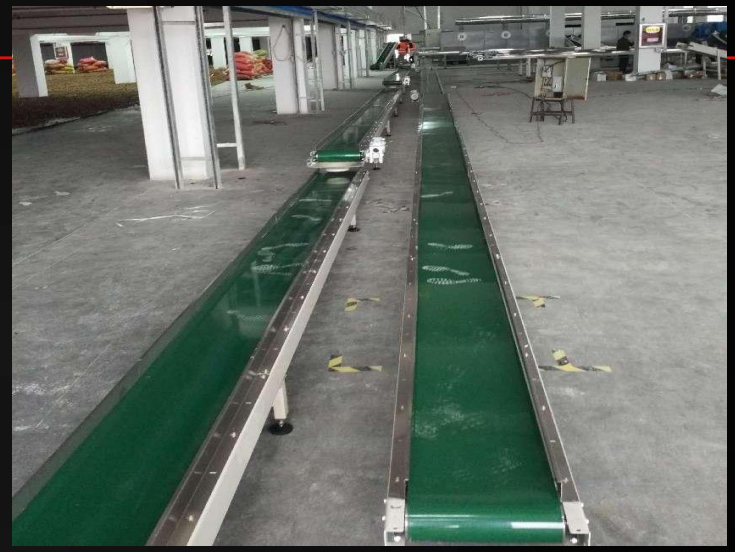
SPECIFICATIONS

Width (mm)	Conveying length (m)/Power(kw)			Transfer speed (m/s)	Conveying capacity(t/h)
400	≤12/1.5	12-20/2.2-4	20-25/4-7.5	1.3-1.6	40-80
500	≤12/3	12-20/4-5.5	20-30/5.5-7.5	1.3-1.6	60-150
650	≤12/4	12-20/5.5	20-30/7.5-11	1.3-1.6	130-320
800	≤6/4	6-15/5.5	15-30/7.5-15	1.3-1.6	280-540
1000	≤10/5.5	10-20/7.5-11	20-40/11-22	1.3-2.0	430-850

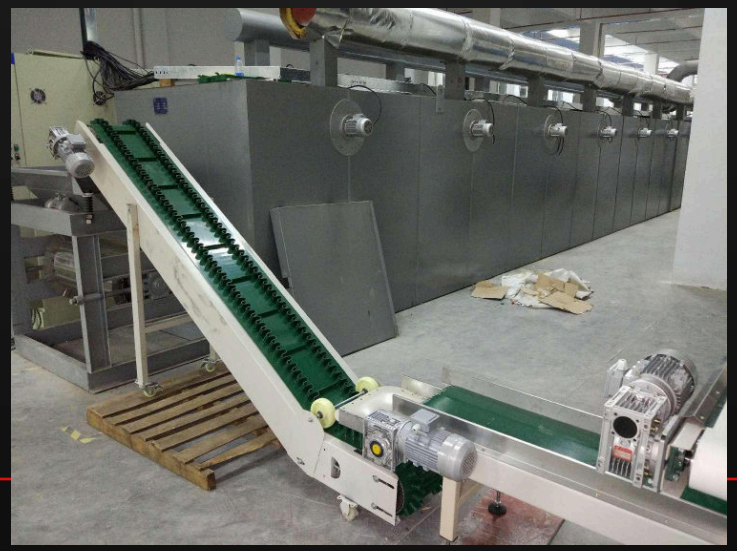
PRODUCT DISPLAY

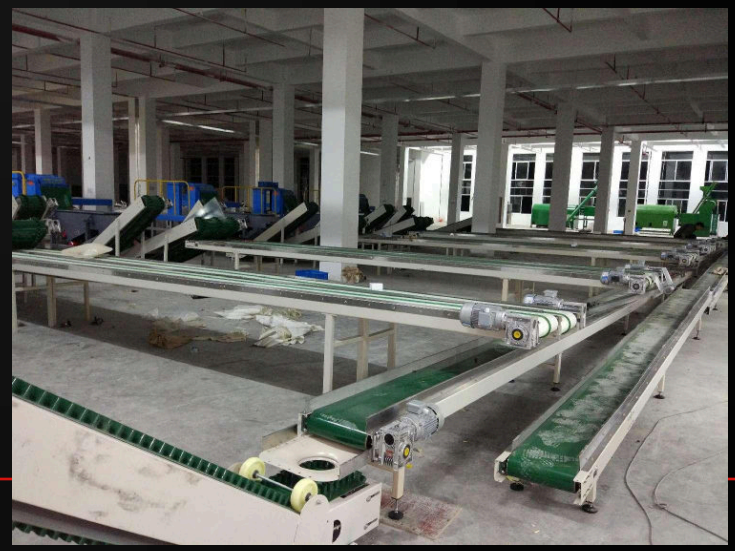












APPLICATION

Chemical Industry	Resin, alkali coating, rubber powder, industrial drugs, traditional Chinese medicine powderrubber particles, cosmetics, aluminum chloride solution, paint, etc.
Food Industry	Sugar powder, soy starch, steviol glycosides, salt, rice flour, rapeseed, milk powder, soy milk, egg powder, soy sauce, juice, etc.
Metallurgical Mining	Limestone, metal ore, cryolite, kyanite, magnesite, mica, quartz sand, quartzite, dolomite, kaolin, silica, graphite, diabase
Pollution Treatment	Resin, alkali coating, rubber powder, industrial drugs, traditional Chinese medicine powderrubber particles, cosmetics, aluminum chloride solution, paint, etc.



















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THE SERVICES WE CAN PROVIDE

Sanyuantang Machine Co., Ltd. has been engaged in foreign trade export for more than 10 years. Its rich export experience ensures that you have worry-free purchasing.

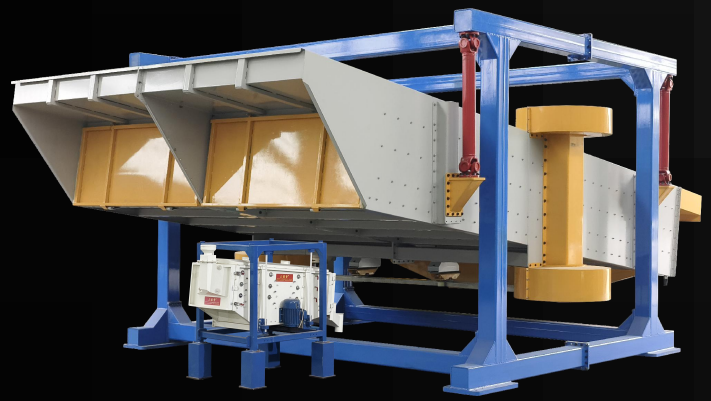
When you cooperate with us, you can enjoy:

① Timely response through various communication tools.

② Professional technical guidance to choose the most suitable product for you.

③ Economical transportation scheme to cut down transportation cost.

④ Thoughful after-sales tracking service from the installation to the daily maintanence.







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