

## SanatMechanic engineering & manufacturing co., Itd.

### **Conveyor System**

1. The belt conveyor is the general band conveyor type finalized, it was the most popular transport models, mainly used in metallurgy, coal, chemicals, building materials industries, etc. conveying the mass density for 0.5-2.5t/m bulk material. this belt conveyor can also be used to transport packaged items.





2. tripper belt conveyor is the general band conveyor type finalized in 1990s, Its characteristics were large volume, strong climbing ability and convenient maintenance, etc, It can not only meet the standard of leveling, lifting and decline transportation requirements, but also the convex arcs, concave arc and linear combination transportation methods.







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## **Conveyor Pulley**

#### 1. Conveyor Driving Pulley

The power transmission member of belt conveyor. Driving pulley surface with bare light steel surface, herringbone and argyle rubber cladding. Low power, small bandwidth and dry environment can be used to bare steel surface. Herringbone tread rubber surface friction coefficient, slip resistance and good drainage properties, but there is directivity. The rhombic rubber surface used for two - way operation of conveyor.





#### 2. Conveyor Bend Pulley

The bend pulley mainly used conveyor belt in the switchback of the end of the conveyor, to increase the the drive the pulley circumference package angle the guide pulley, tension pulleys for tensioning device -oriented pulley. With a compact, light weight, occupy less reliable performance, good look, safe and convenient, can still work in the harsh conditions of dust, wet and muddy.







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# Conveyor Idler/Roller

#### 1. Carrying Idler

Idler steel pipes dedicated high-frequency welded pipe, pipe do to stab processing, roundness control within the tolerance range. Idler shaft is processed according to the standard tolerance of cold-drawn steel manufacturing. Idler bearing imports of cold rolled steel stamping several processes. The idler shell and the bearing housing are welded together to form a high strength of the overall structure of the automatic welding robot. The idler seal with integrated foreign and domestic labyrinth seal features specifically designed to form a unique sealing, filling in the high-speed high-temperature - resistant and ultra-low temperature antioxidant lithium ester, effectively prevent impurities, water, air and on roller internal erosion.

