

BELT CONVEYORS

Time and space clear savings

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Belt conveyors are used in many branches of industry, especially for transportation of tires, boxes, cases, mineral wool, packages, general cargo etc. They are executed in many variants of length, width and heights in accordance with individual requirements of the Client.



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The belt conveyor has characteristic stable structure of supports and frame made of steel profiles. Transporting belt slide on special steel top. At the end of the conveyor the driven and return rollers are assembled. At the bottom part the belt is supported and carried out by supporting rollers, where the quantity depends on the conveyors' length. The drive is transferred from gear motor.

Type of the belt is chosen due to type of transporting element.

We used belts:

- with different surfaces of carry side (polyvinyl chloride, caoutchouc, silicone, urethane)
- with different structure of carry side (smooth, anty-slip, gripp)
- with different types of connections (glued, welded, mechanical connections)
- with different types of special finishing (drivers, wavy edges, key guides).

The special type of those group of conveyors are belt conveyors with module belts. Wide range of module belts available on the market assure its implementation almost in all branches of the industry.

Advantages of module belts:

- mechanical damage resistance
- high temperature resistance
- easy module connections
- possibility of elements buffering
- long durability.

Lifting of belt conveyors is carried out in accordance with clients' requirements: pneumatically, mechanically or hydraulically.

Change of transporting medium direction is carried out by usage of turn tables with external belt conveyor. It is realized by implementation of turning device, where the strip conveyor is build over. Range of turn tables work is: 90°-360°.



Multiple construction solutions of devices



Centering

Displacing systems

Chutes

Directional arm

Custom tighteners

Lifting systems

Weighing systems

Custom equipment

Sealing

Custom construction

Variable length

Special belts