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SECTION: *Modern research and prospects for the development of mechanical engineering.*

Prospects For The Use Of Conveyor-Type Mobile Belt Machines

Various types of conveyors and conveyors are most widely used for transportation, loading and unloading of goods, finished products or materials at different distances (heights). Such machines may have certain design features that depend on the conditions of their operation or the products being transported. Usually, the most used are tape-type installations.

Conveyor-type machines are very common for various types of tasks in the mechanical engineering industry. In particular, they are used in light industry (shoe production, hardware production), for transportation of agricultural products, forestry complex, coal and bearing industries.

A layout with split conveyors, where the loading section has its own conveyor, and the intermediate section has its own, will help reduce the loss of transported material at the point of transfer from the horizontal part to the slope, and will reduce the load on the conveyor belt in the intermediate section. Separation of such a machine into two conveyors will provide better start-up opportunities at a loaded start.

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