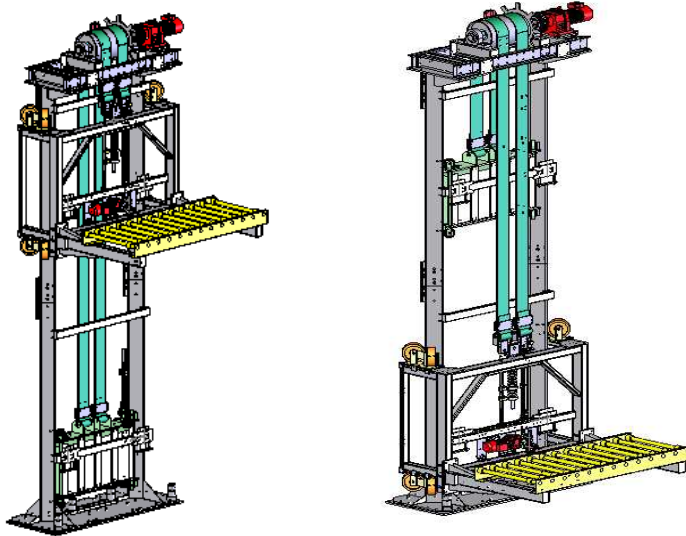
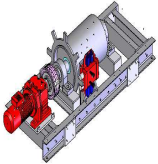


Vertical Conveyor



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The DÖRR lifting conveyor belt allows vertical transport of palettes, lattice boxes and special load porters across several conveyor levels or floors.

The maximum load capacity is 1,500 kg and the max. lifting speed is in the range of 1 m/s (higher weights or speeds on inquiry).

The lifting conveyor belt consists of a rugged 2-column steel construction that is mounted to the ground by means of a base plate. In addition, the post-and-beam structure is mounted to the ceiling penetrations or the ceiling construction depending on lifting height.

The drive unit on top consists of a 3-phase geared motor with brake (with change-pole switching or frequency control), coupling, shifting and driving drum. The driving torque is transferred into the vertical movement of the lifting sled using two special flat rubber belts with Aramidcord tension members over the driving drum. A counterweight is used for reducing the required power.

Employing Vulkollan coated guiding roller renders a very high running smoothness also at higher lifting sled speeds.

For maintenance purposes, the lifting conveyor belt can be mechanically locked through a rig pin device with limit switch monitoring.

Depending on application, the lifting sled can be equipped with chain or roller conveyor or turntable station. The lifting sled can travel to various pick-up and delivery stations on any number of levels and in both directions.

Supply of electric energy to the components arranged on the lifting sled is made via an energy chain.

Wiring to a terminal box as well as wire mesh guard is possible to option.

Further model variants as well as optional equipment is available on inquiry.

