

POWERED LIGHT DUTY CONVEYOR TECHNOLOGY

Vertical conveyor



PRODUCT DESCRIPTION

The vertical conveyor is an automatically operating conveyor system for the vertical transport of load carriers, piece goods, cardboard boxes and containers. Its flexibility makes it possible to approach several levels specifically for picking up or delivering your products. The required load bearing equipment can be freely selected. Preferably, belt conveyors, roller conveyors or toothed belt conveyors are used. The very stable and modular mast structure consists of a torsion-resistant and robust steel construction. A drive motor located at the head or foot end provides the required lifting movement. Depending on the transport weight and lifting speed, the power input of the pick-up carriage is transmitted by a chain or a toothed belt drive.

TECHNISCHE DATEN

Load bearing	max. 500 kg depending on acceleration and speed
Ambient temperature	0 to +50°C
Installation area	dry operation in closed spaces

GENERAL

Lifting height	0 - 7.540 mm
Minimum infeed height	min. 460 mm including conveyor
Maximum outlet height	max. 8,000 mm
Cantilever length	max. 1,000 mm
Total structure height	Outlet height + 1,000 mm

POWER DATA

Hoist drive power	2,2 kW connection for 220/240 - 380/415 V, 50 Hz. protection class IP 54.
Lifting speed	max. 60 m/min depending on acceleration and speed
Drive arrangement	on top / below

SIDE PROFILE

profile frame	C-profile frame: 36 x 160 x 36 mm , powder-coated as desired according to RAL colour** **other materials possible on request
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Special sizes on request