

OHD Overhead Powered Conveyors

Overhead Powered Conveyors are flexible structures with tracks that can be made to change direction in the vertical or horizontal planes, thus offering a flexible solution to handling problems requiring overhead conveyors.

A special chain runs inside the tracks and is driven by a large toothed wheel or by a caterpillar drive depending on the sites characteristics.

Factory :New Borg El Arab 2nd Zone
entrance 2c street 3 - entrance 2c street 5
Tel:+20-(03)-4624127 - 4624126 - 4624025
fax : (03) 4624291

Info@UnitelEgypt.com

Cairo Office : Corniche El Nile, Maadi, Cairo
Tel +20:(0)2-25266333
Fax +20:(0)2-25264888

Sales@UnitelEgypt.com



www.UnitelEgypt.com



[/UnitelEgypt](https://twitter.com/UnitelEgypt)

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Features

The simple and proven construction of the OHD family of overhead conveyors consists of special tracks that house a chain fitted with wheels. Tracks can be made to change direction, thus offering a flexible solution to handling problems requiring overhead conveyors.

Characteristics

Overhead conveyor chains run inside suspended tracks. The tracks are either self-supporting for light loads or hanging from an I-beam steel profile for heavier loads.

Tracks have accessories such as vertical curves or horizontal curves of 30, 60 or 90 degrees.

Other components include tension frames, track openings for loading chains and variable length sections for track length tuning.

The tracks and supports can follow complex closed paths, covering a wide area even across floors.

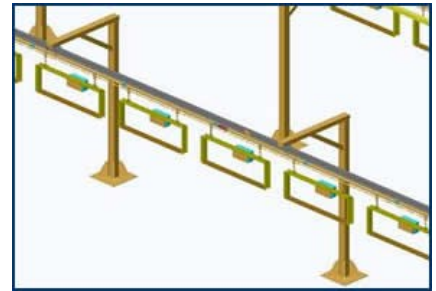
Optionally the conveyors could be fitted with a bus-bar running parallel to the tracks in order to power moving loads. The suspended frames can be supplied with electric power through special electric brush carts running inside special power distribution bus bars.

Applications

OHD Overhead conveyors are used in assembly lines, paint lines, processing lines, and find wide use in warehouses or production floors

They can carry weights of several hundred kilograms, and can be made to change directions both in the horizontal or vertical planes easily.

Overhead conveyors type OHD carrying test equipment for example, can be synchronized with chain conveyors CHA to perform electrical testing while the items are moving along the assembly line.

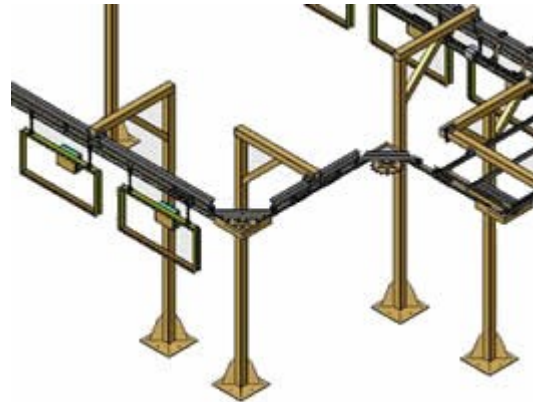


Chain Track and Support



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OHD Specifications



Loading Capacity	1600 N/ cart
Supports	Inverted L-shaped floor supports of 100 mm square profile
Profile	Special support brackets with hangers and butt flanges
Tension Adjustment	Spring Loaded take-up system.
Tension Unit	Special U shaped telescopic spring loaded tension unit
Take-up Distance	500 mm. each side
Drive	Caterpillar fitted with friction clutch for safety
Linear Speed	5 m/min to 15 m/min
Mains Supply	380 VAC +/-10% 50Hz 3 Phase
Motor Power	0.37 kW ~ 2.2 kW depending on length, linear speed and load.
Motor Class	IP 54
Insulation Class	IP 54

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Options	
Floor Supports	Yes
Ceiling Hangers	Yes
Wall Mount	Yes
Bidirectional motion	Yes
Variable Speed Drives	Yes
Stainless Steel Construction	No
Accessories	
Cross Bracing For Supports	Yes
Butt Coupling for Profiles	Yes
Special Sections for chain insertion	Yes
Lubricating Stations Manual or Automatic	Yes
Optical Switches and Controls	Yes
Push Button Station	Yes

مكتب القاهرة : برج القانوين كورنيش المعادى
تليفون : ٢/٢٥٢٦٦٣٣٣
فاكس : ٢/٢٥٢٦٤٨٨٨

مدينة برج العرب الجديدة - المنطقة الصناعية الثانية
يونيتل/ مدخل ٢ ج شارع ٣ - مدخل ٢ ج شارع ٥
تليفون : ٣/٤٦٢٤٤٢٤-٤٦٢٤٠٢٥-٤٦٢٤١٢٦-٤٦٢٤١٢٧
فاكس : ٣/٤٦٢٤٢٩١



www.UnitelEgypt.com

   /UnitelEgypt

Sales@UnitelEgypt.com

Info@UnitelEgypt.com