

Overhead monorail chain conveyor : 1000 Series

Description

The overhead monorail chain conveyor 1000 series is a motorized handling system by track and chain.

Loads are carried by the conveyor chain. The chain speed can be continuous with speed variation or step by step.

The overhead conveyor chain is characterized by its easy adaptation to sinuous routings. Works of loading and unloading of transported parts by the aerial conveyor may be realized automatically, for example by industrial robots. Supports of transported parts may be designed by CONVOYNORT's team. To protect against dirt falling from the track the aerial conveyor may be used in reversed position. See reversed overhead monorail chain conveyor 1010 series.



Chain pitch



180mm



270mm



360mm

Specifications

Rail section height 68mm x width 60mm x thickness 4mm

The track of the chain conveyor can be made of stainless steel.

The chain conveyor is fitted with horizontal and vertical bearings, mechanical parts and forged parts. The curves or bends of overhead conveyor are arched sections. They require no idler wheel, no carrier or rotation guide, which eases the maintenance.

Maximum temperature 250°C.

Maximum weight per pitch : 125 KG - 250 KG

Components

- + Track
- + Curve hor. & vert.
- + Rotation
- + Lubrication unit
- + Clamps
- + Manual or automatic tension unit
- + Straight or wheel drive unit

Based on the length of the routing and the total load carried, the chain conveyor may receive one or more drive units.

Assembly conveyor

As for all CONVOYNORT conveyors, delivered components will be assembled on site to each other by bolting, according to the provided assembly drawing. Thus, the assembly time of the aerial conveyor is reduced.

Realizations

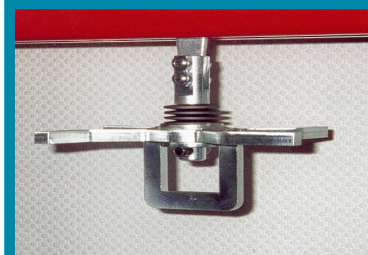


INFORMATION

The overhead monorail chain conveyor 1000 series can be equipped with rotation devices tooth bar, motorization or 90° in 90°.



Gear wheel



Rotated 90° in 90°

Convoynort

Headquarters : 625 rue du pont de pierres F- 62400 BETHUNE

Phone : +33(0)3 21 57 53 56 Fax : +33(0)3 21 57 51 07 mail@convoynort.com www.convoynort.com

