



RLA-Live Roller Accumulation Conveyor

Live roller conveyor specifically designed for tote and box handling where accumulation of boxes on the conveyor is likely to happen. The specially designed conveyor minimizes the pressure on the accumulated boxes so as to minimize any damage to the underside of the box or its edges

RLA سيور رولات منقادة

السيور طراز RLA مصممة خصيصا لتداول العلب والكراتين المعرضة للتراكم على السير حيث يؤدي التصميم الخاص الى تقليل الضغوط بين العبوات وبالتالي الحفاظ عليها من التلف وتآكل السطح السفلى.

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RLA-Live Roller Accumulation Conveyor

Features

The specially designed sheet metal construction offers a rigid and stable chassis thus ensuring stability, strength and a prolonged belt life under heavy loads.

The transport system of this conveyor is made of rollers which are tangentially driven by a belt conveyor running along the whole length of the conveyor.

The belt material and precision design execution assures a uniform pressure on all live rollers thus gently transporting the cartons or totes. When accumulation starts the rollers will stop rotating and pressure on the cartons is minimized.



Characteristics

The side channels have 2 levels of precision punched holes and slots that offer a flexible scheme for placing the supporting rollers, and permit the attachment of many accessories, such as side tables, skirts, brackets, guides, etc...

The supporting rollers' pitch could be changed to suit the dimensions of totes and boxes being transported.



The drive belt is driven by a pulley through an integral reducer and its support rollers optimize the tangential forces between the belt and the driven rollers.

Applications

RLA conveyors are used extensively in food industries, production facilities, assembly lines, and general conveyance of light to medium loads where boxes experience a degree of accumulation over relatively long distances.



They typically move unit goods such as cartons, crates, and tote boxes.

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Specifications

Live Roller Diameter	Ø50 mm
Supporting Rollers Diameter	Ø50
Return Rollers Pitch	2400
Take-up Distance	300 mm
Roller Pitch	90 mm
Linear Speed	10,20,40 m/min approximately
Mains Supply	380VAC 50 Hz 3phase
Motor Power	Calculated based upon belt loading and conveyor length
Motor Class	IP54
Insulation Class	IP54
Belt Materials	Synthetic Resins, PVC , PU, Chevrons Rubber, 2 Ply rubber
Paint	Electrostatic Epoxy Powder RAL 7035 or RAL 5017

Dimensions

Standard Width (W) / Preferred Values

Outer Distance (Wo)

W	300	400	500	650	800
Wo	376	484	592	754	916

Standard Section Length 2430

Options	intermediate lengths available (in 90 mm increments only)
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Modules are attached together using Butt Couplings, to obtain any desired length.

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Accessories

Under-Trussing	No		
Cross Bracing	No	Inside scraper	No
Butt Coupling	Yes	Outside Scrapers	No
Nose Wheel	Yes	Emergency Pull Cord	No
Front Bumper	No	Brake Rollers	No
Tail Bumper	No	Troughing Attachment.	No
End Stops	Yes	Optical Switches and Controls	Yes
Deflector	No		
Drip Pan	No	Push Button Station	Yes
Chutes	No	Pushers	No
Guard Rails	Yes	Back Stops	No
Side Skirts	No		
Feed (Tail end) Hopper	No	Longitudinal Side Tables	Yes
Delivery (Head end) Hopper	No	Individual Side Tables	Yes
Head Pulley Hood	No		

مكتب القاهرة : برج القانوينين 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
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