

 **FISCHBEIN**[®] ANY TECHNOLOGY

SMART SOLUTIONS A DURAVANT COMPANY BAGS

FISCHBEIN CONVEYORS

THE ESSENTIAL COMPLEMENT TO YOUR BAG CLOSING LINE
SOLID, ROBUST AND FLEXIBLE
SEVERAL MODELS
VARIOUS OPTIONS AVAILABLE



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Fischbein technical conveyors

- Rugged and strong construction
- Quick and simple adjustment of the bag guides without special tools

2 types of Fischbein Technical Conveyors:

- PVC Flat belt
- Multiway belt
 - type «**KAAK**»
 - type «**INTRALOX**»



Common characteristics

Mechanical

- Length: standard, from 2,5 to 6 m (by increments of 0,5m)
- Four types of conveyors supports:
 - fixed height, 4 legs with level adjusting minor possibilities
 - individual manual height adjustment (on 4 points: front and rear)
 - central height adjustment by manual handwheel
 - motorized central height adjustment
- Equipped with front and rear bag guides (lengths and positions are to be precisely defined!)
- The bags guides are available in 3 different materials:
 - Stainless steel, 100mm width
 - Varnished wood, 200mm width
 - Erthalene, 200mm width
- The bags guides are adjustable in height and width with screw clamps.

Electrics

- *Motor:* 240/400V, 3 ph
- *Power:* Drive power of motor 1,1 kW - insulation class F motor
- *Electrical protection:* Motor IP55

Possible to use one variable frequency drive for speed adjustment, to mount in the electric enclosure of the installation (like for the sewing system).

Options

Bag kickers, bag centring device under the spout, transfer units in stainless steel to other conveyors, bag stop for bag top former or other, other belt type.

1 PVC Flat Belt Conveyors



Features

- Preferably used for products with a high granulometry such as: coal, potatoes, charcoal ...
- The flat belt conveyor is used to move any type of bags
- PVC belt type 2MOL2G, 3,2 mm thick, reinforced with polyester fibers. The top of the belt is a low friction PVC
- Width: 300mm or 400mm

2 Multiway Belt Conveyors

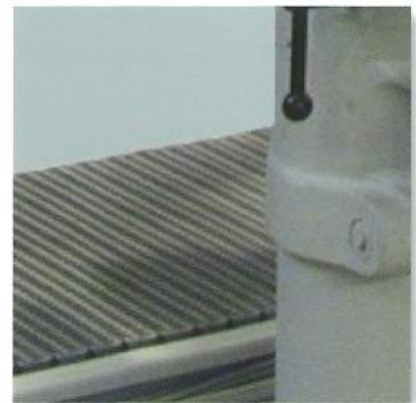


Features

- Self - centring multiway belt through sprockets
- Possibility to recycle the bagged product in case of leakage
- The low friction properties of the belt allow a paper bag to be stopped on the conveyor by doors for bag top reforming without stopping the conveyor itself
- Width: 325 mm or 400 mm

- The multiway belt type «**Intralox**» is a small open structure belt made of a very resistant plastic (acetal). The belt is driven by pinions, which prevents its offset and the clogging of the drums used with a simple belt. The belt is used with small bags.

Intralox belt



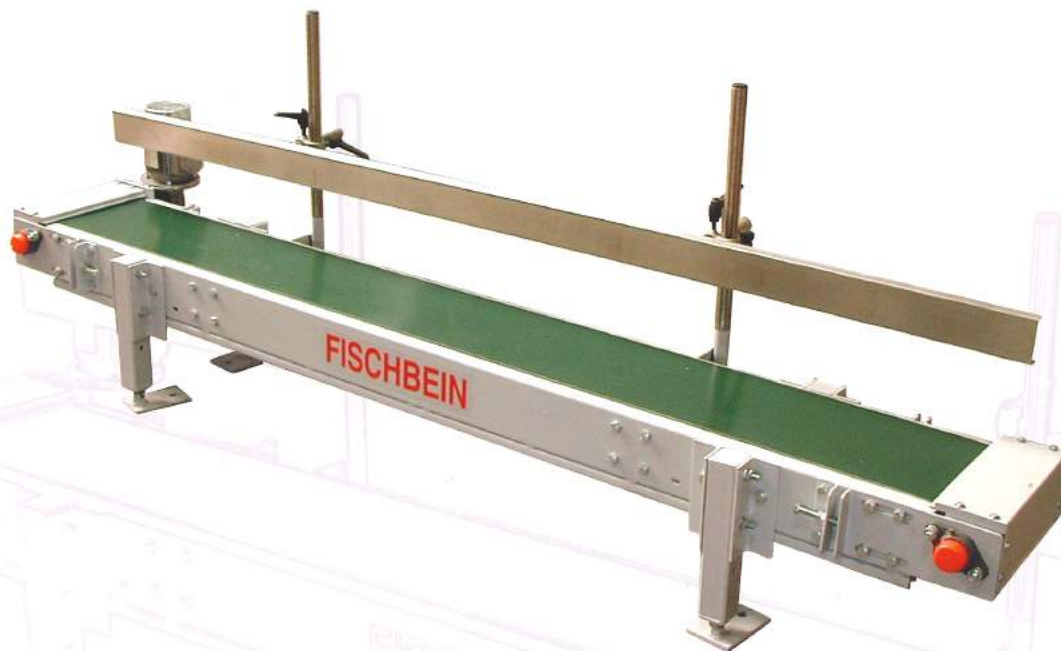
- The multiway belt type «**Kaak**» is a wide open structure belt made of a very resistant plastic. The belt is driven by pinions, which prevents its offset and the clogging of the drums used with a simple belt. The belt is used with large bags. A stainless steel plate is mounted under the belt to prevent any accident and to comply with safety regulations.

Kaak belt



Standard belt conveyors

The standard flat belt conveyor is a basic piece of equipment, simple, efficient and easy to install.



Mechanical

- Fixed height from the ground to the top of the belt: 420mm
- Belt width: 300mm
- Standard Length: 2,5m or 3m (other possible lengths: 3,5m - 4m - 4,5m - 5m)
- Fixed speed : 10m/min
- One stainless steel bag guide (60mm height) at the rear of the conveyor. Adjustable in height and depth
- PVC belt 2MOL2G - 3,2mm thickness

Electrics

- *Motor:* 230/400V, 3 ph
- *Power:* Reductor drive motor : 0,37 kW - insulation Class F
- *Electrical Protection:* IP55

Options

- Other fixed heights
- Other belt widths
- Two bag guides in stainless steel of 60mm height
- Use of variable frequency drive, for adjustment of speed
- Other belt type according to type of industry
- Bag kicker

Inclined conveyors («hoppers»)

This conveyor brings the closed bags up to the height of the worker's shoulders. The bags are then easy to pick up to be put on a pallet.



The bag must lay on its larger surface for the transport to the upper level.

Mechanical

- Belt width: 600mm
- Standard conveyor length between the axis is 3m
- Height is adjustable from 1200mm to 1400mm
- Standard fixed speed: 16m/min, direct drive with motor-reductor
- PVC belt with antiskid surface. (V shape grippers for a good bag support)

Electrics

- *Motor:* 230/400V, 3 ph
- *Power:* Drive power: 1,1 kW - insulation Class B motor
- *Electrical protection:* IP55

Options

- Different speeds
- Different lengths between the axis
- Different belt widths
- Different heights (at the lowest level)



A DURAVANT COMPANY

USA:

World Headquarters
Fischbein LLC
151 Walker Road
Statesville, NC 28625 - USA
Phone : +1 704 871 11 59
Fax : +1 704 872 33 03
E-mail : sales@fischbein.com

BELGIUM:

Headquarters Eastern Hemisphere
Fischbein S.A
Paepsem Business Park
Boulevard Paepsem 18b
B-1070 Brussels – Belgium
Phone : +32 2 555 11 70
Fax : +32 2 520 33 90
E-mail : sales@fischbein.be

FRANCE:

Corporate Office
Fischbein France S.A.R.L
2, Rue de la Fontaine du Vaisseau/BP 100
F-94120 Fontenay-sous-Bois/Cedex - France
Phone : +33 1 48 77 15 34
Fax : +33 1 48 77 26 41
E-mail : info@fischbein.fr

GREAT-BRITAIN:

Corporate Office
Fischbein-Saxon Ltd
Alexandra Business Centre
274 Alma Road
Enfield - Middlesex
EN3 7RS - UK
Phone: +44 844 3722 877
Fax: +44 844 3722 876
E-mail: sales@fischbein-saxon.co.uk

SINGAPORE:

Corporate office
Fischbein Packaging (Singapore) PTE LTD
N°37, Lorong 23, Geylang
02-03 Yu Li Industrial Building
Singapore 388371
Phone: +65 67 45 0161/0246
Fax: +65 67 45 1478
E-mail: fipacadm@singnet.com.sg

GERMANY:

Corporate Office
Fischbein Deutschland GmbH
Löhestraße 63
D-53773 Hennef Germany
Phone: +49 224 2873 1622
Fax: +49 224 2873 3628
E-mail: info@fischbein-online.de

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