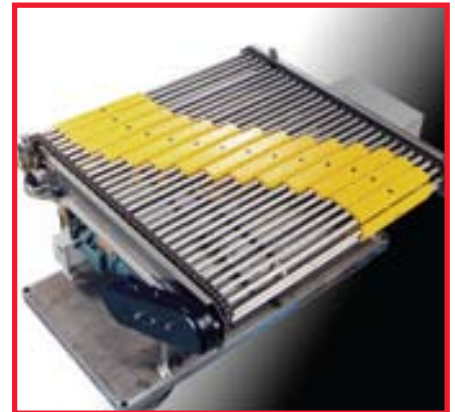


## SWITCHES AND DIVERTERS



- **A Variety of Switches and Diverters for Products, Pans, Lids, Trays and Baskets to Meet Any Production Requirement**

## SWITCHES AND DIVERTERS

### High Speed Vertical Switch

Used to switch pans, lids, trays or baskets from one conveyor line into two or three superposed (same vertical plane) receiving lines. This type of switch is used in pans, lids or basket return conveyor lines for high speed line selection (up to 35 actions/minute).

The switch consists of one infeed switching conveyor and two or three fixed receiving conveyors mounted inside a steel frame. The infeed conveyor pivots around its infeed shaft axis and its discharge goes up and/or down accordingly in order to discharge onto the receiving conveyors that are fixed mounted. The switching is done by a pneumatic cylinder mounted under or over the infeed conveyor.

- Standard length 76" (1930 mm)
- Available 1 in - 2 out and 1 in - 3 out configurations in varying elevations according to layout requirements
- Standalone or system integrated unit
- Introlox Series 1100, friction top belting eliminates tracking problems
- Anodized aluminum conveyor side frames, steel-painted frame and conveyor cross members
- Black oxidized steel shafts and zinc plated steel hardware
- Switch is equipped with air tank, 3/8" (10 mm) FRL and high quality pneumatic valves for dependable high speed switching and shut-off valve for safety
- Lexan panels and doors equipped with safety switches
- Two drives:
  - One for infeed conveyor
  - One for outfeed conveyors
- Optional
  - Magnets
  - Additional drives (for different outfeed conveyor speeds)



### Vertical Selector Switch

Used to switch pans, lids, trays, baskets or products from one conveyor line into two or three superposed (same vertical plane) receiving lines. This type of switch is generally used when the selection of the receiving conveyor lines is made prior to the start-up of the production. Generally the switching is not possible while running.

The switch consists of one switching frame into which is mounted a conveyor with an extended tail shaft, acting as the pivot. The switching is done by a pneumatic cylinder mounted under or over the conveyor. The conveyor is not included and should be selected for the specific application. Available in varying elevations according layout requirements.

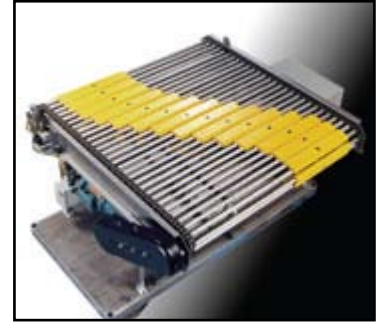


## Heavy Duty Select-O-Flow Horizontal Diverter - Pans, Lids and Trays

Used to divert pans, lids, trays or baskets from one conveyor line into two or three juxtaposed (same horizontal plane) receiving lines. This type of diverter is used in pan, lid or basket return conveyor lines for high speed line selection (up to 35 actions/minute).

The switch consists of a conveyor made out of two strands of roller chain (ASA 80), transversal 1" (25mm) diameter rods on which plastic slats slide from one side to the other. The switching is done by a pneumatically actuated metallic finger which directs the slats into a guiding track.

- Standard configuration 1 in - 2 out and 1 in - 3 out
- Available in varying configurations according to layout requirements
- Standalone or system integrated unit
- Anodized aluminum side frames, steel-it painted frame, steel cross members, stainless steel sliding rods and zinc plated steel hardware
- Switch is equipped with 1/4" (6 mm) FRL high quality pneumatic valves and quick exhaust mufflers for dependable high speed switching

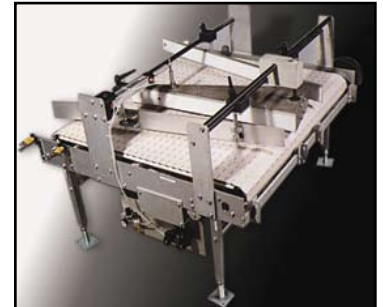


## Swing Arm Type Horizontal Diverter

Used to divert pans, lids, trays or baskets from one conveyor line into two juxtaposed (same horizontal plane) receiving lines. This type of diverter is used for moderate speed switching from one line to the other (up to 15 actions/minute).

The switch consists of a flat top conveyor with a pivoting arm mounted above its carrying surface.

- Standard configuration 1 in - 2 out
- Available in varying configurations according to layout requirements
- Standalone or system integrated unit
- Intralox Series 900, flat top belt
- Anodized aluminum side frames, steel-it painted cross members, zinc plated steel hardware and black oxidized shafts
- Switch is equipped with 3/8" (10 mm) FRL high quality pneumatic valves for dependable switching speed and shut-off value for safety

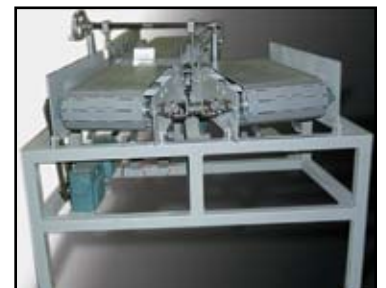


## Pivoting Conveyor Horizontal Diverter

Used to divert pans, lids, trays or baskets from one conveyor line into two juxtaposed (same horizontal plane) receiving lines. This type of diverter is used for some relatively moderate speed switching from one line to the other (up to 15 actions/minute).

The switch consists of three conveyors mounted on a single rigid frame. One conveyor is pivoting around a vertical axis (from one side to the other), the two receiving conveyors are fixed.

- Standard configuration 1 in - 2 out
- Available in varying configurations according to layout requirements
- Standalone or system integrated unit
- Intralox Series 1100, friction top and flat top beltings
- Anodized aluminum side frames, steel-it painted cross members and frame, zinc plated steel hardware
- Switch is equipped with 3/8" (10 mm) FRL high quality pneumatic valves for dependable switching speed and shut-off value for safety



## SWITCHES AND DIVERTERS

### Medium Duty Select-O-Flow Horizontal Diverter - Product

Used to divert products (bread, bun) from one conveyor line into two or three juxtaposed (same horizontal plane) receiving lines. This type of diverter is used in applications where the switching is guided by conditions upstream and/or downstream the conveyor line (up to 35 actions/minute).

The switch consists of a conveyor made out of two strands of roller chain (ASA 60), transversal 1/2" (13 mm) rods on which the UHMW slats slide from one side to the other. The switching is done by a pneumatically actuated metallic finger which directs the slats into a guiding track.

- Standard configuration 1 in - 2 out and 1 in - 3 out configuration
- Available in varying configurations according to layout requirements
- Standalone or system integrated unit
- Stainless steel slide rods and UHMW slats
- Anodized aluminum side frames, steel-painted cross members and zinc plated steel hardware
- Switch is equipped with 1/4" (6 mm) FRL high quality pneumatic valves for dependable high speed switching



### Heavy Duty Select-O-Flow Horizontal Diverter - Product

Used to divert products (bread, bun) from one conveyor line into two or three juxtaposed (same horizontal plane) receiving lines. This type of diverter is used in applications when the switching is guided by conditions upstream and/or downstream the conveyor line (up to 55 actions/minute).

The switch consists in a conveyor made out of two strands of roller chain (ASA 60), transversal aluminum extruded profile (dog bone shaped) on which the UHMW slats slide from one side to the other. The switching is done by a pneumatically actuated metallic finger which directs the slats into a guiding track. The switching mechanism is easily removable.

- Standard configuration 1 in - 2 out and 1 in - 3 out configuration
- Available in varying configurations according to layout requirements
- Standalone or system integrated unit
- Anodized aluminum extruded side members (dog bone shaped) and UHMW slats
- Anodized aluminum side frames, steel-painted cross members and zinc painted steel hardware
- Switch is equipped with 1/4" (6 mm) FRL high quality pneumatic valves and quick exhaust mufflers for dependable high speed switching



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