

# Intralox S400 Switch

The Intralox S400 Switch gently diverts products from a single line into multiple outfeed lanes while protecting the quality of products and the safety of operators. With no exposed moving parts and the low-maintenance requirements of Intralox's Activated Roller Belt™ (ARB™) technology, the S400 Switch provides a simple, economical, and reliable solution for diverting and laning applications.

## Where it applies

The Intralox S400 Switch may be used in any diverting/laning application where products must be directed from one incoming lane into multiple outfeed lanes, such as diverting individual products to variable lines, splitting one product stream into multiple trains, or in-line rejecting applications.

Ideal for the following situations:

- When upgrading an existing system to accommodate higher throughput demands or new product types
- When simplifying an existing system in regard to maintenance, operation, and footprint
- When the safety of operators is a concern
- When gentle product handling is required



 [Click photo to see video](#)

## Benefits

### Mechanically Simple and Versatile

- Effectively handles a wide range of pack sizes without adjustments to settings
- No lubrication required, nor major maintenance overhauls
- Combination of modular plastic belting technology and few equipment controls provides simplicity

### No Safety Cage

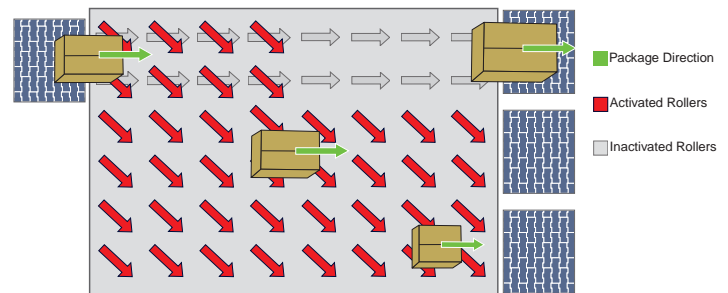
- Offers immediate access to divert surface without line stops
- Requires a smaller footprint and a lower cost of ownership
- No exposed moving parts—zero pinch points

### Efficient

- Product damage is prevented as cases are diverted without the use of external mechanical parts
- Accurate product justification at outfeeds reduces case jams on downstream conveyors
- Only a few critical parts for drive and activation, all with very fast replacement time, eliminating catastrophic failures and excessive downtime

### Compact Footprint

- Easy to integrate into existing lines
- Customized configurations; no fixed widths



No Safety Cage: Operators can safely stand nearby the machine.

STANDARD OPERATIONAL SPECIFICATIONS			
Infeed position	Side infeed		
Number of infeeds	1		
Number of outfeeds	2 or 3		
Product type	Products with flat, smooth bottom surfaces are ideal Products with other bottom surface types require testing		
Product size	Minimum: 152 mm x 152 mm (6 in. x 6 in.) Maximum: No restrictions Height: Up to 3 times product width in direction of travel		
Product weight	No restrictions		
Product orientation	Short or long side leading		
Product gapping	Dependent on product sizes and requirements of switching function		
Maximum throughput	Dependent on product sizes 80 ppm with cartons 300 mm x 400 mm (12 in. x 16 in.) 64 ppm with cartons 400 mm x 600 mm (16 in. x 24 in.)		
EQUIPMENT INFORMATION		STANDARD COMPONENTS	
Length/Height	Customer specified	Conveyor belt	Intralox ARB modular plastic conveying technology
Width	Customer specified (51 mm / 2 in. increments) Must be at least 51 mm (2 in.) wider than product	Motor	Default: SEW Customer may specify alternatives
Outfeed spacing	Customer specified	Adjustable supports	+/- 50 mm (1.97 in.)
Construction	Frame: painted carbon steel or stainless steel	Frequency inverter (optional)	SEW Movimot
Frame color	Customer specified	MAINTENANCE	
Temperature range	7°C–50°C (45°F–122°F)	Easy maintenance with Intralox modular plastic belt technology; no lubrication needed	
Note: Intralox equipment sold in Europe is built according to European directions 2006/42/EC for machinery		Mechanical system with no electronic components (except drive). Diverts are activated pneumatically.	

*If you require a solution that is not covered by the options listed in this table, please contact us to discuss a customized solution.*

**To learn more about how the Intralox S400 Switch can improve your switching applications, please call us or visit [www.intralox.com](http://www.intralox.com).  
Our customer service teams are trained in your industry and speak your native language.**

Additional country- and industry-specific free phone numbers available at [intralox.com](http://intralox.com)

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# Intralox Equipment