

Intralox 90° DARB Sorter

At > 200 ppm, the Intralox 90° DARB* sorter is the fastest in its class for 90-degree sorting of product into tight divert centerlines (product length + 4 in.). This equipment allows you to rearrange and optimize your plant layouts, positively impacting overall footprint, throughputs, and system reliability.

Where it applies

This equipment solution is extremely valuable when your objective is to achieve 90 degree sorting with a throughput greater than 40 products per minute or accurate sorting in a small footprint. Typically, this technology is ideal in the following situations:

- High-rate sorting at 90° with tight divert spacing
- Sorting into accumulation lines (such as mixed pallet building operations)
- Sorting into a mini-load AS/RS
- Carton sequencing
- Single 90° divert (reject) stations
- When changing carton orientation during high-rate sorting

The 90° DARB sorter is also viable in applications where product damage or worker safety is of concern. Because all moving parts are contained within the machine, below the conveying surface, impact on the products is minimized and risk of operator injury decreased.



Benefits

Increased Productivity

The Intralox 90° DARB sorter allows for higher throughput (> 200 products/min.) on sorting lines where a change of orientation is required—the highest throughput for 90 degree sorting in its price range.

Decreased Product Damage

Products are handled smoothly and gently, as they are directed from underneath the belt. The no-touch system preserves the quality of each product.

Floor Space Maximized

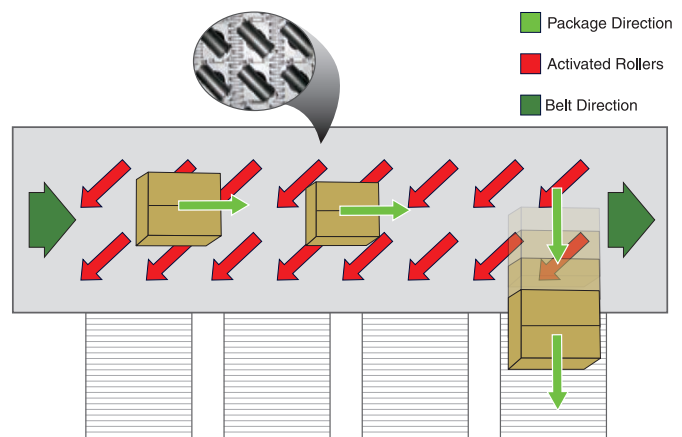
The DARB sorter is the only sortation equipment that can provide so many capabilities while maintaining a small footprint. Indeed, its precision allows for the distance from one divert center to the next to be as small as the product length plus 4 in. (100 mm).

Increased Safety

There are no moving parts outside of the machine housing, increasing safety for both workers and products.

Less Maintenance

With minimal moving parts and only one drive per sorter, the robust system design requires minimal maintenance.



**Series 400 Dual-Stacked Angled Roller Belt Sorter*

STANDARD OPERATIONAL SPECIFICATIONS			
Product bottom surface		Flat, smooth bottom surfaces are best; other products could be subject to testing	
Product size		Minimum: 4 in. x 4 in. (100 mm x 100 mm) Maximum: No restrictions	
Minimum product gapping		Widest product width + 4 in. (100 mm)	
Throughput		<ul style="list-style-type: none">Up to 230 products/minute with a product dimension of 4 in. x 4 in. (100 mm x 100 mm)Up to 93 products/minute with a product dimension of 12 in. x 16 in. (304 mm x 407 mm)	
EQUIPMENT INFORMATION		STANDARD COMPONENTS	
Length/Height	Depends on customer requirements	Conveyor belt	Intralox Activated Roller Belt™ technology
Width	Product width + 2 in. (50 mm) (with 2 in. / 50 mm increments)	Motor	SEW (or equivalent)
Divert spacing (center to center)	Product length + 4 in. (100 mm)	Adjustable supports	+/- 1.97 in. (50 mm)
Construction	Frame: painted carbon steel or stainless steel	Frequency inverter (optional)	SEW Movimot
Frame color	As specified by customer	Diverts	Pneumatically activated
Environment	Dry and clean environment	MAINTENANCE	
Temperature range	45°F–122°F (7°C–50°C)		
CERTIFICATION		Easy maintenance with Intralox modular plastic belt technology	
Intralox equipment sold in Europe is built according to European directions 2006/42/EC for machinery			
		Mechanical system with no electrical components (except one drive)	

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 sorting with the Intralox 90° DARB sorter, please call us or visit 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

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