



## Sorting Solution Increases Throughput by 30%

### Features and Benefits:

Sorting of corrugated, wooden, shrink-wrapped, and plastic cartons

Higher-capacity sorter installed in existing layout

30% increase in peak sorting rate

Positive divert with decreased slippage

Industry Group:  
CSS

“The Intralox solution was ideally suited to this application, which required the benefits of higher capacity and expandability as well as a custom fit within some very challenging space restrictions.”



### Challenge

A wine distributor faced capacity constraints in an existing facility and wanted to increase throughput without overhauling the entire system. In particular, the company needed to replace an existing sorter. The new sortation system needed to be accurate when quickly handling a variety of product sizes, weights, and packaging types while directing cartons into presort 14 lanes with close divert centerlines (39"). Cartons would then be unscrambled and released to trucks sequentially for truck loading.

### Solution

The company installed a low-maintenance, rapid, and accurate Activated Roller Belt™ (ARB™) sorter that maintains short-edge-leading orientation through the use of embedded rollers rather than rails or complicated controls.

With a compact footprint, the sorter easily fit into the existing facility and has the ability to accommodate future expansion by adding additional diverts.

### Results

Since installation, the sorter enabled a 30% increase in the facility's peak sorting rate.



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