

SORT POLYBAGS, CARTONS, AND IRREGULAR PACKAGES ON THE **ARB SORTER S7000**

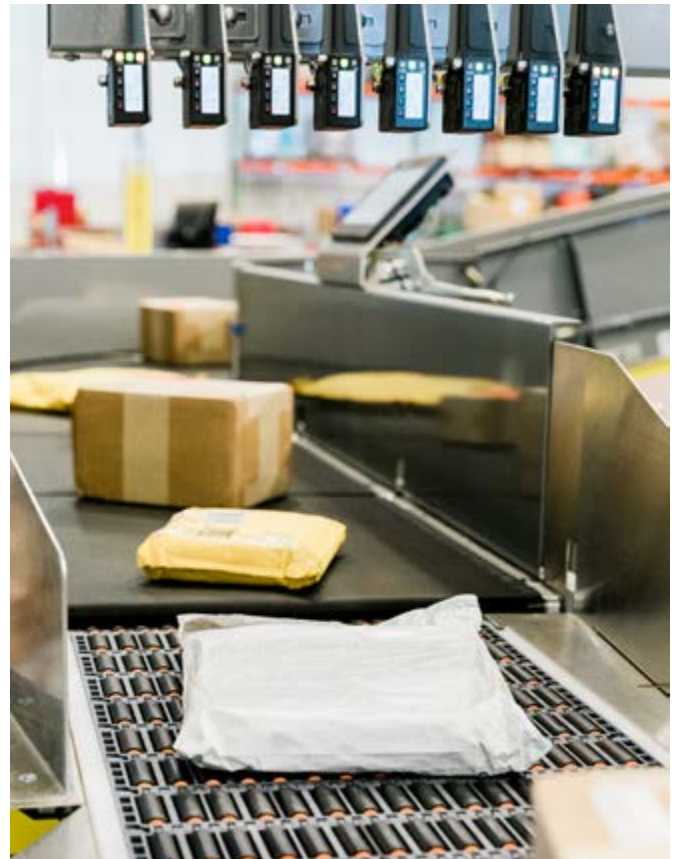
The Intralox® Activated Roller Belt™ (ARB™) Sorter S7000 bi-directionally sorts a wide range of products at high throughput rates of up to 15,000 packages per hour*. All moving parts on this “touchless” system are contained within the machine, below the conveying surface, providing gentle product handling and improved operator safety.

Ideal Solution For

- E-commerce retail fulfillment
- Parcel hub primary and secondary sorters
- Middle-mile and last-mile facilities
- Incompatible or non-conveyable package sortation

Key Benefits

- Sorts up to 15,000 packages per hour*
- Smoothly handles polybags and soft-sided items
- Easily sorts large and irregularly shaped items (60 in x 60 in or 1,524 mm x 1,524 mm) alongside small packages (2 in x 2 in or 51 mm x 51 mm) with application review
- No-touch system prevents catchpoints
- No moving parts outside of belt increases safety
- Sorts precisely into very small destinations
- Provides maximum layout flexibility via the tightest divert spacing of any linear sorter on the market
- Ideal for a single divert point or a multi-destination sorter



Equipment Capabilities	
Throughput	15,000+ packages per hour machine rate with an 11-in (279-mm) package length*
Minimum Product Gapping	4 in (102 mm) head to tail
Material Handled	Broadest range of package types and sizes available on the market (2 in x 2 in – 60 in x 60 in or 51 mm x 51 mm – 1,524 mm x 1,524 mm with application review)
Available Configurations	<ul style="list-style-type: none"> • Tight divert spacing and flexible destination positioning • Single-sided or dual-sided sorters • With or without Intralox Advanced Sorter Controls

Optional Add-on

Intralox Alignment Flankers

Intralox Alignment Flankers merge multiple streams of singulated items directly onto the ARB Sorter S7000. This eliminates extra equipment and transitions between conveyors, optimizing throughput and minimizing cost and footprint.

Key Features	Benefits
Brings multiple lines of singulated flow together without additional conveyors	Up to 40% lower total installed merging equipment costs
Allows smaller footprint without additional conveyors	70% smaller merging footprint
Minimizes upstream gapping requirements from seamless merging transition onto the sorter	Up to 35% more throughput

Intralox Advanced Sorter Controls

Optionally, Intralox can provide the package-tracking and divert actuation logic. System control (by others) will start and stop the sorter and provide destination information for each item. The sorter will be configurable through an HMI at commissioning.

Key Features	Benefits
Consistent, standard logic from the equipment OEM	Consistent, repeatable support minimizes downtime
Pre-wired, connectorized assemblies	Reduces installation schedules and electrician requirements
Fieldbus with extra I/O landing points for system integration use: one input and one output per 12 in (305 mm) of sorter length	Lowers total system implementation cost and commissioning schedule
Dynamic zone allocation	Increases throughputs and compacts footprints
Width- and position-based actuation timing	Improves accuracy and compacts footprints
Continuous dynamic pitch calibration	Boosts reliability and sort accuracy
Smart-fill chute logic	Distributes packages within a destination to reduce staffing

*All opportunities require an application review with Intralox to determine minimum gap and maximum sorter speed. Actual throughput depends on many factors including product size, application, induction design, and controls capabilities. These values represent the maximum possible "machine rate" which is a theoretical number and represents the limits of the machine capability presuming it could be completely and consistently fed with packages of this length and this gap.

To learn more about our ARB Sorter S7000, contact your Intralox representative or visit www.intralox.com.