



Effective Handling of Polybags, Envelopes, and Parcels

BEST PRACTICES

In more than 5,000 installations of Activated Roller Belt™ (ARB™) Technology equipment over the last decade-plus, Intralox has gained insight on the best ways to handle even the trickiest items and products. Adhering to just a few key guidelines can help ensure that your material-handling efforts are successful and smooth.

Warehouse & Distribution: Polybags

Not all polybags are created equal. Though many technologies traditionally used for boxes with flat, firm bottoms can handle a polybag containing a neatly folded pair of jeans, most technologies cannot handle bags containing a only belt or a pair of gloves. ARB equipment successfully sorts and merges polybags containing difficult items, including micro SD cards and bags of liquid. When considering your next project, pay attention to what will go inside the bag.

Parcel: Mixed Parcels, including Envelopes and Smalls

Having spent countless hours on site with some of the world's largest parcel companies, our team has identified package care as a key metric in new conveyor automation projects. When improving package care is essential, ensure equipment does not have jam or pinch points. Many products can become damaged when packages pile up.

Diverter arms can create pinch points that catch envelopes and tear off box tops. Belts moving under stopped packages can cause belt burn. When thin items and polybags get stuck in an automated system, upstream packages can become caught behind them until force from other packages dislodges or damages the jammed item. Also pay attention to steel rollers, which can suck in small items and polybags and trap them, causing jam points.

Products traveling on Intralox ARB equipment stay on the belt's surface. Parcels and envelopes do not become hidden inside a conveyor frame or trapped under a traveling deflector, pivoting deflector, or pusher.

If you have questions regarding effective product handling, contact your Intralox Account Manager.