



# UltraSort AST system

Tech Logic's UltraSort Automated Sorting Technologies (AST) systems provide the ultimate features, functionality and labor savings in a premium "turn-key" solution of flexible sorting options. Each system is designed for maximum throughput to meet the needs of busy libraries and central sorting operations of all sizes. Tech Logic UltraSort systems automatically check in items using barcode and/or RFID technology.

## Sequence of Operation

1. Items enter an interior or exterior book drop.
2. Items are automatically separated from each other using Tech Logic's patented "de-shingler" technology.
3. Items travel along a conveyor.
4. Items enter a barcode and/or RFID check-in module.
5. Items are checked in and sorted to bins or book carts.

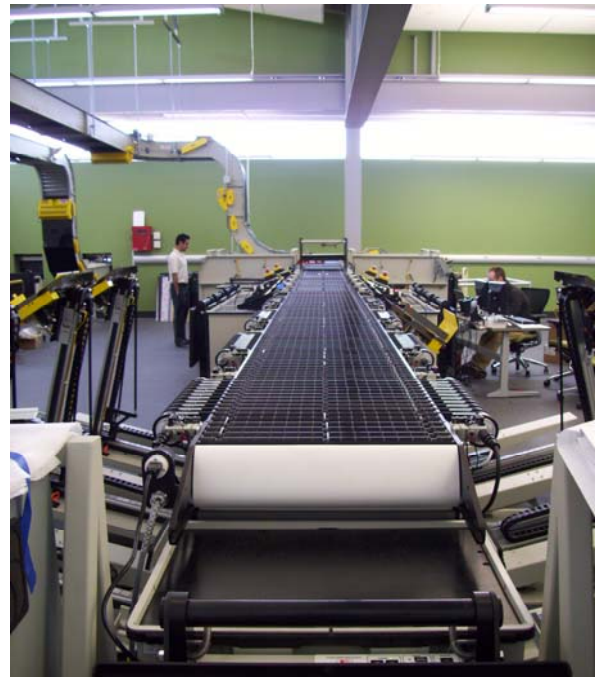
**NOTE:** Sort locations are programmed based on library specifications.

## Scalable

If your library's material handling needs change, UltraSort can be upgraded with minimal effort. From a handful of bin to hundreds, Tech Logic systems are handling millions of library materials every day.

## Throughput

Tech Logic UltraSort systems utilize all-electric motion controls, allowing sorting to be fast and efficient. UltraSort systems can efficiently process up to 1600 items per hour and are controlled by software that communicates via a dedicated network. UltraSort Systems are designed to operate with as little as one operator.



# ULTRA SORT



[www.tech-logic.com](http://www.tech-logic.com)

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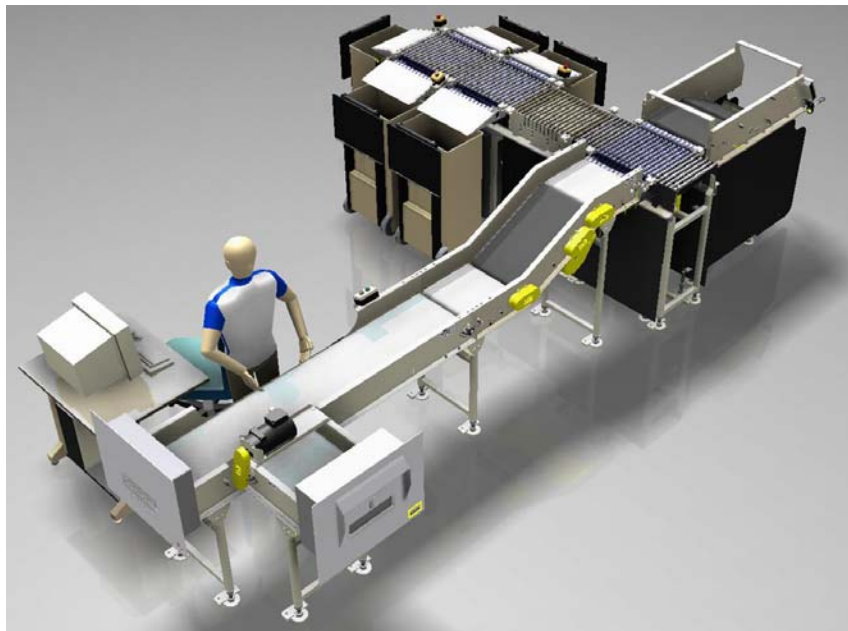
AST system

## Robust

Many of our installations operate 24 hours a day, and have been for many years. While saving an immeasurable number of labor hours, our equipment runs without interruption with minimal operator intervention.

## Customized Design

Whether dealing with a new construction or renovation, our designs have conquered numerous architectural challenges. Library items travel safely under streets and buildings, navigate through multiple floors within a library, and quickly find their way to sort locations.



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