

Designed specifically for libraries

The Arcus Library Return Sorter is an automated returns sorting system designed specifically for library items, featuring:

- ⇒ Multiple item separation feature—can handle multiple simultaneous returns
- ⇒ Immediate, automated check-in of returned items
- ⇒ Smallest footprint
- ⇒ Modular and scaleable
- ⇒ Australian designed and manufactured
- ⇒ Gentle on library material
- ⇒ Reduces repetitive strain injuries
- ⇒ Integrated with Arcus self levelling smart trolleys
- ⇒ Safe and Energy Efficient



Proven Design

The Arcus Return Sorter is a system designed and manufactured in Australia with local libraries and budgets in mind. It is a proven design, having been deployed in libraries for more than 10 years. The sorter is able to consistently processing returns at rates of up to 1,200 items per hour.

The sorter incorporates a unique and proven method for the separation of items—allowing the system to accept multiple items simultaneously which improves the patron experience. The system uses several inclined conveyors which change speeds to achieve clean separation of items before sorting.

The unique rocking delivery method of the Arcus Returns Sorter, combined with our Dynamic Leveling Bins (with automatic height adjustment) ensures a compact design that also reduces the day to day impact on items during handling, extending your collection life.

A compact and modular design ensures that there is a configuration to suite your needs. You can place bins on either side for maximum sort destinations, or install a single sided unit against the wall to enhance workflow.

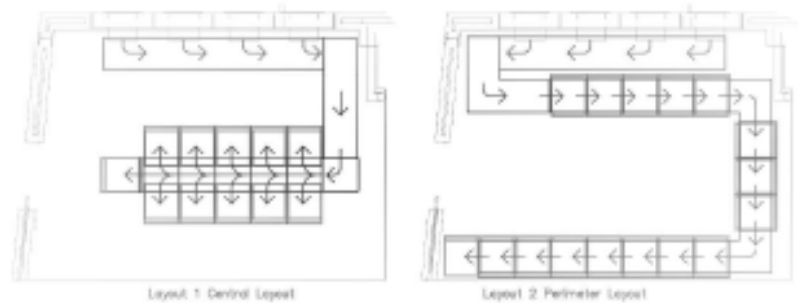
The system can be upgraded easily at a later date to increase the number of sort destinations and item storage capacity as the libraries requirements grow. This is a great way to make the initial system more affordable for budget constrained libraries.

The Sorter is configured with the Arcus Sorting Rules Management Module, which can connect with your Library Management System in a variety of ways to provide a very sophisticated sorting capability.

Modular Design

The modular design not only allows for easy installation into existing libraries but also layouts that are customizable for every library's needs and budget.

The system can accommodate multiple entry points, central or peripheral layouts, bends, extensions and any number of sort destinations.



Sample Layouts

Technical Specifications

Dimensions	3 bin sorter with single tilting delivery segment: width—1.6m (including bins) length—3m (depending on configuration) height—1.2m Note: additional space is required around the system for access and removing the bins.
Supply Voltage	100-250V AC (less than 10A)
Sort rate (standard system)	Up to 1200 items per hour
RFID	Supports UHF or HF tags
Interfaces	SIP2, NCIP or OEM

A Leader in Cloud Based RFID Solutions

Adilam is a leading technology solution provider and implementation partner in the area of Radio Frequency Identification. Along with our global network of technology partners, our experienced and highly skilled team of Hardware and Software Engineers, provide a range of RFID hardware and software solutions. These solutions are all deployed on the world's first cloud based RFID application platform — Arcus.

Arcus is a rapid deployment platform managing the core elements of people, assets, inventory and movement and layered with custom built applications for each clients needs.

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