



AUTOMATED MATERIALS HANDLING (AMH) / SORTERS

OVERVIEW

EnvisionWare, the world's leading self-service company, defines the new era in library technology with a modular AMH / sorting solution that scales from 3 to 253 bins. Among the unique qualities of this system are modularity, the ability to easily add additional sorting modules, elevators, turntables, or other components as your needs and budget allow. Support for barcoded items (even items with internal barcodes*), RFID, and electromagnetic security (EM) is available. Sort items to bins, totes, or ErgoStack™ carts which convert to shelving carts at the touch of a button. Eliminate bending, picking up heavy items or totes, staff check-in, and sorting holds/reserves. As a library company, our sorters are designed for libraries which means they are QUIET. Systems operate at less than 55db which is lower than normal conversation level. There are no noisy air compressors and no special power requirements. Built from European designs that have been in service throughout Europe for several years, EnvisionWare Renaissance AMH solutions for North America are manufactured in Dallas, TX and supported by our regional support centers around the US. European / APAC systems are manufactured in Finland and supported by our support centers around the globe.

SORTING FOR SMALL TO MID-SIZE LIBRARIES

EnvisionWare was created to provide solutions for small and mid-sized libraries. Fortunately, an architecture that works well for smaller libraries scales well for larger libraries which is why we are the PC management supplier for America's largest library systems. A 3-bin sorter can have a tremendous impact on efficiency, borrower services, reduced staff injury, increased circulation, and even relief for staff that are presently overburdened. For less than \$99,000 you can install a system



that can automatically check in items, sort holds into a separate bin so you can quickly put those items on the holds shelf, and sort other items into two different categories all while reducing staff handling of

returned materials. If your circulation is increasing, you can't afford not to sort automatically. We will help you develop a *Return on Investment* analysis.

DOES IT FIT?

A 3-bin sorter takes roughly the space of a large desk and three chairs. Some libraries put the system in the workroom with a cutout for borrowers to return items. Others locate the system in a glass "room" so that library visitors can see the system in action. Many libraries locate the system near the front door or adjacent to the circulation desk. Still others locate the unit adjacent to an outside inlet or between internal and external returns. Conveyors can move items to various locations to suit your individual needs. Check out floor plan drawings at www.envisionware.com/sorters.

LARGER SYSTEMS OR SPECIAL NEEDS

Larger libraries will appreciate the high speed performance, multi-inlet scalability, and the FastLift™ elevator that can move items between sorter components on different floors or over doors. The unique ErgoStack cart is the perfect solution for quick transport of items to the stacks. The Cart can work in tandem with the Hold Slip



Printing module to stack books in the same order as hold slips, streamlining and accelerating the movement of reserve items to your shelves. There is no practical limit to the number of inlets. You could offer multiple self-service borrower inlets inside, one or more external inlets, and multiple staff inlets. The same modules work in both small and large systems so that branches and your central sorting center can utilize the same EnvisionWare solution.

UNIQUE BENEFITS

- Noise level:** < 55dB, built by librarians for libraries
- Power:** 117V N. America / 220V where required
- Configuration:** Web interface; local and remote
- Profiles:** Multiple, user-defined sorting profiles
- Architecture:** Electrical: no noisy air compressors; modular: easily to expand, adapt, and service
- Item Coding:** Barcode; RFID; EM security supported
- Sort output:** Bins (multiple sizes); ErgoStack carts; library totes with tote stands
- Service:** EnvisionWare World Class Support via toll free phone, web, email, KB, portal
- Guarantees:** Uptime; phone response; on-site



Open Standard End-to-End
RFID and Self-check

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EXTERNAL RETURN

Our SecureHatch™ return provides a configurable and highly secure inlet or book drop for external materials return including drive-through systems. This attractive stainless steel system provides a library card barcode reader, receipt printer, display screen, and locking hatch to front your sorter from the outside of your library.



You can set the system to require a library card, require a card and also require that materials are checked out to the borrower, or simply accept items without validation. The settings may vary depending on your need to secure your return from vandalism.

SORTING RULES

Your system will probably be connected to your Integrated Library System (ILS) via SIP2. That provides the lookup needed to determine information about the item, everything from media type to material ownership. Internal *Sorter Profiles* allow you to customize the system to fit unique needs and to even set up special overrides. If you have RFID-tagged items and use the Renaissance Danish Data Model, information like set information can be read from the tag and provide fast clues about return requirements to facilitate faster operation. The system supports multiple Sorting Profiles so that you can change the behavior at different times of day. While the library is open, the standard profile might sort items as holds, children's items, items for a branch A, items for branch B, etc. Early in the morning you might use a special branch profile to sort items into different categories. Perhaps when your delivery truck arrives, you would use the sorter while you're still closed to sort items into physical locations within your building.

ALERTS

When an ErgoStack is full or the system needs attention, you can program the system to activate lights, sound an alarm, or send a message to staff. The system would, of course, be programmed to account for full carts but staff always likes to know when the automated system needs attention, thus eliminating the need to actively monitor the sorter.

BORROWER EXPERIENCE

The borrower touches a button on the screen to start the sorter inlet and then feeds items into the system. The intuitive, fully customizable display guides a user step-by-step through the return process. When all items are fed into the sorter (typical user input to a single inlet is around 500 items per hour), the user touches a button on the screen and the receipt prints.

The borrower benefits:

Instant check-in, removed blocks (especially useful when libraries limit the number of CDs/DVDs).

Return receipt— which offers proof of the time and date every item was returned. Libraries report that users will migrate from a traditional slot return to the sorter voluntarily and eventually cause the manual return to become obsolete. Benefits are readily obvious to borrowers and the extra effort in returning materials is rewarded with immediate check-in and proof of return.

In the event that an item is not owned by the library, the system can alert the borrower of that condition and suggest that the user take the materials directly to the desk or you can accept the item to a suspense bin. You make this decision in your Sorter Profile.

WORLD CLASS SUPPORT

EnvisionWare support is the best in the industry. The best gets better with on-site World Class Support. We provide a written up-time guarantee and a guaranteed on-site response time. EnvisionWare Premier Support is included so you get 24x7 response with a guaranteed two-hour call back any time, night or day. We "maintain-as-new" so the system never wears out. Larger library systems can even choose a lower cost self-support option in which your staff are trained to maintain the system.

RENAISSANCE RFID

When you're ready to move to RFID, your sorter can be upgraded to RFID-based sorting. (Renaissance customers can add sorting to their current RFID system.) Renaissance is North America's first *open standard* end-to-end RFID solution. Built on the open Danish Data Model, you get system interoperability and the freedom to incorporate the best of breed. The Renaissance solution includes our unique staff-link software that enables your circulation software with full RFID capabilities, OneStop full service kiosk, gates, tags, and all other components necessary to migrate to a full RFID system.

To learn more, visit our web site or call 800-216-8370 toll free in the US and Canada, or +1 678-584-5911.