



bibliotheca flex AMH™
return + sorting solutions



How can automated return + sorting solutions help your library?



Simplify processes for library staff

With any combination imaginable, flex AMH is the maximum time saver, delivering efficient workflows that keep your circulation moving and allow your staff to focus on more meaningful tasks.



Enhance experiences for library users

flex AMH was designed specifically for library users from the ground up. This unique hardware and software return + sorting solution delivers an engaging experience for users – making returning library items as simple as possible.

Libraries today

Have to deliver excellent service with tighter budgets and limited resources

Are challenged to meet increasing user expectations

Are evolving to focus on the social-based needs of their communities



Benefits of the flex AMH range

Create the perfect return and sorting solution that is configured to fit your space and budget, providing you with the best overall value.



Learn more: [flex AMH features + benefits video](#)

Hard to image how this system can work in your space? [Watch the video](#) for benefits and flexibility flex AMH brings to libraries.



Completely customized for you

Our fully modular design allows us to create any type of solution to fit your specific space. Our dedicated AMH team will walk you through the entire process from beginning to end, ensuring your return and sorting processes will deliver the results you need!



Move items across multiple floors

With extended conveyors and lift systems, the flex AMH system allows you to sort items from multiple rooms and floors within your library. By automating the collection of materials from many return points, you can simplify the complexity of getting items back on the shelf fast.



Return multiple items at once

flex bookDrop allows users to quickly return multiple items at once and carry on with their day. The flex bookDrop is available with a flat front for walk-up usage or an extended, drive-up front from which users can conveniently return items without leaving their car.



Select from many types of bins

Depending on your space and requirements, we offer a selection of return bins to choose from. We have a smaller, more square bin, a large rectangular bin, and our autoBin™ even senses the level of books in the bin and brings them all to the top for you, requiring less bending and repetitive motion injuries.



RFID, EM + barcode based

Our flex AMH solution can be used in libraries that use RFID, EM or barcode technologies. There is no need to convert your collection to a specific format in order to start taking advantages of efficient return + sorting processes at your library.



Sort items onto stacking carts

For the ultimate ergonomic solution, we offer the flex stackingCart™, where books are sorted with their spines in an outward facing direction and stacked neatly onto the cart. These mobile stacking carts can easily be transferred into the stacks and with a touch of a button, transform into a horizontal shelf, making it convenient to re-shelf items.

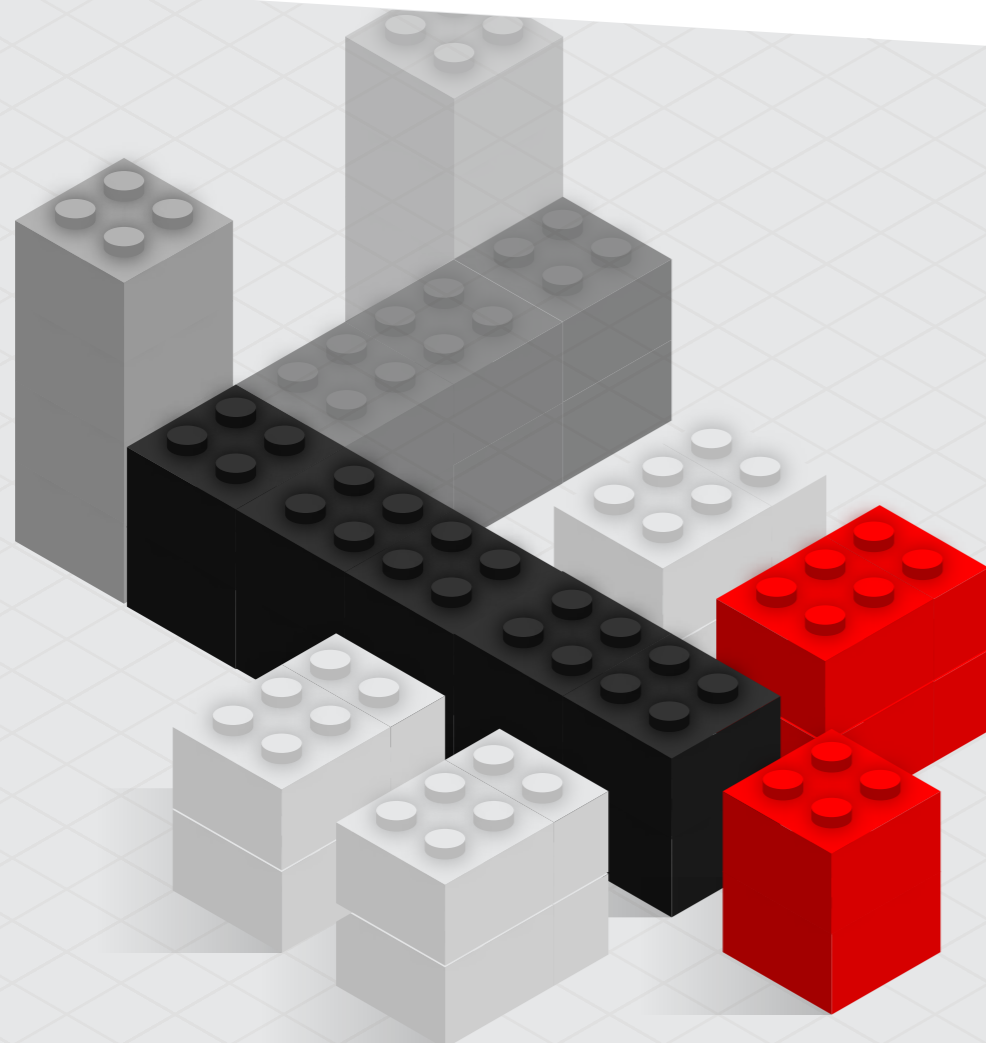
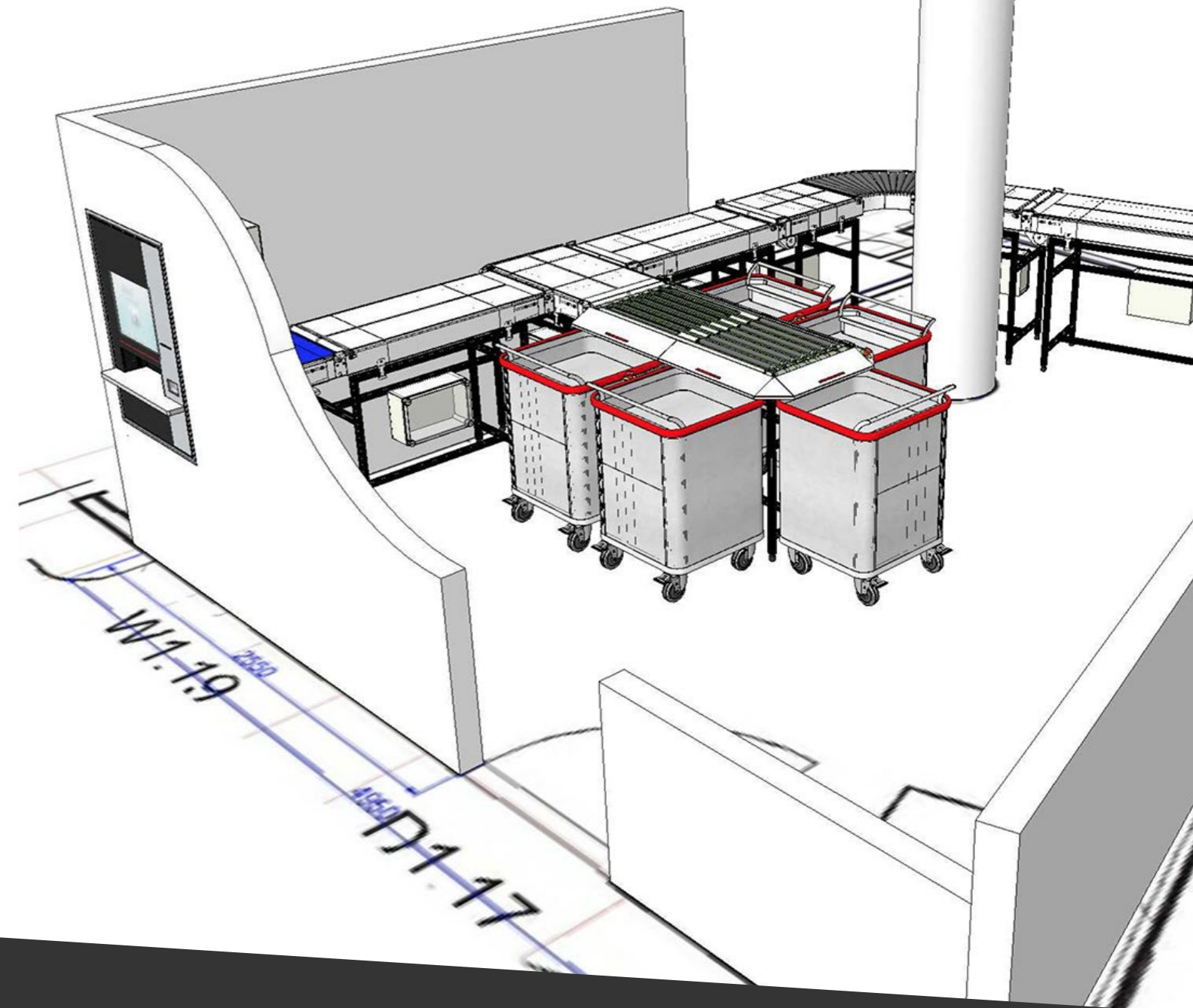
A solution that grows with your library's needs

We build your library installation around the specifications you give us and make sure our modular system perfectly fits your existing space. With many factors to consider when choosing the right solution for your library, we make sure to guide you through the process with ease and simplicity.

Can be designed to allow for convenient 24/7 access

Dedicated sort patterns allow for quicker material processing

Handles deliveries from other branches



“The flex AMH was delivered Monday morning, and by 4:30 in the afternoon the entire 17-bin system was assembled and installed. **It was a bit like watching a Lego set being fitted together.**”



Richmond Hill Public Library customer story
flex AMH makes returning and sorting easier than ever before for this Ontario, Canada library. [Read more...](#)



Offer a drop-and-go experience familiar + intuitive to users

With the flex AMH bulkSeparator™, libraries can offer a quick, simple *drop-and-go* return solution, an experience familiar to users*. With the natural use of gravity and vibration, the bulkSeparator efficiently separates items for accurate processing. Lastly, free staff from manual processing labor for more meaningful tasks in the library.



Library demo + case study: Forsyth County Public Library

Forsyth County partnered with bibliotheca to help manage their return process and make it as easy as possible for readers to return items and then go enjoy a program or discover their next book.

[View: in-library flex AMH demo](#)

[Read: full customer story](#)



Need more information?

Speak with a flex AMH specialist today.

We are dedicated to simplifying tasks and improving user experience so libraries can focus on their community impact. We deliver custom ROI analysis to show the cost savings and efficiency gains with flex AMH.

[Click here to get in touch!](#)

* flex AMH bulkSeparator works with RFID enabled items only



Effortlessly move items across floors or even buildings

Design a solution that fits your custom library space + optimizes the user experience

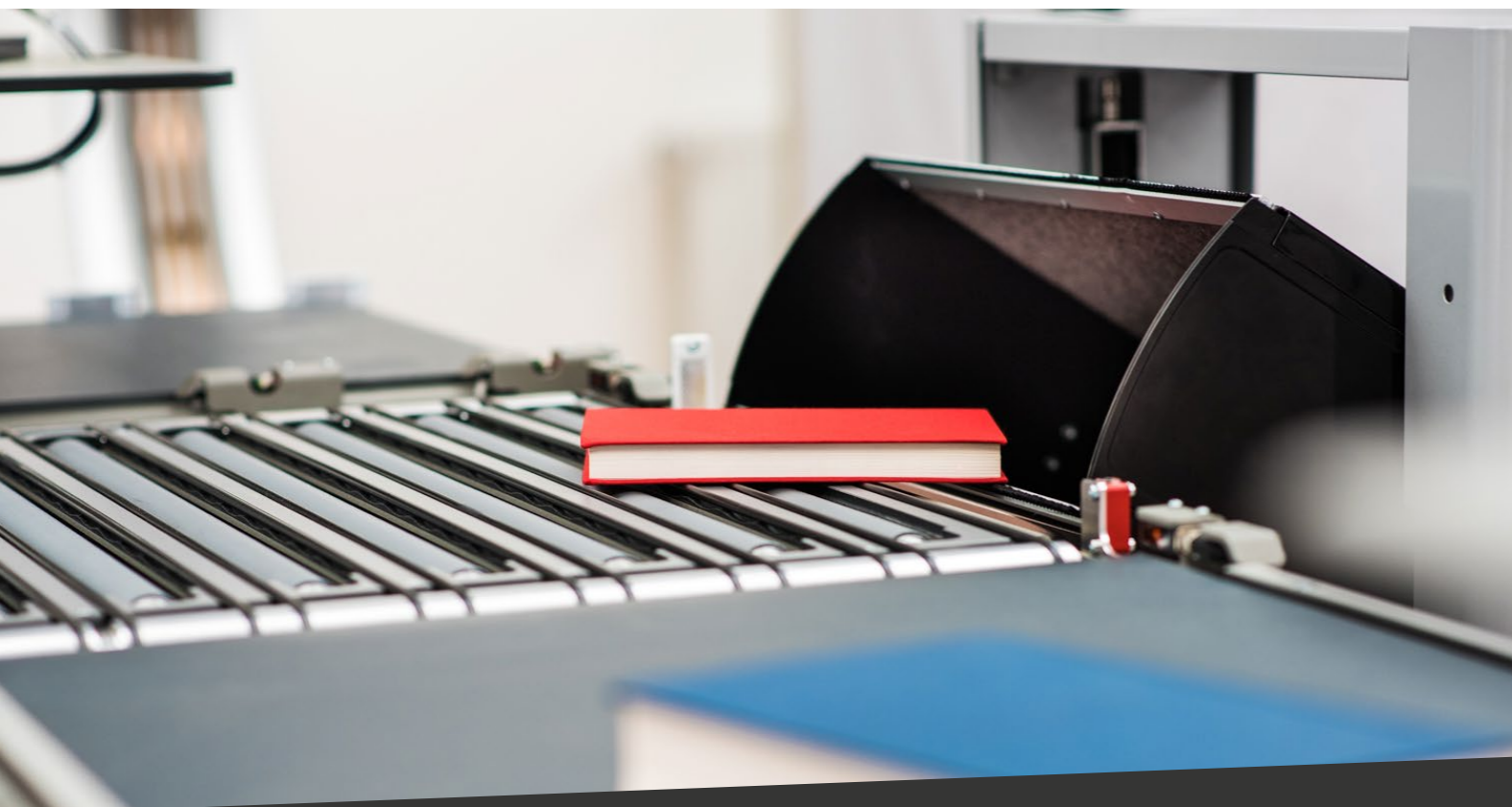
Offer returns on multiple floors or across vast buildings with ease

Allow library users the convenience of 24/7 returns

Modernize your library space and operations with the latest return + sorting technologies

Maximize space and keep valuable square footage for library services + staff needs

Trust our qualified engineers for support throughout the planning + implementation phases



Learn more: [flex transportationSystems overview video](#)

Discover how to efficiently and effectively automate large-scale returns and improve library experiences by [watching the overview video today!](#)

works with your technology



RFID



Electromagnetic



Barcode



Bin options enable library items to be gently accumulated and sorted

All of the flex AMH bin options integrate seamlessly with the flex AMH return and sorting system. Each bin can easily pull away from the docking station, allowing staff to smoothly glide them around the workroom. The spring-loaded base also provides a sponge-like reflex, gently protecting items from being damaged as they are sorted into the proper location.



flexBin™ standard



flexBin™ large



flex autoBin™



Learn more in the dedicated datasheet

The flexBin + flex autoBin datasheet includes specifications and benefits for each bin type + size.

Sort into neatly organized stacks

Items are placed neatly on the stackingCart™, ready to be re-shelved

Eliminates the need for staff to continually bend over and risk repetitive motion injuries

Roll from back room directly into the stacks, eliminating the need for additional handling

Intuitive software for users + staff

The user-facing quickConnect™ AMH software delivers an engaging experience for users of all ages and abilities – making returning library items a breeze. Staff utilize flex AMH software to easily monitor the health of the system, make changes to the user interface and design custom receipts. To learn more, see our dedicated [flex AMH software datasheet](#).

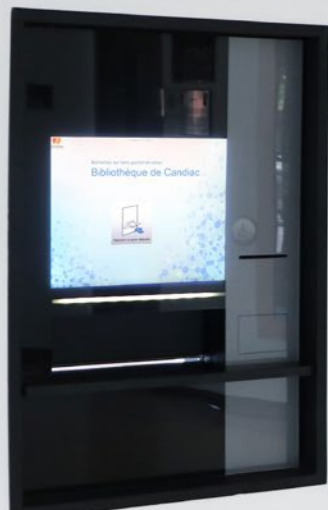
Creative + welcoming screen welcomes and invites users

Engage with users in their preferred language

Confirm return details with easy-to-read information

Intuitively prompt users when a response is needed

Provide easy-to-use keyboards to enter user details



Customer story: Candiac Library

[Learn more](#) about how a small Quebec library modernized their service offering with the help of flex AMH + selfCheck.



View real-time updates from any location with ease



Design your library's custom hold slip



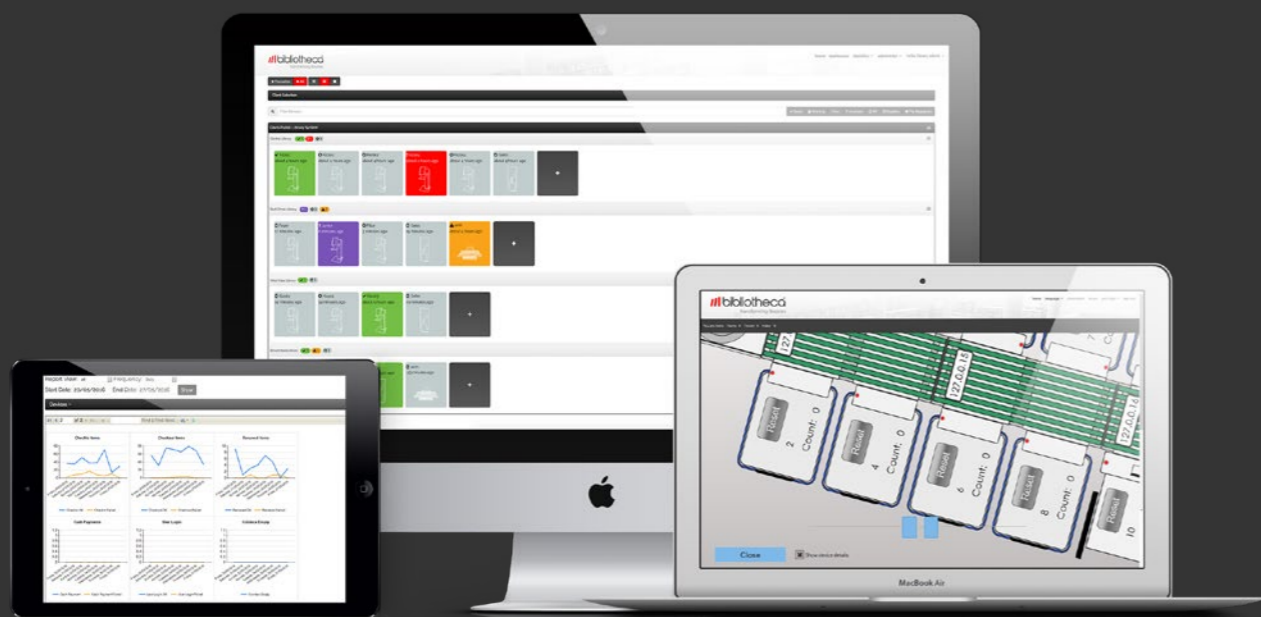
Easily backdate returned items for accurate processing



Share informative receipts with users



Allow users to return all items to the library, even for others!



Aggregate multi-branch statistics centrally

quickConnect AMH works seamlessly with libraryConnect™ devices, delivering valuable analytics and reporting from flex AMH systems located in multiple branches. Other benefits for library staff include:

View real-time updates from any location with ease

Configure and manage flex AMH with integrated visualizer

Pull monthly reports for data-driven analysis

Specifications

User frontend:	Dimensions*: h: 945 mm / 3'-2" w: 636 mm / 2'-1.5" 19" touchscreen Input level (internal & external) h: 950 mm / 2'-3.5"	Environmental facts: Noise Level: Less than/equal to 55dB per module Humidity: Max 80% non condensing Working temperature (internal): +5°C - +40°C / 41°F - 104°F Working temperature (external): -15°C - +60°C / 5°F - 140°F
RFID specification:	Operating frequency: 13.56 MHz, max transmitting power: 1.2W Supported tag types: ISO15693 / ISO18000-3 Mode 1 Radio approvals: Europe (EN 300 330), US (FCC 47 CFR Part 15), Canada (IC RSS-GEN, RSS-210)	bulkSeparator Operating frequency: 13.56 MHz, max transmitting power: 5W Supported tag types: ISO15693 / ISO18000-3 Mode 1 Supported user cards Operating frequency: 13.56 MHz, max transmitting power: 100mW Supported tag types: ISO15693, ISO18000-3 Mode 1, ISO14443A/B Radio approvals: Europe (EN 300 330), US (FCC 47 CFR Part 15)
Item performance:	2,400 item per hour to be sorted, depending on LMS/ILS response time and flex AMH configuration	
Login types:	Barcode , Mifare , Legic	
Standards / certification:	CE, FCC, UL, RCM All devices running on 24V DC low voltage Machinery directives 2006/42 EN Relevant low voltage directives Relevant electromagnetic submission and radiation directives	
Reporting:	Configuration and reporting is available via our optional libraryConnect devices central management software	
Software:	quickConnect AMH software is delivered pre-installed and pre-configured with all AMH systems. Supports LMS/ILS protocols SIP2 and NCIP and is data model independent. flexVisualizer™ provides quick information and an instant virtual view of the configured AMH system.	
Dimensions of items that can be sorted:	minimum: h: 100mm / 3-15/16" w: 100mm / 3-15/16" d: 5mm / 3/16" maximum: h: 410mm / 16-1/8" w: 360mm / 14-1/8" d: 120mm / 4-11/16"	
Weight of items that can be sorted:	maximum: 10lbs (4.5kg)	
flex bulkSeparator performance:	900 per hour rate yields up to 50% of items to the exceptions bin. Generally, processing less items per hour yields fewer items to the exceptions bin.	
Options:	Hardware: External weather resistant proofing (rain/bright conditions) Mounting collar Hold slip printer Item barcode reader Mifare Reader for user identification cards RFID Antenna in frame - for RFID user cards or items Declining conveyors Turntable and curve modules Lift systems	flex bulkSeparator** flex bin in large or small size flex autoBin flex stackingCart (incl. turn table) Tote sorting Software: Reject function Unsecure function libraryConnect devices central management software

* Subject to change based on custom configuration

** flex AMH bulkSeparator works with RFID enabled items only

Although we make every effort to ensure information is correct at the time of release, it is possible that specifications and features may vary or change over time. bibliotheca therefore makes no representations or warranties as to the completeness or accuracy of the information contained within this document.



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