

# return solutions

## Key Benefits:

- Items are checked-in and security is activated immediately
- Patrons can instantaneously borrow more items
- It's convenient with access 24 hours a day, 7 days a week
- Improved ergonomic workflow for staff
- Staff time can be reallocated for more meaningful tasks



Automated return and sortation systems allow your staff the freedom and flexibility to spend more time with patrons and carry out more meaningful tasks. Our range of solutions provides options for all library situations. From minimal budget and space constraints to fully involved complex sorting systems, we have a solution that will fit your exact needs. All systems will automatically process returned items and transport them into the correct destination without taking up precious staff time.

We build your library installation around the specifications you give us. 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.



# technical specifications

## Patron frontend dimensions

### Without touchscreen:

h: 590mm / 23.23" | w: 555mm / 21.85"  
Input level (internal & external)  
h: 949 mm / 37.36"

### With touchscreen\*:

h: 687mm / 25.87" w: 535mm / 21.06"  
Input level (internal & external)  
h: 950 mm / 37.40"

\*Subject to change based on custom configuration

## Patron frontend environmental facts

Noise Level: Less than/equal to 55dB per module  
Humidity range: Between 80 - 85% non condensing  
Working temperature (internal): +5°C - +40°C / 41°F - 104°F  
Working temperature (external): -30°C - +55°C / -22°F - 131°F

## Item performance

Between 600 and 2,400 items/hour depending on LMS/ILS response time and return solution configuration

## Standards / certification

IP54, CE, ADA/DDA compliant

## Options to choose from

### Software:

Reject function – all models  
Unsecure function – all models  
smartadmin™ central management software

### Hardware:

External weather resistant proofing (rain/bright conditions)  
Sliding window  
Mounting collar  
Hold slip printer  
Item barcode reader  
Mifare Reader for patron identification cards  
RFID Antenna in frame - for RFID patron cards or Items  
Declining conveyors  
Lift systems  
Large or small size bins  
Bin covers  
Ergonomic vertical stacking carts

## Reporting

Configuration and reporting is available via our optional smartadmin™ central management software.

## Software

smartreturn™ software is delivered pre-installed and pre-configured with all AMH systems. Supports LMS/ILS protocols SIP2 and NCIP and is data model independent

## Dimensions of items that can be sorted

minimum: h: 100mm / 3.94' | w: 100mm / 3.94' | d: 3mm / 0.12'  
maximum: h: 410mm / 16.14' | w: 360mm / 14.17' | d: 120mm / 4.72'

## Weight of items that can be sorted

maximum: 4 kg / 8.8 lbs

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