



- New Features - Smart Bins

Smart Bins are wheeled bins that contain an automatic floor controlled by a photoelectric eye that detects the presence or absence of items. A transfer conveyor stops books at a sort location and transfers them to a Smart Bin. Bin locations have been pre-programmed based on library sort requirements. The bins communicate their load status with the AST system, and inform operators when they are full.



Smart Bin Controller

New Controller Features

- **Indicator Lights**
 - Battery Charge Level—Indication of battery charge level, when the battery is charging, and when the battery is not detected
 - Bin Full Light—Indication of when the bin is full (when the bin floor reaches the lowest level)
- **Solid State Components** (Replace Mechanical Relays)
 - Better management of motor operation
 - Power surge reduced to eliminate arcing when connected to 120 V outlet
 - No power switching relays
- **Control Cable Connection**—Improved visibility of flexible cable that connects the bin to the AST system
- **Manual Bin Control**
 - Allows use of manual controls while bin is connected to the AST system
 - Automatic reset of bins from manual control to AST system control after 30 seconds of non-use
- **Compatibility**—Works with legacy I/A 125 Smart Bins, utilizing removable bin controller box
- **Power Saver**
 - Controller turns off after 30 seconds of non-use when disconnected from the AST system
 - Battery level indication remains on as long as the battery is connected



Smart Bin

www.tech-logic.com

1818 Buerkle Road ◊ White Bear Lake, MN 55110 ◊ Tel: 651.747.0492 ◊ Fax: 651.747.0493