

Sorting

Vista Sorting

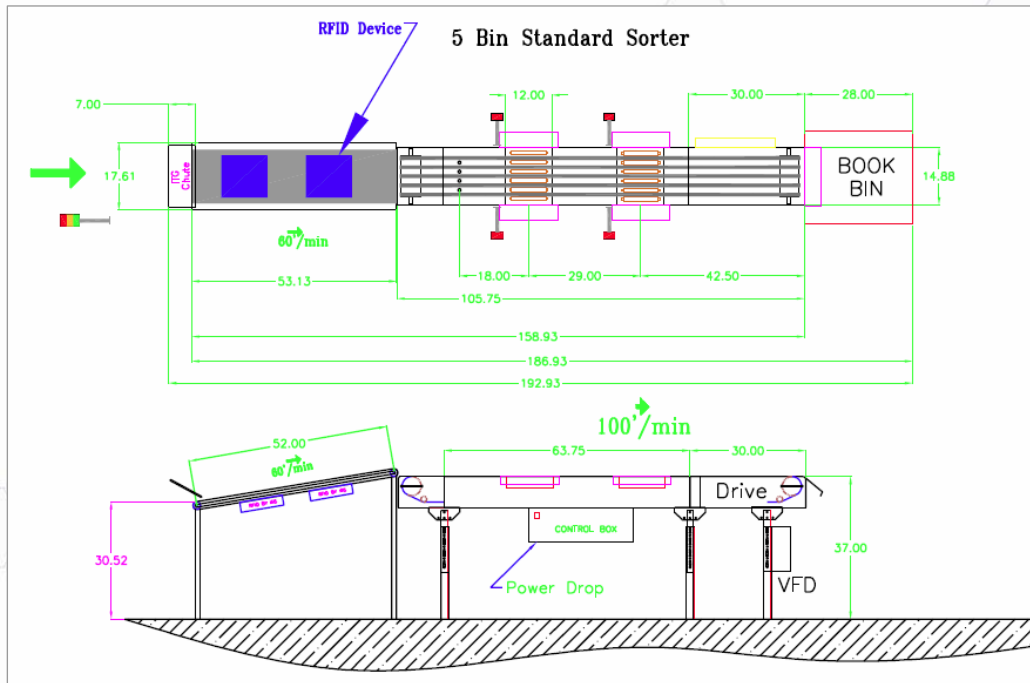
RFID700-x

Vista Sorting works with the Apex VistaReturns™ software to create an automated materials handling (AMH) system designed to check in returned items, reactivate their security bits, separate materials that are on reserve, and assign the other items to their appropriate locations, according to library-defined criteria. The system can also alert staff when a bin is full and should be emptied. Items without RFID tags or items not identified for any other reason are delivered to a designated *exception* bin for further examination and processing.

Installation Requirements

1. The in-wall book drop chute should be installed by the library prior to the installation of the RFID700. To meet ADA requirements, the front elevation (distance from the outside floor to the drop-chute opening) should not be greater than 48". The rear elevation (distance from the inside floor to the bottom lip of the drop-chute) should be approximately 31".
2. The RFID700 system should be within a climate-controlled area, and the conveyor must be in direct proximity to the drop-chute. The installation area must be large enough for the assembled unit plus 50% staging area (see dimension of system, below – overall length may vary according to actual number and size of sorting bins purchased).
3. Power should be available to the installation area. Standard model requires a minimum of four (4) 110V power connections (2 outlets total), equaling 30 amps, and must be properly conditioned and fused.
4. PC components require close proximity to the powered incline-belt section of the conveyor assembly (no greater than 8 feet), and must have access to a standard 120-volt power outlet (also no greater than 8 feet), and be within cable reach of a network connection. Ideally, computer workstation furniture provided by the library can be placed directly next to the powered belt roller and the computer components placed upon it.
5. Library must acquire SIP2.0 from its automation vendor (for use of the automated check-in software).
6. The system needs a static IP address. **Note:** Your actual specifications will vary, based on sorter size.

Physical Specifications



Note: The system illustrated here is a 5-bin sorter. Sorters will be configured for the specific number of bins the library requires (can be as few as three up to virtually an unlimited number). Add approximately 29" for each additional 2-bin section.



Book Drop with Traffic Light

ITG Provides:

- ✓ Conveyor assembly complete with belts, air-compressor and accessory hardware
- ✓ Multiple-Tag RFID Readers
- ✓ PC Computer, monitor, keyboard and mouse
- ✓ Graphics-capable thermal receipt printer (optional)
- ✓ Software for automatic check-in, sorting and tag-reactivation
- ✓ Traffic light to indicate to patrons when to drop items in the chute
- ✓ Signage
- ✓ Installation and training

Customer Provides:

- ✓ Installation of in-wall section of book-drop, faceplate and chute (and weather-hood, if used)
- ✓ Electrical and network connections
- ✓ SIP2.0 (from automation vendor)
- ✓ Computer workstation furniture, or suitable counter space for placing computer components and printer
- ✓ Book bins

