

# Aisle-Saver<sup>®</sup>

By Borroughs

## Mobile Storage

### ELS 1000 Aisle-Saver<sup>®</sup> System

Now with "Smart" Technology for Unmatched Performance and Reliability

Borroughs new ELS 1000 Aisle-Saver System features solid-state electronics for fast installation, improved reliability and enhanced safety. The ELS 1000 offers the latest in available electronic technology. Our "plug-and-play" components save time and money on initial installation. And, fewer moving parts offer increased system reliability and enhanced productivity.

New "smart" technology provides advanced functionality for improved performance and a closer relationship between the operator and the system. Maximum flexibility in programming allows users to easily "customize" for desired security and safety. Also, the software is designed for easy upgrading as additional features become available.

Borroughs Aisle-Saver systems are an economical way to add space, increase storage capacity, defer facility moves and scale back capital expenditures. With the push of a button, an aisle can be created when and wherever needed. Redundant passive and active safety systems provide reliability, user confidence and performance.

#### Electronic Aisle Control Pad

The touch pad control has been designed for easy operation. There is no special training or programming needed for new users. All system functions are clear and easy to understand, with no moving parts to fail. Just the press of a button opens a 36" wide aisle in eight seconds.

#### Patented Light Carpet<sup>®</sup>

Borroughs exclusive Active Safety System will not allow an aisle to close if persons or objects enter the aisle and do not leave the aisle. *Light Carpet* sensors, placed on 3" centers, track personnel and objects along the entire length of the carriage. Not affected by heat or load conditions, the system makes it virtually impossible to inadvertently close an aisle on a person or valuable object.

#### LCD Master Control

The numerical touch pad is standard for controlled/keyless entry. An LCD diagnostic status monitor displays the location of the obstruction within the system. Obstructions are easily found and cleared. The system will not allow the aisle to close until the aisle is cleared and the control is reset.

#### Standard Features of the ELS 1000

- No limit switches or plungers-minimizing potential for mechanical failure.
- Soft start and stop for extended motor life and storage media protection.
- Any safety activation stops unit movement immediately.
- Sequential carriage movement minimizes power consumption.
- No keys or transponders required for programming or operation.
- Authorized users can be required to enter access code for secure operation.
- Modular design-select only the features you need.
- Electrical systems are U.L. Listed.
- Meets applicable ADA requirements for accessibility.



#### Programming Features

- Problems quickly diagnosed for reduced downtime and repair expense.
- Aisle spacing can be reconfigured to accept any depth of media.
- The supervisory override controls all system features and permissions.
- Security levels can be set to prevent unauthorized entry.
- Unit can be programmed to reset automatically or manually at user option.
- No reprogramming is necessary if power is interrupted.
- Aisles can be locked down for convenience during peak periods.

#### Safety System Integration

The Borroughs ELS 1000 System can interface with any known electro-mechanical safety device. Integration with building environmental systems such as fire suppression, alarms, and HVAC, can provide an automated response to changing conditions or establish off-hour positioning.

#### Optional Safety Features

- Aisle Entry Protection* detects entry at the threshold of the system.
- Light Carpet* is our patented† array of infrared sensors, running the entire length of the carriage to prevent an inadvertent aisle closure on a person or object.
- Carriage Infrared Sweeps* run the entire length of the carriage, at the leading edge, to detect persons or objects in the aisles.
- Fire Park Position* can be set to open or close carriages at user option.
- Anti-tip Protection* to meet seismic requirements or where applicable.
- Safety Beacon* provides visual indication of an aisle opening.
- Warning Horn* provides an audible signal of an aisle opening.

†U.S. Patent No. 5,408,089



### Optional Convenience and Security Features

*Uninterrupted Power Supply* provides back up in case of power outage.

*Dual Controls* are available for access from either side.

*Automatic Aisle Lighting* that illuminates only when the aisle opens.

*Carriage Lock* allows selected carriages to remain open during high traffic periods or to remain closed for security.

*Aisle Lock* for controlled or restricted access.

*Manual Override* to access the system in the event of a power outage.

*Time Delay Movement* can automatically close an unoccupied aisle.

*Key Code Access* allows supervisor to assign varying levels of accessibility.

### Selection

Aisle-Saver carriages, superstructures and skins are available in 21 standard

Borroughs powder coat colors or in custom colors to match any décor.

End panels are available in painted steel or a variety of laminates, wood,

fabric or custom inserts.

### Specifications

- Load: 1000 lbs./lineal foot
- Carriage Lengths: 3' to 60'
- Carriage Widths: 15" to 60"
- 36" Aisle Opens in eight seconds
- Solid State Electronic Controls
- Passive and Active Safety Systems
- U.L. Listed 24 volt D.C. 1/7 hp Motor
- ADA Compliant
- Five Year Warranty
- 115 VAC, 50/60 Hz Power Supply

### Aisle-Saver Systems have been designed for

- Law Libraries
- Public and Private Libraries
- Museums
- Medical Records Storage
- Government Offices
- Fine Art Storage
- Archival Storage
- Media Storage
- Herbariums
- Archaeological Storage
- Back-Room Storage
- Files or Folders
- Parts or Supplies



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