

# ECLIPSE

POWERED SYSTEM<sup>®</sup>



# TAKE POWER

Eclipse runs on your imagination.

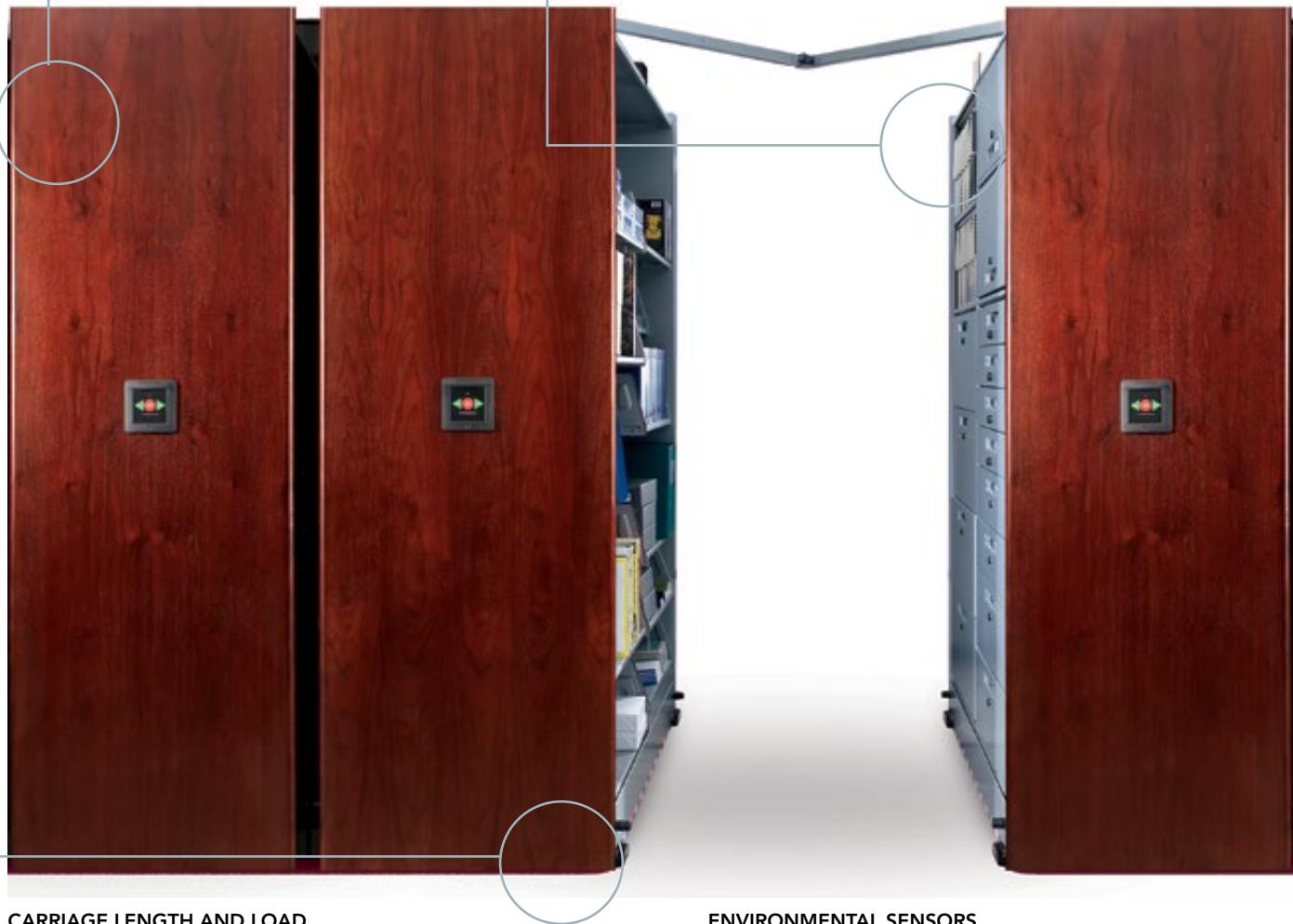
Fueled by an a la carte flexibility that lets you configure just the powered storage system you want – and can afford.

## DESIGN OPTIONS

Choose from a wide range of available colors, finishes and end-panel materials. On request, we'll customize your Eclipse end panels with a functional, aesthetic look that complements your environment.

## HOUSINGS

Virtually any type of storage housing can be mounted on Eclipse mobile carriages – even your existing shelving and cabinets. Case-type, four-post and cantilever shelving is available, too, as well as drawers, bins, trays, lateral files, doors, industrial rack shelving and storage accessories.



## CARRIAGE LENGTH AND LOAD

Available in standard lengths from 3 feet (0.9 meters) up to 81 feet (24.6 meters), each Eclipse Powered System carriage has a minimum load-carrying capacity of 1,000 pounds per linear foot or 1,500 kilograms per linear meter.

## ENVIRONMENTAL SENSORS

Optional environmental sensors check for temperature and humidity levels and the presence of water near your system, and automatically trigger an auto move if conditions are unacceptable.

# AS FAR AS **YOU** WANT.

## LIGHTING

Add optional LED overhead lighting for safety and convenience. Open an aisle, and lights turn on automatically over just that aisle or the entire system.

## POSITIONING

Your system can be programmed to automatically reset to remain open to the most frequently accessed aisle, or for each aisle to remain partially open to ensure ventilation.

## NON-CONTACT DISTANCE SENSORS

Carriage spacing is easily programmed on infrared distance sensors to improve reliability, protect stored materials and minimize component wear caused by motor time outs due to overhanging items.



## CONTROL

Activate your system with the standard Touch Technology Control™, an optional base control head (shown on this system), an optional infrared-capable control, or wireless access with our TUSC™ Control app.

## SAFETY

A full range of standard and optional automatic passive, in-aisle safety systems protect your personnel, from waist-high and aisle-entry sensors to photoelectric or mechanical floor-level sweeps.

# WE'RE OBSESSED WITH SAFETY.

**WHEN IT COMES TO SAFETY, THERE'S NO IN BETWEEN.  
THAT'S WHY WE'VE DESIGNED ECLIPSE WITH EVERY  
SAFEGUARD YOU CAN THINK OF. AND A FEW YOU HAVEN'T.**

Eclipse Powered Systems are the safest high-density mobile storage solutions you can buy.

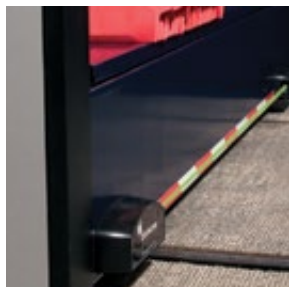
In fact, Eclipse Powered Systems' built-in safeguards help prevent users from getting trapped or injured by the moving system. A passive, in-aisle safety system stops carriage movement – automatically and instantly – when a person enters a moving aisle and prevents movement if a person or object is detected in an open aisle.

Closed-loop control keeps carriages from moving if a component fails. An optional app or remote control lets you open, stop or reset the system from a distance. And built-in anti-tip devices add system stability.

Eclipse helps protect your stored materials, too, with optional environmental sensors and electronic links to your building's fire protection and security systems.

With Eclipse, you use your powered system with full confidence and peace of mind.

And never give safety a second thought.



#### **LIGHT-IMMUNE PHOTO SWEEP**

Unaffected by sunlight and ambient light extremes, the Light-Immune Photo Sweep® ensures safety under all lighting conditions.



# SO **YOU** DON'T HAVE TO BE.



## **WAIST-HIGH PHOTO SWEEP**

A set of Photo Sweep sensors can be mounted at waist height for added safety and peace of mind.

## **THE ENTRY/EXIT ZONE**

In the first 30 inches (762 mm) of each aisle end, cross-aisle ZFS sensors mounted on 6-inch (152 mm) centers (versus 12-inch [305 mm] centers the rest of the carriage length) ensure safety and automatic reset upon exiting.

## **AISLE-ENTRY SENSOR**

If a person enters a closing aisle, cross-aisle sensors mounted 20 inches (508 mm) up from the carriage base stop the system from moving.

## **PHOTO SWEEP**

An infrared and visible red light beam projected the length of the carriage at its base stops system movement when broken by a person's foot or other object. An optional mechanical safety sweep is also available.

## **SAFETY LOCK OUT**

Touch Technology Control and the Mobile Control app indicate when a person or object is in an open aisle and prevent the selection of a new aisle until the open aisle is checked.

## **ZERO FORCE SENSOR**

By projecting multiple infrared photoelectric beams across an open aisle the full length of the carriage, the Zero Force Sensor® (ZFS) system detects a person's entry into a moving aisle or presence in an open aisle and automatically locks down carriage movement.

# ECLIPSE PUTS YOU IN CONTROL.



Touchpad Control with Display & Audit Trail



Touchpad Control



Touch Technology Control



TUSC™ Control App

A choice of control options lets you tailor operation of your Eclipse Powered System precisely to your preferences.

# IT'S ABOUT **MORE** THAN STORAGE.

**IT'S ABOUT ACCESS. IT'S ABOUT GETTING TO WHAT YOU NEED QUICKLY. EASILY. EFFICIENTLY. WITH MINIMUM HASSLE. FOR MAXIMUM PRODUCTIVITY.**

As convenient and easy to use as an elevator, a powered high-density mobile storage system far outperforms manual or mechanical-assist systems. So your staff is more productive and efficient. And your workflow is more streamlined.

To open an aisle, simply push the intuitive green arrow on the TUSC™ Control app or the Touch Technology Control™ touchscreen. Touching the red stop sign or anywhere on the touchscreen control on any carriage immediately halts all moving carriages. You can also configure your Eclipse system to automatically reset to any preferred position.

So you can keep your system normally open to your most heavily used aisle or aisles. And ensure quick, direct access to your most frequently needed materials.

Eclipse Powered Systems can also be readily configured to comply with all ADA accessibility requirements for control height, aisle width and ramping.

Compare the efficiency of using an Eclipse Powered System to using a mechanical-assist system. And you'll quickly see the time, cost and productivity benefits of powering up.

No question.

Programmed system movement options let you position carriages just where you want them. Automatically open a heavily used aisle. Close all aisles. After hours, open aisles evenly for ventilation. Open each aisle in sequence. Even move all carriages to predetermined positions when the fire alarm system is activated.





LOOK LED LIGHTING

USE INSTRUCTIONS



DECORATIVE





# TIME WILL TELL.

**IT'S NOT JUST HOW MUCH YOU CAN GET INTO YOUR ECLIPSE. IT'S HOW MUCH YOU'LL GET OUT OF IT. BECAUSE SUPERIOR TECHNOLOGY MAKES ECLIPSE THE MOST RELIABLE AND DURABLE POWERED STORAGE SYSTEM EVER.**

Rigid, welded-steel uniframe carriages keep drive train components aligned to eliminate binding. Precise rail systems limit lateral movement and increase structural rigidity. And fully supported and grouted rails distribute system weight evenly and eliminate flexing.

Superior drive and guidance systems ensure positive tracking, better system stability and less wear. Recessed-mounted storage housings become an integral part of the carriage, adding structural rigidity. And rugged shelving and cabinets of heavy-gauge, cold-rolled steel increase rigidity and strength.

There are fewer moving parts. Non-contact distance sensors. Sure, dependable connections. No-touch circuit boards. Life-cycle-tested microprocessor controls.

No wonder Eclipse easily handles the heaviest loads and continuous use, day in and day out. Year in and year out.



Lose building power, and Eclipse's optional battery backup automatically maintains full system functionality, with full-speed, multi-carriage movement and all safeties. Or plug the optional rechargeable battery pack power override unit into the face panel control to move individual carriages at reduced speeds.

# SECURITY WITH SOME REAL TEETH TO IT.

**YOUR SECRETS ARE SAFE WITH US.  
THAT'S BECAUSE ECLIPSE MAKES SECURITY SIMPLE.  
SURE. EVEN AUTOMATIC.**

Any confidential, sensitive or proprietary files or materials can be stored safely and securely in an Eclipse Powered System.

You can easily prevent unauthorized access to selected aisles or even the entire system. The standard Touch Technology Control™, the optional TouchPad, or TUSC™ Control App lets you regulate access to restricted aisles. Optional locks allow individual carriages to be key-locked in the closed-aisle position. The system can also be programmed to automatically close and lock itself.

DC drive motors on each carriage ensure smooth acceleration and deceleration to safeguard stored materials. Provide dynamic braking to stop a moving carriage when a safety feature is activated. Or hold a carriage in place when not moving.

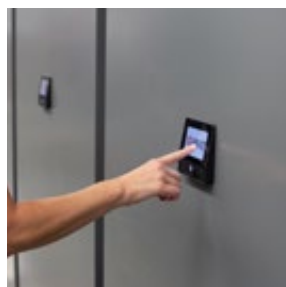
Your stored materials can also be protected by electronically linking your Eclipse system controls to your building's fire alarm, sprinkler or security system.

Eclipse security? It's a lock.



## **AUTOMATIC AISLE CLOSING**

Eclipse can be programmed to automatically close all aisles during periods of inactivity to prevent unauthorized access, as well as the penetration of light, environmental dust and debris.



## **SECURE AISLE ACCESS**

The standard Touch Technology Control™ provides secure, PIN-controlled system access to aisles containing proprietary materials. Card access authorization is also available for the touchscreen control, as an additional purchase.



ST1-23  
ST2

ST1-103  
ST1-22







# ECLIPSE POWERED SYSTEM STANDARD FEATURES & AVAILABLE OPTIONS

Eclipse means configurability. Customize your Eclipse Powered System by adding to its standard features just the options you need and will use right now. Then add more options and functionality as your needs evolve.

## STANDARD FEATURES

### Safety/Security

- Light-Immune Photo Sweep
- Programmable Carriage Follow Distance
- Core Logic Accommodating up to 3 Safeties per Side

### Ease of Use / Productivity

- Programmable Speed
- Simple, Intuitive App & Touchscreen Control
- Programmable Auto Moves

### Reliability

- Sure, Dependable Connections
- Static Discharge Protection
- Fail-Safe Technologies
- Non-Contact Distance Sensors
- Bluetooth Diagnostic Capabilities

## AVAILABLE OPTIONS

### Safety/Security

- Zero Force Sensor Automatic Passive Safety System
- Aisle-Entry Safety Sensor
- Mechanical Safety Sweep
- Building Interface Module (Fire/Sprinkler/Security)
- Environmental Monitoring
- Automatic Brake

### Ease of Use / Productivity

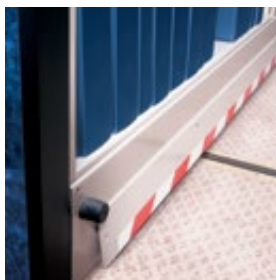
- Automatic overhead LED aisle lighting
- Programmable Auto Moves
- Carriage Lengths up to 81 Feet (24.6 Meters)
- Split Carriages Capability to Maximize storage
- Auto Reset
- Programmable Aisle

### Convenience

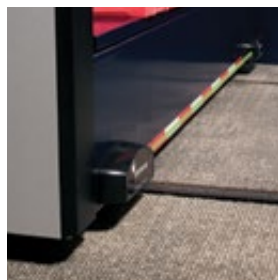
- Infrared-Capable Control with Remote User Key
- Remote access with TUSC™ Control App
- Works-In-A-Drawer
- "Plug-In-The-Wall" Power

### Reliability

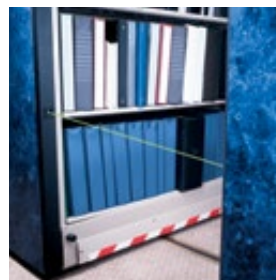
- Optional Drive & Guidance Systems
- Automatic Battery Back-Up
- Rechargeable Power Override Unit



**MECHANICAL SAFETY SWEEP**



**LIGHT-IMMUNE PHOTO SWEEP**



**AISLE-ENTRY SAFETY SENSOR**



**ZERO FORCE SENSOR SYSTEM**

# NO ONE PACKS MORE INTO EVERY **STORAGE** **SOLUTION.**

**A TAILORED STORAGE SYSTEM THAT MEETS YOUR UNIQUE CRITERIA. SINGLE-SOURCE TURNKEY PROJECT MANAGEMENT. FACTORY-CERTIFIED SYSTEM INSTALLATION. A NATIONWIDE SALES NETWORK. ONGOING LOCAL MAINTENANCE, SERVICE AND SUPPORT.**

With over 100,000 installed systems – more than all of our competition combined – Spacesaver leads the industry in customized, high-density mobile storage solutions.

Almost any type of material – regardless of its size, weight or shape – can be stored in Spacesaver Powered Systems. Designed to maximize your storage space, they often more than double storage capacity in the same floor space. They also provide an extraordinary level of quality, as our ISO 9001 certification attests.

We alone have the know-how and resources to develop and perfect the advanced technology that makes a solution such as Eclipse possible.

And that makes power easy.

To choose.

To use.

To afford.

To rely on.



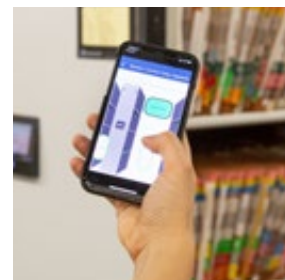
**AUTOMATIC BATTERY  
BACK-UP**



**RECHARGEABLE POWER  
OVERRIDE UNIT**



**INFRARED-CAPABLE  
CONTROL WITH REMOTE  
USER KEY**



**TUSC™ CONTROL APP**





Spacesaver Corporation  
1450 Janesville Avenue  
Fort Atkinson, WI 53538-2798  
800.492.3434  
[www.spacesaver.com](http://www.spacesaver.com)