



# **Sayfglida**<sup>®</sup>

horizontal fall protection

**ISO 9001**



What the crew up there wants to wear.™

# Sayfglida® – Unrivaled Horizontal Protection

## Reliable, Simple and Safe

Some of the most common fall hazards occur when workers operating in the horizontal plane do not have continuous access to suitable anchorage points, exposing them to unnecessary risk of injury or death should they fall when near a vertical drop. These situations are found throughout industry (typical applications are illustrated throughout this brochure). In all cases, installation of DBI/SALA's Sayfglida® system provides complete protection—without restricting the ability of workers to perform their normal operations.

DBI/SALA knows you need comfort, mobility and safety while on the job. Our fully engineered permanent horizontal lifelines offer each of those features. Whether it is our durable 12mm Sayfglida® system that can span further between intermediates and accommodate more users than most systems on the market, or our lighter weight and more economical 8mm system, DBI/SALA has the horizontal protection system for you. Each combines ease of use, flexibility and low maintenance, guaranteeing optimum performance and worker satisfaction.

Typical applications include...

- |                     |                       |                    |
|---------------------|-----------------------|--------------------|
| Railcars            | Modular Home Building | Convention Centers |
| Bridges             | Aircraft Hangers      | Rooftops           |
| Truck Trailers      | Bridges               | Arena Rigging      |
| Busses/Mass Transit | Cranes                | Window Washing     |
|                     |                       | Exposed Walkways   |



## Exclusive Computerized Fall Analysis Program

During initial development, DBI/SALA commissioned the design of a sophisticated computer program to simulate any specified fall on any given Sayfglida® installation. Unlike ALL other manufacturers' programs which "predict" system loads, DBI/SALA's software measures actual falls in "real time," based on thousands of drop tests. It provides detailed information for use by a Certified Installer to custom-design each system specifically to the site. This unique computer software not only calculates the loading imposed on each system component and anchorage point, but also the arresting force and fall clearance needed by the worker. These calculations are critical and *must be based on actual test data to ensure worker safety*, not guesses or predictions.



## Unique Sayfglida™ Features

Sayfglida® is the world's most advanced horizontal lifeline system available, providing unrivaled levels of protection. The system utilizes a patented Sayflink® sleeve that slides easily over intermediate anchorage brackets and around corner brackets hands-free, with no manipulation required by the user. Install the system above, even with, or below the user. Total length is unlimited for ultimate versatility.

### Detachable Sayflink® Sleeve:

The patented Sayflink® Sleeve, when attached to a harness and lanyard/self-retracting lifeline, ensures a user-positive contact with the Sayfglida® system because of its ability to bypass all intermediate brackets and corner units. Chamfered helical surfaces provide smooth passage along the system with no manipulation required by the user (hands-free operation!). Built-in rollers assist in the effortless movement, and it can be easily attached or removed anywhere along the system. Constructed of stainless steel and with no moving parts, the Sayflink® Sleeve is ideal for harsh environments. A non-detachable model for use with in-line entry/exit units is also available.



### Corner Bracket:

Passage around curves is achieved through use of a Corner Bracket, a bent tube attached to an intermediate bracket to properly position the cable. It allows the Sayflink® Sleeve to bypass corners hands-free without the user detaching from the lifeline.



### Intermediate Brackets:

Manufactured from stainless steel, the Multi-Dimensional Intermediate Brackets are designed for installation in a variety of orientations above, even with, or below the user. This versatility ensures the Sayflink® Sleeve will always smoothly bypass the bracket, whatever the particular height of the cable installation. More importantly, should a fall occur, the brackets are designed not only to swivel on the anchoring bolt but also to deform in shape. This helps dissipate the energy generated by a fall and ensures minimal shock loads imposed on the user, limits line deflection, and allows for a reduction in anchorage point strength requirements.



### Shock Absorber:

For structures limited in strength, the Sayfglida® system can be configured with our in-line Zorbit™ energy absorber to limit forces and help control the end anchor loads.



### Swageless End Termination:

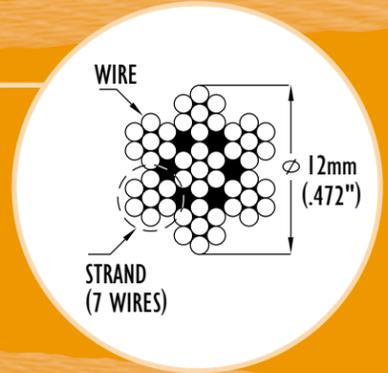
For final assembly, one end of the system is pre-swaged in the factory; the other is fixed into position with a stainless steel swageless termination using small hand tools. The swageless end fitting eliminates the need for a cumbersome swaging machine, saving time and money. Once installed, the system is then tensioned using the in-line tensioner.



## Cable:

After considerable research and development, an upgraded 12mm diameter, 7x7 construction, stainless steel cable with strength exceeding 18,000 lbs. was selected for this system. The Sayfglida® cable displays optimum energy dissipation characteristics without compromising strength, wear and erosion requirements. It allows greater span distances between intermediates (up to 100 feet depending upon application) and it allows more users (up to 6) than competitive systems.

An economical 8mm diameter, 7x7 construction, stainless steel cable with strength exceeding 8,800 lbs. is also available. This system makes it possible to span 30 feet between intermediates and allows up to 2 users. These properties (cable diameter, weight, and strength) are an ideal compromise between safety and aesthetics.



We offer much more  
for all your fall  
protection needs.

#### Harnesses / Body Belts



#### Work Seats



#### Lifeline Systems



#### Lanyards



#### Rescue/Descent Systems



Call today,  
to request  
our full-line  
catalog.



## Certified Installer Network

It is DBI/SALA's continual commitment to deliver quality products on time and for a fair price with the best training, technical assistance and customer service in the business. To do this we have set-up a network of Certified Installers throughout the United States to serve the horizontal markets on a regional and local basis. This allows DBI/SALA to focus on product quality and innovation. It also gives you the most competitively priced system on the market by utilizing regional or local labor for installation. Our Certified Installers are second-to-none and have been chosen for their industry experience, know-how and their commitment to worker safety. Working together, we are dedicated to providing exactly the right solution for your needs in the most responsive and cost effective way possible.

*IMAGINE YOURSELF* on a rooftop in 40 knot winds, 50 stories above the city, with the world rushing beneath and you're only a few feet from the edge...

*OR* standing on the narrow walkway atop a rail car with grain dust blowing in your eyes, making it hard to see...

*OR* balancing on a dirty narrow walkway on a crane rail which seems hundreds of feet above the shop floor and noisy machinery, and your job is to do some routine maintenance...

### **There is NO margin for error!**

Late in the day, when you're tired and your foot slips or you're in a harsh environment that is anything but safe, using our Sayglida® horizontal fall protection system means you'll make it home that night.



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