

DBI-SALA HORIZONTAL LIFELINE SYSTEMS

The Most Thoroughly Engineered On The Market

For years safety engineers and site directors have put their trust in the highly engineered DBI-SALA horizontal lifeline systems for superior technology and service. With the largest range of systems to fit the variety of applications, DBI-SALA horizontal lifelines offer significant benefits to enhance safety and productivity.

A horizontal lifeline is a complex system comprised of a flexible line with connectors at both ends for securing it horizontally between two anchorages or anchorage connectors. These systems are used to protect workers operating in the horizontal plane who may not have continuous access to suitable anchorage points. Horizontal lifeline systems include the lifeline component, necessary connectors and anchorages, and may include an energy absorbing component.



What to look for in a Horizontal Lifeline



ENERGY ABSORBER

Some systems have in-line energy absorbers to reduce the overall forces on the system. The DBI-SALA Zorbit™ energy absorber begins to pay out at a higher force than other industry models. This means in case of a fall, there will be less slack on the line for less fall distance. One energy absorber is used for units under 60' (18m). If over 60' (18m), a unit is used at each end.

LINES

Most horizontal lifelines are made from galvanized metal or stainless steel to prevent the system from wearing out through constant use or environmental factors. Synthetic lines are often used in temporary and indoor applications because they are lightweight and easy to install.

SWAGED ENDS

Swaging or welding guarantees a faultless link between the cable and the anchorage points, preserving the strength of the cable at its connection.

ADJUSTABLE TERMINATION

Adjustable Termination construction practices are fast moving so your equipment needs to be as well. The wedge grip termination allows the user to easily adjust and install cable type horizontal lifeline systems.

PRECISION ENGINEERING

A horizontal lifeline system may appear to be a basic line strung between two anchors. It is not! Proper engineering is critical to ensure a safe lifeline. Typical failures involve improper calculation of clearance, no account for sag in the lifeline, misunderstanding of anchorage strength and location. When a fall is experienced on a horizontal lifeline, the load is magnified back to the anchorage point generating tremendous force. The amount of sag amplifies the forces on the end anchors. Other factors include the number of workers using the system, overall length and the material used. Precision engineered systems that have endured rigorous testing and meet OSHA and ANSI requirements take the guesswork out of putting together a horizontal fall protection system.



Evolution™ Permanent Horizontal Lifeline Systems

Evolution™ is a permanently installed horizontal lifeline system that is completely customizable—straight or curved systems and unlimited length. The system offers multiple users the ability to be fully protected, working hands-free, bypassing intermediate bracket points without unhooking from the lifeline. The system can be installed in various orientations to suit site requirements including above or at the user's feet. We have a complete network of certified installers to custom design, price and install these systems. Please call us for details or visit www.horizontallifeline.com to locate an installer near you.








Permanent vs. Portable

Horizontal lifelines systems are classified as permanent or portable. Portable systems must be easy to install and remove. DBI-SALA portable lifeline systems are affordable and lightweight for quick installation and versatile use. Evolution™ is a particularly flexible system for companies seeking a permanent solution. It provides protection of their workplaces without any damage to the buildings or the structures into which the lifeline has to be incorporated.

Superior DBI-SALA technology for more confidence in your horizontal fall protection

SELECTION GUIDE

Product	Description	Recommended For	Installation	Energy Absorber	Cable	No. of Users Up to:
 Evolution™ Horizontal Lifeline System	Permanent Customizable system for any application	<ul style="list-style-type: none"> Plant/Facility Maintenance Manufacturing Municipalities Work 	Performed by Certified Installers	LEAP™ System	7x7 – 8mm Stainless Steel Cable	5 Users
 Sayflite™ Horizontal Lifeline System - Synthetic	Temporary The lightest synthetic portable horizontal lifelines available	<ul style="list-style-type: none"> Plant/Facility Maintenance Manufacturing Municipalities Work 	Easy with no special tools or equipment	In-line energy absorber	Kernmantle rope	2 users
 Sayflite™ Horizontal Lifeline System - Cable	Temporary The lightest cable portable horizontal lifelines available	<ul style="list-style-type: none"> Plant/Facility Maintenance Manufacturing Municipalities Work 	Easy with no special tools or equipment	Zorbit™	7x19 - 3/8" (9.5mm) galvanized	2 users
 Portable Guard Rail™ System	Portable Free-standing, portable fall prevention system that requires no surface attachments	<ul style="list-style-type: none"> Rooftops Leading edges Holes or openings on roofs or floors 	Easy – no tools	None required	N/A	N/A
 EZ-Line™ Horizontal Lifeline System - Cable	Temporary The easiest horizontal lifeline to install today	<ul style="list-style-type: none"> Plant/Facility maintenance Manufacturing Municipalities Work 	Very easy – no special tools required	Internal friction brake	7x19 – 1/4" (6.25mm) galvanized (6x37 – 5/16" (8mm galvanized in Canada)	2 users



PORTABLE GUARD RAIL™ SYSTEM

This is a totally free-standing, portable fall prevention system that requires no surface attachments. Versatile and affordable, it meets applicable OSHA and ANSI requirements.

- Skid resistant bases are light enough for one worker to move
- Bases incorporate built-in directional changes for rail, offering continuous protection
- Easy installation — insert railing into base fitting and tighten
- Bases are galvanized, rails are powder coated.

Portable Guard Rail™ Components and Systems

- 7900000** 6' (1.8m) Guard Rail Section, 42" (106cm) high, one base
- 7900001** 8' (2.4m) Guard Rail Section, 42" (106cm) high, one base
- 7900002** 10' (3m) Guard Rail Section, 42" (106cm) high, one base
- 7900004** Base assembly with guard rail fittings
- 7900010** 6' (1.8m) Guard Rail only
- 7900011** 8' (2.4m) Guard Rail only
- 7900012** 10' (3m) Guard Rail only
- 7900005** Splice Kit for Guard Rail
- 7900007** Swing gate, Adjustable from 23" (57.5cm) to 38" (95cm)
- 7900008** Roof Hatch System, for 30" (75cm) to 36" (90cm) opening - includes 2 rails, gate and hardware

NOTE: All part numbers are the same in Canada.

SAYFLINE™ SYNTHETIC HORIZONTAL LIFELINE SYSTEMS

The Sayflin™ horizontal lifeline systems are not only lightweight and easy to install, they are also extremely portable. Just disassemble and take to the next job. Engineered with DBI-SALA attention to quality and detail, the Sayflin™ system is a complete kit in its own carrying bag that is easily installed with no special tools or equipment.

- Complete with kernmantle rope lifeline assembly with a tensioning device for ease-of-use
- Two 6' (1.8m) tie-off adaptors are included to anchor the system to a structure



Sayflin™ Systems

- 7600502** 20' (6m) long
- 7600503** 30' (9m) long
- 7600504** 40' (12m) long
- 7600505** 50' (15m) long
- 7600506** 60' (18m) long
- 7600507** 70' (21m) long
- 7600508** 80' (24m) long
- 7600509** 90' (27m) long
- 7600510** 100' (30m) long

SYNTHETIC SAYFLINE™ CLEARANCE

(required above lower level or obstruction)

Span Length	1 User 6' (1.8m) Lanyard	2 Users 6' (1.8m) Lanyard	1 User SRL	2 Users SRL
0-10' (3m)	19'-1" (5.7m)	19'-5" (5.8m)	7'-11" (2.4m)	8'-11" (2.7m)
10'-20' (3-6m)	19'-5" (5.8m)	21'-5" (6.4m)	8'-5" (2.5m)	10'-3" (3.1m)
20'-30' (6-9m)	19'-9" (5.9m)	23'-4" (7m)	8'-10" (2.7m)	11'-6" (3.5m)
30'-40' (9-12m)	21'-3" (6.4m)	25'-9" (7.7m)	9'-4" (2.8m)	12'-9" (3.8m)
40'-50' (12-15m)	22'-6" (6.8m)	27'-11" (8.4m)	11'-3" (3.4m)	15'-6" (4.7m)
50'-60' (15-18m)	23'-10" (7.2m)	30'-2" (9.1m)	13'-2" (4m)	18'-3" (5.5m)

NOTE: All part numbers are the same in Canada.

Please note: See product instruction manuals for complete clearance information or different user scenarios.

SAYFLINE™ CABLE HORIZONTAL LIFELINE SYSTEM

The cable Sayflin™ system is highly portable and ideal for use in situations where welding, sparks or harsh environments are present or where minimal clearance exists. This all-metal system is durable enough to be left in place for long periods of time and light enough to be moved easily from one job to another. Engineered with DBI-SALA attention to quality and detail, the Sayflin™ system is a complete kit that is easily installed with no special tools or equipment.

- Lightweight and extremely portable allowing you to move it and reuse it over and over again
- Cable lifeline assembly and wedgrip termination for easy adjustability and installation
- Zorbit™ shock absorber for added safety, it allows you to use a standard 5,000 lb. rated anchorage connector such as our tie-off adaptor, fixed beam anchor, D-ring anchorage plate, etc.

NOTE: All part numbers are the same in Canada.

Sayflin™ Cable Systems

- 7602020** 20' (6m) long
- 7602030** 30' (9m) long
- 7602040** 40' (12m) long
- 7602050** 50' (15m) long
- 7602060** 60' (18m) long
- 7602070** 70' (21m) long
- 7602080** 80' (24m) long
- 7602090** 90' (27m) long
- 7602100** 100' (30m) long



CABLE SAYFLINE™ CLEARANCE

(required above lower level or obstruction)

Span Length	1-2 Users 6' (1.8m) Lanyard	1-2 Users SRL
0-10' (3m)	17'-11" (5.4m)	6'-11" (2.1m)
10'-20' (3-6m)	19'-2" (5.8m)	8'-0" (2.4m)
20'-30' (6-9m)	20'-6" (6.2m)	9'-1" (2.7m)
30'-40' (9-12m)	21'-10" (6.6m)	10'-2" (3.1m)
40'-50' (12-15m)	23'-1" (6.9m)	11'-4" (3.4m)
50'-60' (15-18m)	24'-5" (7.3m)	12'-5" (3.7m)

Please note: See product instruction manuals for complete clearance information or different user scenarios.

EZ-LINE™ RETRACTABLE HORIZONTAL LIFELINE

- Retractable lifeline pulls out for installation and retracts with built-in winch
- Customize your system length in any increment up to 60 ft
- Attaches to any 5,000 lb. rated anchorage connector or stanchion
- Built-in pretension and impact indicators
- 33% lighter than conventional systems



EZ-Line™ Cable Systems

- 7605060** 60' (18m) long
- 7605063** 40' (12.2m) long (Canada)

EZ-LINE™ CLEARANCE

(required above lower level or obstruction)

Span Length	1 User 6' (1.8m) Lanyard	2 Users 6' (1.8m) Lanyard	1 User SRL	2 Users SRL
0-10' (3m)	18'-2" (5.5m)	19' (5.8m)	7'-5" (2.3m)	8'-2" (2.5m)
10'-20' (3-6m)	18'-10" (5.7m)	20'-3" (6.2m)	8' (2.4m)	9'-0" (2.7m)
20'-30' (6-9m)	19'-6" (5.9m)	21'-6" (6.6m)	8'-7" (2.6m)	9'-10" (3.0m)
30'-40' (9-12m)	20'-2" (6.1m)	22'-10" (7m)	9'-2" (2.8m)	10'-8" (3.3m)
40'-50' (12-15m)	20'-10" (6.4m)	24'-1" (7.3m)	9'-10" (3m)	11'-6" (3.5m)
50'-60' (15-18m)	21'-6" (6.6m)	25'-4" (7.7m)	10'-4" (3.1m)	12'-4" (3.8m)