

Temporary Horizontal Lifeline Systems



**FrenchCreek**  
**FALL SAFETY**

*Because your life is on the line*



# TEMPORARY HORIZONTAL LIFELINE TRAVERSE

# STEEL

Meets or exceeds OSHA & ANSI requirements

*Extremely lightweight and portable, this system incorporates a modular multi-base design that accommodates a wide range of steel beams.*

Also Shown:

- STRATOS Full Body Harness
- ROGUE Dual Leg Sub-Compact SRL



*Ideal protection for increased mobility, productivity, and when overhead anchorage doesn't exist!*

## Product Highlights

Traverse Steel Series

**All Steel Construction**

**Lengths available 10'-240'**

**Easy setup & installation**

**Fits 6"-12"w, up to 2-1/4" flange  
(options available for beams up to 36")**

**Pass-thru adapters allow continuous  
tie-off and mobility**

**2 workers each span  
(up to 6 workers on multi-span system)**



## Complete Systems

TRV30S12 - 30' system, (6"-12" I-Beam base)

TRV60S12 - 60' system, (6"-12" I-Beam base)

TRV120S12 - 120' system, (6"-12" I-Beam base)

(additional lengths available)



## System Components

TRV-S12 - Stanchion for 6"-12" I-Beam base

TRV-S24 - Stanchion for 18"-24" I-Beam base

TRV-S36 - Stanchion for 24"-36" I-Beam base

TRV-PASS - Traverse system pass-thru bracket

CHL-CEA - Coil energy absorber with shackles

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# Typical Single Span System

## 30' & 60' Systems Include:

- ▶ (2) TRV-S12 (Stanchions for 6"-12" I-beam base)
- ▶ (1) Cable assembly with tensioner
- ▶ (1) CHL-CEA (Coil energy absorber)



**TRV-S12**

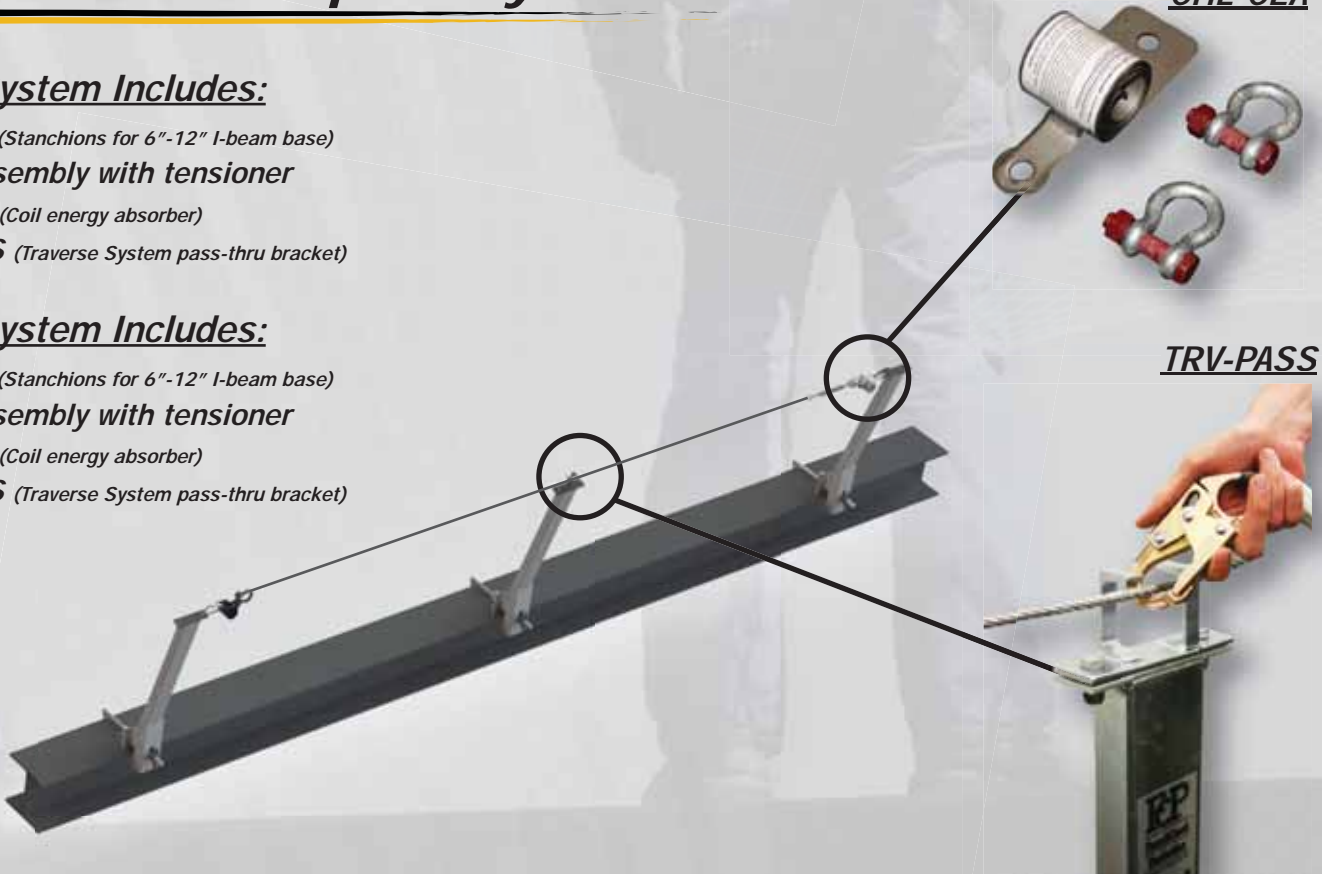
# Typical Multi-Span System

## 120' System Includes:

- ▶ (3) TRV-S12 (Stanchions for 6"-12" I-beam base)
- ▶ (1) Cable assembly with tensioner
- ▶ (2) CHL-CEA (Coil energy absorber)
- ▶ (1) TRV-PASS (Traverse System pass-thru bracket)

## 180' System Includes:

- ▶ (4) TRV-S12 (Stanchions for 6"-12" I-beam base)
- ▶ (1) Cable assembly with tensioner
- ▶ (2) CHL-CEA (Coil energy absorber)
- ▶ (2) TRV-PASS (Traverse System pass-thru bracket)



**CHL-CEA**

**TRV-PASS**

### Material Specifications

<b>Posts</b>	Zinc Plated Steel
<b>Lifeline</b>	Galvanized Steel Wire Rope
<b>Hardware</b>	Galvanized or Zinc Plated

### Performance Specifications

<b>Height</b>	42" working height (above beam)
<b>Weight</b>	60' system approximately 99.5 lbs
<b>Capacity</b>	2 users per span, 6 per total system



# TEMPORARY HORIZONTAL LIFELINE TRAVERSE

# CONCRETE

Meets or exceeds OSHA & ANSI requirements

An easy to install system for pre-stressed concrete beams, this attaches directly to rebar. With integrated pass-thru brackets the system gives your workers the freedom of movement.

Also Shown:  
• STRATOS Full Body Harness  
• ROGUE Sub-Compact SRL



Ideal protection for increased mobility, productivity, and when overhead anchorage doesn't exist!

Traverse Concrete Series

## Product Highlights

All Steel Construction

Lengths available 10'-240'

Easy setup & installation

Fits 1/2"-1 1/8" diameter rebar (#4-#9) and 6"-12 1/2" center to center

Pass-thru adapters allow continuous tie-off and mobility

2 workers each span  
(up to 5 workers on multi-span system)



## Complete Systems

TRV30C - 30' system, (concrete base tie-back)

TRV60C - 60' system, (concrete base with tie-back)

TRV120C - 120' system, (concrete base with tie-back)  
(additional lengths available)



## System Components

TRV-C - Concrete end stanchion & tie-back

TRV-TIE - Tie-back for concrete traverse & chain

CHL-CEA - Coil energy absorber with shackles

TRV-C-PASSTOP - concrete system pass-thru bracket

TRV-C-PASS - Concrete intermediate stanchion with pass-thru

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# Typical Single Span System

SPECS

## 30' & 60' Systems Include:

- ▶ (2) TRV-C (Concrete end stanchion & tie-back)
- ▶ (1) Cable assembly with tensioner
- ▶ (1) CHL-CEA (Coil energy absorber)



**TRV-TIE**

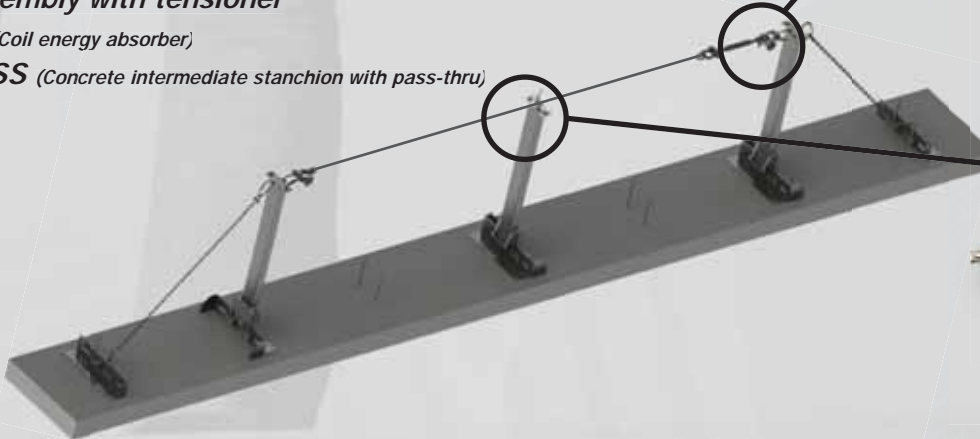
# Typical Multi-Span System

## 120' System Includes:

- ▶ (2) TRV-C (Concrete end stanchion & tie-back)
- ▶ (1) Cable assembly with tensioner
- ▶ (2) CHL-CEA (Coil energy absorber)
- ▶ (1) TRV-C-PASS (Concrete intermediate stanchion with pass-thru)

## 180' System Includes:

- ▶ (2) TRV-C (Concrete end stanchion & tie-back)
- ▶ (1) Cable assembly with tensioner
- ▶ (2) CHL-CEA (Coil energy absorber)
- ▶ (2) TRV-C-PASS (Concrete intermediate stanchion with pass-thru)



**CHL-CEA**



**TRV-C-PASSTOP**

### Material Specifications

<b>Posts</b>	Zinc Plated Steel
<b>Lifeline</b>	Galvanized Steel Wire Rope
<b>Hardware</b>	Galvanized or Zinc Plated

### Performance Specifications

<b>Height</b>	40" working height (above beam)
<b>Weight</b>	60' system approximately 99.5 lbs
<b>Capacity</b>	2 users per span, 5 per total system



# TEMPORARY KITS

## 2 Great Options

\*Easy to carry bucket included



### 1. Wire Rope Horizontal Lifeline System

The CHL system is a highly portable lifeline and is ideal in situations such as welding, where sparks or harsh environments are present. This wire rope system can be set in place for extended periods of time, or easily transported to a new location.



#### Product Highlights

- ▶ Durable wire rope system
- ▶ Highly portable and reusable system
- ▶ Compatible with any 5,000 lb anchorage device
- ▶ Easy, quick setup & installation
- ▶ 2 workers per span

#### Complete Systems

- ▶ CHL-30 system, (Adjustable up to 30' in length)
- ▶ CHL-60 system, (Adjustable up to 60' in length)

#### Systems Include:

- (1) Wire rope lifeline assembly with tensioner
- (2) Sliding tie-off rings
- (1) Stainless steel coiled energy absorber
- (2) 10' tie-off anchorage straps (with heavy duty wear straps)
- (1) Carry bucket for easy storage and transport

### 2. Synthetic Rope Horizontal Lifeline System

Made out of high strength Nerex® rope, the RHL system boasts an extremely lightweight design which is highly portable and easy to install. Providing safety and reliability, this system is ideal for maintenance, bridge work, construction and general industry applications.



#### Product Highlights

- ▶ High strength Nerex® rope
- ▶ Lightweight and highly portable design
- ▶ 2 tie-off adapters included
- ▶ Easy, quick setup & installation
- ▶ 2 workers per span

#### Complete Systems

- ▶ RHL-30 system, (Adjustable up to 30' in length)
- ▶ RHL-60 system, (Adjustable up to 60' in length)

#### Systems Include:

- (1) Nerex® rope lifeline assembly with tensioner
- (2) Sliding tie-off rings
- (1) Synthetic energy absorber
- (2) 6' tie-off anchorage straps (with heavy duty wear straps)
- (1) Carry bucket for easy storage and transport



# Which horizontal system is right for you?

*Although simple looking, and easy to install FrenchCreek's HLL systems are specifically engineered to unique applications. These systems are ideal for protection when overhead anchorage doesn't exist. The correct system will increase the mobility and productivity of your crew, and give them the confidence they need when working at height.*

*Here are some things to consider when choosing a system:*

## Anchorage Structure

*The structure your system must attach to; such as an I-beam, rebar stud, concrete column, or roof can dictate the type of specialized system requirement.*

## Clearance Requirements

*The most critical factor when it comes to choosing a horizontal lifeline is "fall clearance." OSHA defines "fall clearance" as the minimum vertical distance between the worker and the lower level or obstruction that is necessary to ensure the worker does not contact a lower level or obstruction during a fall. There are many factors that come into play when determining fall clearance including: anchorage height, type of lifeline, and length. Please review the user manual with your HLL system on specific "fall clearance" requirements, or feel free to contact FrenchCreek Fall Safety with any questions.*

## Lifeline Type

*Your work environment determines the type of lifeline required. Harsh environments that consist of sparks, abrasive or corrosive materials will require a galvanized or stainless steel option. A synthetic rope system is a great option in an application where being lightweight and compact is key.*

## Number of Users

*Always consider the number of workers required to get the job done. Each system allows for a maximum number of workers per span and must not be exceeded. Always take into account the number of workers per span when determining your "fall clearance."*

*Our mission, simply put, is to be the best in the business at saving lives. When it comes to working at height, being adaptable is vital. FrenchCreek Fall Safety takes pride in offering custom solutions to meet the needs and specifications of your safety engineers and site directors. Where else can you find a custom manufacturer that works with **YOU** directly?*

**Proudly American Owned and Operated for Over 25 Years!**





# FrenchCreek

## FALL SAFETY

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HLL1-REV A

*Authorized Distributor*