

Vertical Systems

New Ladder Regulations? FrenchCreek has the solution!

From a best practices standpoint, Frenchcreek has never been an advocate of ladder cages because they do not arrest falls. Thankfully, OSHA's new ruling was designed in part, to create more uniformity between the General Industry & Construction standards.

This new ruling creates a framework to phase out the use of ladder wells and cages on ladders already in use, as well as requiring new ladders to be equipped with a fall protection system.

OSHA States:

- For caged, fixed ladders erected before November 19, 2019 employers have up to 20 years to install ladder safety or personal fall arrest systems. (1910.28(b)(9)(i)(A))
- For new fixed ladders erected on or after November 19, 2018, the employer must equip the ladder with a ladder safety or personal fall arrest system. (1910.28(b)(9)(i)(B))
- For ladder repairs and replacements, when an employer replaces any portion of a fixed ladder, the replacement must be equipped with a ladder safety or personal fall arrest system.
- After November 18, 2036 all fixed ladders must be equipped with a ladder safety or personal fall arrest system. (1910.28(b)(9)(i)(B))

FrenchCreek's rigid rail, and flexible cable climbing systems meet and exceed OSHA's newest regulations, and are easily retro-fitted to any current ladder/ ladder cage to easily achieve compliance.

Shown:
VL-38 Flexible Cable Climbing System
22030B-BLK Navigator Full Body harness



Vertical Climbing Systems

Compatible Harness For Vertical Climbing Systems

When using a vertical climbing system, FrenchCreek recommends these harnesses when ascending or descending the Rigid Rail or VL Cable systems. These harnesses come standard with a waist D-ring for connection to the system keeping workers within OSHA compliance.

OSHA 1910.140(d)(1)(iv): Fall arrest systems must sustain the employee without making contact with the employee's neck and chin area.



◆◆ 850B-TS

- 6 point adjustment
- Hip positioning D-rings
- Waist D-ring
- Tongue & grommet leg buckles



◆◆ 22850B-TS

- 6 point adjustment with comfort waist pad
- Hip positioning D-rings
- Waist D-ring
- Tongue & grommet leg buckles



22030B-BLK

- Navigator Full body harness
- Wide waist belt & lumbar pad
- Comfort air mesh padding
- Several attachment points

Vertical Climbing Systems

Standard Features - VL-38 Flexible Cable Climbing System

FrenchCreek's VL-38 cable climbing system offers an innovative solution for vertical climbing that is easy to use, and requires minimal maintenance. The system's stainless steel construction stands up to the elements for extended periods of time, allowing permanent installation. Standard systems feature:

- ♥ Top & bottom bracket with tensioner
- ♥ Rung clamps for up to 1-1/8" diameter rungs
- ♥ 3/8" galvanized wire-rope lifeline permanently terminated at one end
- ♥ The appropriate amount of cable guides based on system length
- ♥ Standard lengths: 20'-300'

Ordering Options

*Final product #'s designated by length (standard 10' increments)
wire rope grab not included.*

VL-38-20

VL-38 system, 20' in length

VL-38-300

VL-38 system, 200' in length



System Components

1401A-38

Stainless steel wire rope grab
Includes shock absorber & carabiner
Fits 3/8" wire rope

VL-CG

Cable guide for VL-38 system
Fits up to 1-1/8" diameter ladder rung

C38

3/8" wire rope assembly for VL-38 system
Permanent eye one end, wire rope clips and thimble opposite end
Final product #'s determined by lengths example: **C-38-20, C-38-300**



Vertical Climbing Systems

Typical VL-38 System

20'-300' systems include:

- (1) **Top bracket (with hat clamps)**
- (1) **Bottom bracket (with tensioner)**
- (1) **C38** wire rope assembly

VL-CG appropriate amount of cable guides



1401A-38 (Sold separately)

Stainless steel wire rope grab
Includes shock absorber & carabiner
Fits 3/8" wire rope

VL-CG

Cable guide for VL-38 system
Fits up to 1-1/8" diameter ladder rung



Top bracket



**Bottom Bracket
& Tensioner**

Vertical Climbing Systems

Standard Features – Rigid Rail Climbing System

The rigid rail climbing systems provide maximum climbing safety for workers in a virtually any place that climbing must be done. The rail attaches quickly and easily to any ladder step iron or climbing surface. The trolley travels freely and easily along the rail and immediately arrests upon a fall.

▼ *When ordering a Rigid Rail system you will need to provide rung sizes, shapes, detail or other specifics.*

Rail Options

Product length specified by ladder height, please specify upon ordering.

1-1100-AR

Anodized aluminum rail
w/ mounting hardware

1-1105-SS

316 stainless steel rail
w/ mounting hardware

1-1100-CR

Curved anodized aluminum rail
w/ mounting hardware
Curved rail is custom and priced
per application



Trolley Options

◆◆ 2-1200A-AT

Climbing trolley for straight vertical
aluminum rail

◆◆ 2-1224A-AT

Climbing trolley for straight vertical
stainless steel & aluminum rails

2-1221A-AT

Climbing trolley for curved/straight
aluminum rail

2-1223-AT

Trolley for horizontal aluminum
rails



Vertical Climbing Systems

Typical Rigid Rail System

Standard Aluminum System includes:

(with rung clamps)

1-1100-AR vertical rail *(with ladder rung clamps)*

(1) 2-1200A-AT climbing trolley for aluminum rail

Choose the style of your rung clamp



- ◆◆ **2-1200A-AT**
Climbing trolley for straight vertical aluminum rail



Removable Extension

The removable extension is used to access a permanent rail system/ladder from the top, when a permanent extension is not possible or desirable. The extension is positioned into the existing permanent rail with a machined high-strength alignment bar and support channel.

- ◆◆ **5-1501**
54" removable aluminum extension rail
- ◆◆ **5-1502B**
42" removable stainless steel extension rail