

Vertical Climbing Systems



Solutions to the Newest Ladder Regulations

Shown:
Ridgid Rail System

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 to create more uniformity between general industry & construction standards.

OSHA has ruled:

After Nov. 19, 2018 any fixed ladder must be equipped with a ladder safety or personal fall arrest system. Fixed ladders erected before Nov. 19, 2018 have **20 years** to comply with this new standard. (1910.28(b)(9)(i)(A)), (1910.28(b)(9)(i)(B))

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Compatible Harnesses 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 buckle/grommet leg adjustments



- 22850B-TS**
- 6 point adjustment with comfort waist pad
- Hip Positioning D-Rings
- Waist D-Ring
- Tongue buckle/grommet leg adjustments



- 22030B-BLK**
- Navigator Full body harness
- Wide waist belt & lumbar pad
- Comfort air mesh padding
- Several attachment points

Vertical Climbing Systems

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

Ordering Options

Final product #'s designated by length. Available in 10' increments from 20'-300'.

VL-38-20
VL-38 system, 20' in length

VL-38-50
VL-38 system, 50' in length

VL-38-100
VL-38 system, 100' in length

VL-38-300
VL-38 system, 300' in length



System Accessories

1401A-38
Galvanized steel cable rope grab
Includes shock absorber & carabiner
Fits 3/8" and 5/6" wire rope

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



Vertical Climbing Systems

Typical VL-38 System

20'-300' systems include:

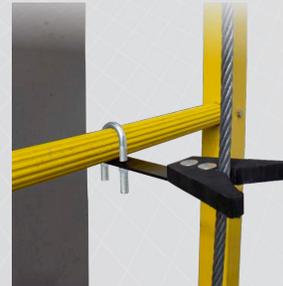
- (1) Top bracket (with hat clamps)
- (1) Bottom bracket (with tensioner)
- (1) C38 wire rope assembly

VL-CG appropriate amount of cable guides



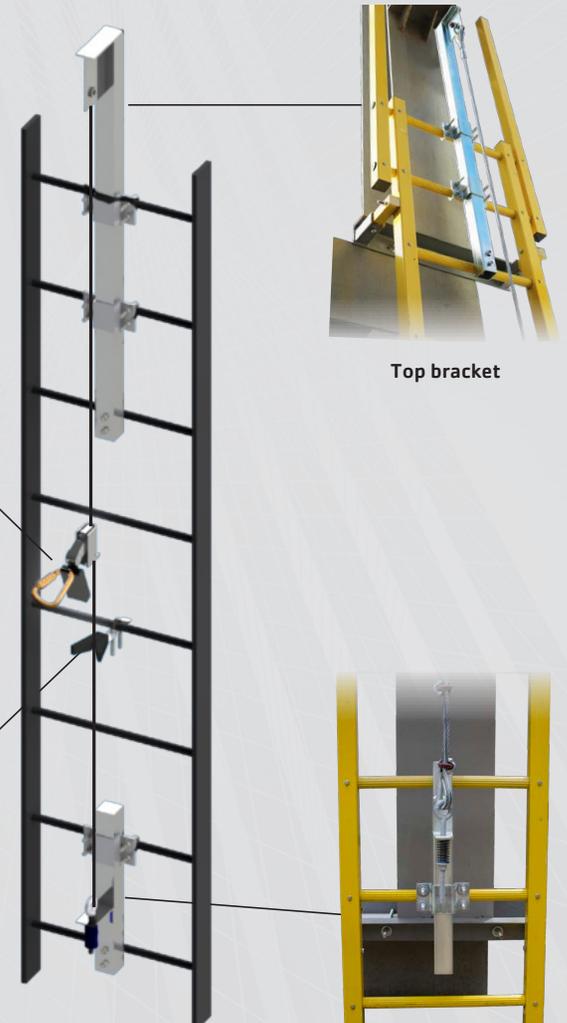
◆ 1401A-38 (Sold separately)

Stainless steel cable grab
Includes shock absorber & carabiner
Fits 3/8" and 5/6" 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

Rigid Rail Vertical Climbing System

The rigid rail climbing systems provide maximum climbing safety for workers in 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 with mounting hardware | 1-1105-SS
316 stainless steel rail with mounting hardware |
|---|---|

- 1-1100-CR**
Curved anodized aluminum rail with mounting hardware

Curved rail is custom and priced per application



Trolley Options

- | | |
|---|---|
| ◆◆ 2-1200A-AT
Climbing trolley for straight vertical aluminum rail | 2-1221A-AT
Climbing trolley for curved/straight aluminum rail |
| ◆◆ 2-1224A-AT
Climbing trolley for straight vertical stainless steel & aluminum rails | 2-1223-AT
Trolley for horizontal aluminum rails |



Vertical Climbing Systems

Typical Rigid Rail System

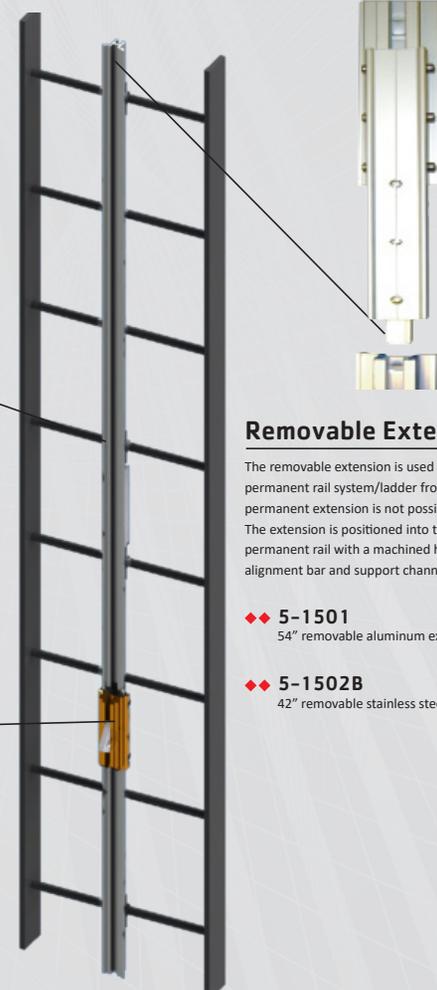
Standard Aluminum System includes:
(with rung clamps)

- 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