



FrenchCreek

FALL SAFETY

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Model# R50G, R50SS, R50T

Product Description:

Self-retracting lifeline capable of raising and lowering for rescue or retrieval. If a worker slips or falls, the braking system engages and the fall is arrested. The system can then be activated into retrieval mode, raising or lowering the worker to safety. The R50 also has a friction brake that prevents the crank handle from free-wheeling while under a load. Comes equipped with a bracket to fit FrenchCreek's Tripods, Davit system, and Quad Pod system. The unit also includes a #45 split pulley and carabiner for attaching the lifeline to an anchor point.

Rope Options:

- R50G – 50' galvanized wire rope
- R50SS – 50' stainless steel wire rope
- R50T – 50' Technora® synthetic rope

Material Specifications:

- Housing: Aluminum
- Rope Drum: Aluminum
- Brake Pawls: Bronze
- Main Spring: Stainless Steel
- Fasteners: Stainless Steel
- Carabiner: Alloy steel, plated, 1" gate opening, gate strength of 3,600 lbs. Minimum tensile strength of 5,000 lbs.
- Snap Hook: Alloy steel, plated, 3/4" gate opening, gate strength of 3,600 lbs. Minimum tensile strength of 5,000 lbs.
- Wire Rope:
 - 3/16" galvanized steel – tensile strength of 4,200 lbs.
 - 3/16" stainless steel – tensile strength of 3,600 lbs.
 - 3/16" braided Technora® rope – tensile strength of 5,600 lbs.
- Split Pulley: 2 3/8" aluminum sheave, bushing and stainless steel axle. Rope capacity 5/8" size 4.25x3.25in. Weight: .45 lbs. 91.4% efficiency.

Performance Specifications:

- Maximum fall arrest forces: 900 lbs.
- Maximum fall distance: 54 inches
- Capacity: 350 lbs.
- 5.1:1 Gear Ratio

Applicable Standards:

- ANSI Z359.1
- OSHA 1926-502, 1910.66



Revision: A

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