

# Tech-Spec Sheet

## Product No. R50

### R50 Series 3-way Unit

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#### Product Description:

The R50 Series Unit is a self-retracting lifeline capable of raising and lowering for rescue or retrieval. If a worker slips or falls, the breaking 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. The R50 Series units come equipped with a bracket to fit FrenchCreek's TP7 Tripod, TP9 Tripod, FCPD300 Davit System, and the FCPQ200 Quad Pod System. The unit also includes a #45 split pulley and carabiner for attaching the lifeline to an anchor such as a tripod. Order the R50 by choosing the preferred type of line:

**R50G** - 50' galvanized wire rope

**R50SS** - 50' stainless steel wire rope

**R50T** - 50' Technora® synthetic rope

#### Specifications:

- 5.1:1 Gear Ratio
- 350 lb capacity for personnel

Housing: Aluminum

Rope Drum: Aluminum

Brake Pawls: Bronze

Main Spring: Steel

Fasteners: Stainless Steel

Carabiner: 1" auto locking carabiner, zinc chromate plated, 100% proof load to 3600 lbs minimum tensile 5000 lbs

Snap Hook: RL-28 Plated Steel swivel snap hook with a 3/4" gate with impact indicator

Wire Rope: 3/16" 7 x 19 galvanized or stainless steel

Synthetic Rope: 3/16" 12-strand braided Technora®

Rope:

R50G: 50' Galvanized 3/16 wire rope

R50SS: 50' Stainless Steel 3/16 rope

R50T: 50' Technora® Synthetic Rope

#45 Split Pulley:

Consists of a 2 3/8" aluminum sheave, bushing, and stainless steel axle

Rope Capacity: 5/8" Size 4.25x3.25 in. Weight: .45 lb.

Efficiency: 91.4%

354-2 Auto-locking Carabiner:

1" gate opening

Cold formed zinc chromate plated

100% proof loaded to 3600 lbs

minimal tensile: 5,000 lbs

# 49 Swivel Locking Snap Hook:

3/4" gate opening

Cold formed zinc chromate plated

100% proof loaded to 3600 lbs

minimal tensile: 5,000 lbs

#### Applicable Standards:

OSHA Subpart M 1926.502, 1910.66

ANSI A10-14, Z359.1-2007