



# RESCUE AND DESCENT

# FALLTECH® RESCUE AND DESCENT

The versatility of the Rescue and Descent device provides users with the most functional and efficient operation available for use in installation and maintenance of cell towers, construction cranes, wind energy turbines and many other elevated jobsite locations. Delivering not only self and assisted rescue and controlled descent escape solutions, the device also provides vertical work lifting capabilities where other devices do not. The Rescue and Descent device is designed for overhead anchoring and personal sternal attachment for self and assisted rescue operations and provides the user with three lifting modes; the manually operated handwheel, a telescoping ratchet handle and a power drill adapter. All are standard equipment.

Rescue and Descent

Crane Rescue

Integral triple-mode lifting capability includes handwheel, ratcheting handle and power drill adapter.



Power drill mode is equally versatile in personal sternal attachment.

Telescoping ratchet handle adjusts from 12" to 18" for unmatched user lifting leverage.

Bi-directional design provides smooth shuttle operation for multiple successive descending users.

Centrifugal force brake system provides smooth descent and lower cost of ownership.

Paired belay hooks allow added user descent and suspension control during rescue applications.

Powder coated aluminum housing offers light weight and durability.

7/16" sheathed core kernmantle rope lifeline resists moisture and abrasion for longer life.

Forged aluminum alloy connectors reduce overall weight by up to 1 lb.



# RESCUE AND DESCENT KITS



## 6814150K | 150' Rescue and Descent Kit

6814150K and 6814300K Rescue and Descent Kits include: UniDrive™ device, 150' or 300' lifeline, 3 aluminum carabiners, telescoping ratchet lifting handle, drill adapter, 6' pass-through choker sling anchor and 28" weather resistant backpack storage bag.

<b>6814150K</b>	150' Rescue and Descent Kit with Bag
<b>6814300K</b>	300' Rescue and Descent Kit with Bag

## 6813150K | 150' Crane Rescue and Descent Kit

6813150K and 6813300K Crane Rescue and Descent Kits feature all of the same contents as our standard kits except in place of the storage bag, our Crane Kits feature a prepacked 8 gallon sealed barrel with security tag to limit equipment inspection audit costs.

<b>6813150K</b>	150' Crane Rescue and Descent Kit with Sealed Barrel
<b>6813300K</b>	300' Crane Rescue and Descent Kit with Sealed Barrel

# ACCESSORIES



**68030TB** | Rescue Pole Set

Telescoping aluminum Rescue Pole extends rescuer's reach from 4' up to 17' to engage a fallen victim. Includes aluminum alloy carabiner, storage bag and spring steel capture clip.

**68040B** | Rope Clamp Adjuster

Optional-use Rope Clamp attaches to lifeline for creating a temporary connection point between the trailing-end connector and the actual descent length. Includes tethered aluminum carabiner.



**68035EP** | Edge Protector

Edge Protector features stainless steel plate and guides with 5' wire tether and aluminum carabiner for rope lifeline protection over abrasive and sharp edges.



## Performance and Material Specifications

Performance Specifications		Material Specifications		Relevant Standards	
<b>Max Descent Height</b>	524' for 2 persons	<b>Rope</b>	7/16" kernmantle polyamide blend	<b>ANSI</b>	ANSI Z359.4-2013
<b>Max Descent Load</b>	440 lbs. for 2 persons	<b>Connectors</b>	Aluminum Alloy; 5,000 lbs. static strength with 3,600 lbs. gate strength	<b>OSHA</b>	1926.502 and 1910.66
<b>Descent Speed</b>	2.6' per sec for 1 person	<b>Housing</b>	Aluminum		
<b>Cumulative Descent Distance</b>	25,200' or 48 descents with 220 lbs.				
<b>Cumulative Descent Distance</b>	2,620' or 5 descents with 440 lbs.				
<b>Max Lifting Height</b>	524' at 440 lbs.				
<b>Max Work Lifting Load</b>	308 lbs.				

## 6814150K, 6814300K

### UniDrive™ Rescue and Descent Kit

Rescue and Descent unit is designed for anchoring overhead and for personal sternal attachment in self and assisted rescue operations. It is also uniquely capable for vertical work lifting applications of materials. Features three lifting modes- handwheel, ratchet handle and handwheel power drill. Bi-directional design provides shuttle operation for multiple successive descending users and features centrifugal brake design and integral swiveling aluminum alloy attachment carabiner.

- Telescoping Ratchet lifting handle adjusts from 12" to 18" for unmatched rescue lifting leverage.
- Includes 7/16" kernmantle rope lifeline with aluminum alloy carabiner connectors.
- Features centrifugal brake design and integral swiveling aluminum alloy attachment carabiner.
- Integral belay hooks are ideal for added descent control and rescue suspension.
- Lightweight and impact resistant nylon polymer housing provides greater durability
- Also includes 6' pass-through choker anchor and 28" backpack-style store bag.
- Available in 150' and 300' lengths.



Performance Specifications	
<b>Max Descent Height</b>	524' for 2 persons
<b>Max Descent Load</b>	440 lbs. for 2 persons
<b>Descent Speed</b>	2.6' per sec for 1 person
<b>Cumulative Descent Distance</b>	25,200' or 48 descents with 220 lbs.
<b>Cumulative Descent Distance</b>	2,620' or 5 descents with 440 lbs.
<b>Max Lifting Height</b>	524' at 440 lbs.
<b>Max Work Lifting Load</b>	308 lbs.

Material Specifications	
<b>Rope</b>	7/16" kernmantle polyamide blend
<b>Connectors</b>	Aluminum Alloy; 5,000 lbs. static strength with 3,600 lbs. gate strength
<b>Housing</b>	Aluminum

Relevant Standards	
<b>ANSI</b>	ANSI Z359.4-2013
<b>OSHA</b>	1926.502 and 1910.66

Part Numbers		
<b>6814150K</b>	Rescue and Descent Kit	150'
<b>6814300K</b>	Rescue and Descent Kit	300'

## 6813150K, 6813300K

### UniDrive™ Crane Rescue and Descent Kit

Prepacked in our 8 gallon sealed barrel with security inspection tag, the Rescue and Descent unit is designed for anchoring overhead and for personal sternal attachment in self and assisted rescue operations. It is also uniquely capable for vertical work lifting applications of materials. Features three lifting modes- handwheel, ratchet handle and handwheel power drill. Bi-directional design provides shuttle operation for multiple successive descending users and features centrifugal brake design and integral swiveling aluminum alloy attachment carabiner.

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Cumulative Descent Distance	2,620' or 5 descents with 440 lbs.
Max Lifting Height	524' at 440 lbs.
Max Work Lifting Load	308 lbs.

Material Specifications	
Rope	7/16" kernmantle polyamide blend
Connectors	Aluminum Alloy; 5,000 lbs. static strength with 3,600 lbs. gate strength
Housing	Coated Aluminum

Relevant Standards	
ANSI	ANSI Z359.4-2013
OSHA	1926.502 and 1910.66

Part Numbers		
6813150K	Crane Rescue and Descent Kit	150'
6813300K	Crane Rescue and Descent Kit	300'

## 68030T, 68040B, 68035EP

### Rescue Pole, Rope Clamp and Edge Protector

These FallTech® accessories provide solutions addressing common concerns relating to Rescue and Descent applications. Our Rescue Pole extends the rescuer's reach from 4' to 17' to engage a fallen victim. The Rope Clamp provides rope length adjustment for shortening the distance between alternating shuttle descents. Our Edge Protector is used to guard the system rope from fraying and excessive wear when passing over sharp and abrasive edges.

- Rescue Pole includes aluminum alloy carabiner and storage bag and features telescoping aluminum construction with spring steel capture clip.
- Rope Clamp body and wedge feature plated steel construction and include a tethered aluminum alloy carabiner.
- Edge Protector features stainless steel edge plate and rope guides with 5' wire tethered aluminum alloy carabiner.



Material Specifications	
<b>Rescue Pole</b>	Anodized Aluminum
<b>Rope Clamp</b>	Plated Steel
<b>Edge Protector</b>	Stainless Steel
<b>Connectors</b>	Aluminum Alloy; 5,000 lbs. static strength with 3,600 lbs. gate strength

Part Numbers	
<b>68030T</b>	Rescue Pole
<b>68040B</b>	Rope Clamp
<b>68035EP</b>	Edge Protector