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CATALOG 130B





CMC CATALOG 130B

EDUCATION	5
CMC CLASSES	6
MANUALS AND FIELD GUIDES	8
GRIMP NORTH AMERICA	10
HARNESSES AND BELTS	13
HARDWARE	31
ROPE AND WEB	57
ANCHOR DEVICES	71
FIRE ESCAPE	87
HELICOPTER	93
OPERATIONS	93
BAGS AND PACKS	99
SYSTEMS AND KITS	111
PATIENT TRANSPORT	145
PERSONAL GEAR	163
GLOVE SIZING GUIDE	167
PRODUCT INDEX	190
ORDERING INFORMATION	192
IMPORTANT WARNINGS	192



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CMC is an employee-owned company.

INNOVATING FOR LIFE SAFETY

As a trusted brand for over 40 years, CMC takes a holistic approach to product innovation. We continually work to evolve the equipment and training that allow our customers to do their jobs with greater safety and efficiency, so they get home safely.

With well established development and testing processes, design collaborations, and active involvement with technical and safety standards committees and organizations, CMC remains on the leading edge of life safety.

STILL THE MOST TESTED, PROVEN AND TRUSTED

CMC products continue to be the most trusted workhorses of any work at height rigging system. Given our roots in both technical rescue and engineering, and strict adherence to lab and field testing and certification processes, our equipment and education are often considered the industry gold standard by the most experienced professionals.

Our latest innovations reflect our efforts to design tools that are better adapted to the specialized needs of our expert technician customers; versatile hardware that is lighter, more compact and more intuitive to operate, packs that make organization and hauling easier, and harnesses that are not only safe and extremely comfortable, but performance enhancing as well. Ultimately, we want to give rope professionals the ability to

approach their work with the greatest confidence in both their safety and performance.

COLLABORATIVE DESIGN

In recent years, CMC has placed more emphasis on collaborative designs, drawing upon relationships with customers, industry partners, CMC Instructors, and field experts to continually improve upon existing equipment, or conceptualize something new. From hardware and harnesses, to personal escape systems and personal gear, we leverage the best industry resources available to develop our products.

THE LATEST EVOLUTION IN ROPE HARDWARE

The CMC CLUTCH™ by Harken™ Industrial combines the knowledge and expertise of two companies with a collective 90-year history in rope management under heavy loads for a fresh take on multi-purpose hardware. With CMC's roots in rescue and rope access, and Harken Industrial's foundation in high performance sailing, we've partnered in developing a single versatile tool for efficient hauling, controlled lowering, smooth personal descent, easy ascending and belaying. A device that can be worn by the user as a personal ascender/descender, or integrated into a rigging system, the CLUTCH offers intuitive, efficient operation, ease of use and optimal control.





PERFORMANCE RE-IMAGINED

Years of feedback from experts who spend long hours in a harness motivated CMC to re-think harness functionality entirely. We wanted to establish a baseline of features that were ideally suited to most technical rope professionals. Yet, given the subtle differences in working style among technicians, we also wanted to provide opportunities to optimize as needed.

The ATOM™ Harness Series, our most comfortable harness line ever developed, is the culmination of stripping harness design down to the basics and re-imagining a performance-enhancing tool for rescue and rope access. The end result is improved architecture, ergonomic lightweight padding, intuitive new features, and a range of options that can fit every user. With three base harness designs that can be further customized, or an online tool that gives you the ability to build your own from the same advanced materials and hardware, the ATOM series improves safety, comfort and efficiency in all the ways you can't see but can feel.

INDUSTRY LEADERSHIP

Our innovation extends beyond our products and services. With a team comprised of skilled technical rope professionals and dedicated engineers, CMC supports the Rescue and Rope Access Industries through active participation in these technical and safety standards committees and organizations:

ITRS Co-Founder (International Technical Rescue Symposium)

SPRAT Co-Founder (Society of Professional Rope Access Technicians)

ITRA Founding Sponsor (International Technical Rescue Association)

NFPA International (National Fire Protection Association)

ANSI (American National Standards Institute)

NASAR (National Association for Search and Rescue)

MRA (Mountain Rescue Association)

ICAR (International Commission for Alpine Rescue)

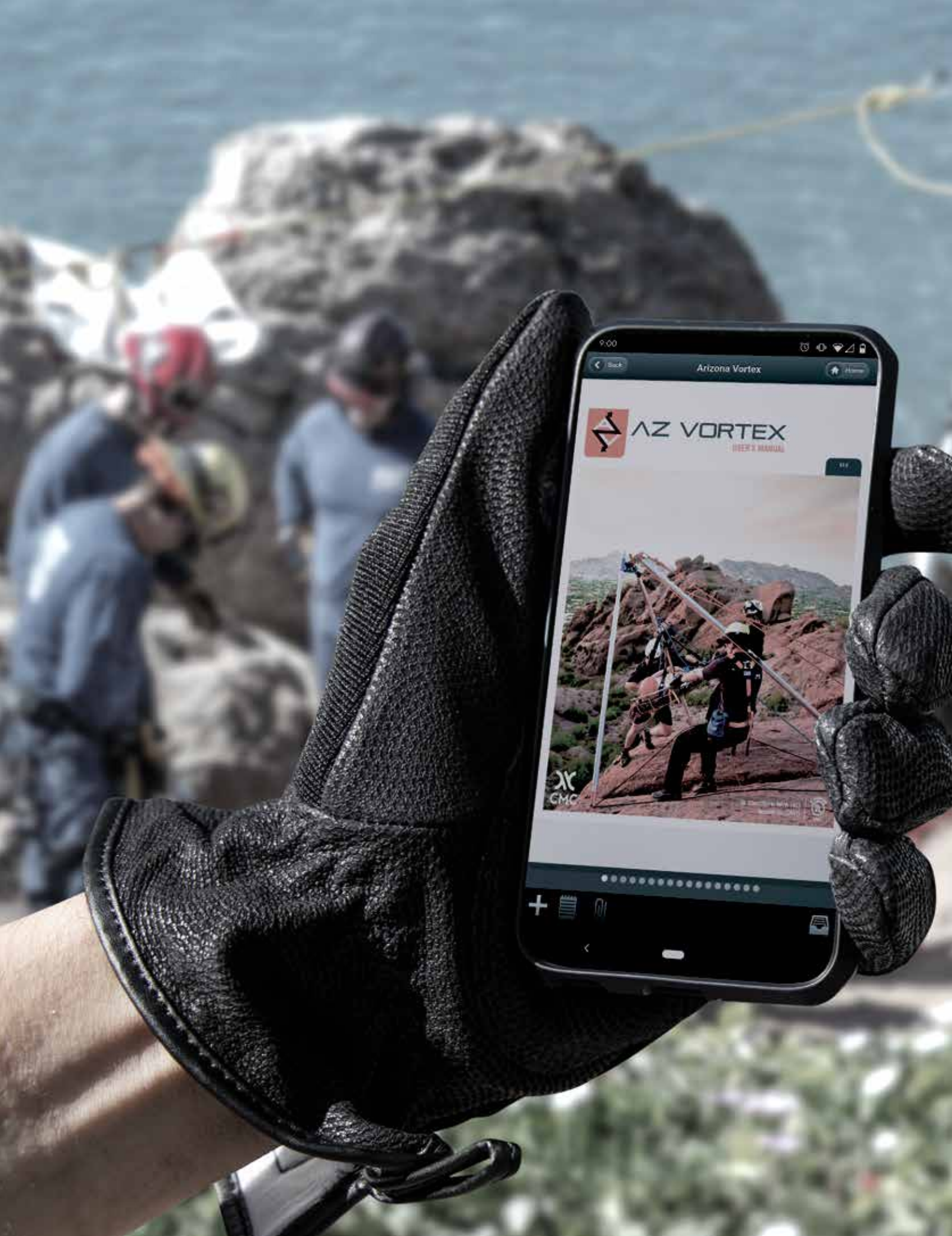
ASTM International (American Society of Testing and Materials)

ASSP (American Society of Safety Professionals)

Cordage Institute

HAI (Helicopter Association International)

PSAAC (Public Safety Aviation Accreditation Commission)



9:00

< Back

Arizona Vortex

Home



AZ VORTEX

USER'S MANUAL

114



X
CMC



EDUCATION

CMC has long been recognized as a leader in the rescue industry, through our innovative equipment and training. We offer a multi-faceted curriculum to inform and educate rescue professionals about advanced rescue techniques, best practices and current industry standards. Guided by seasoned CMC Instructors, students gain practical experience by working with the tools of the trade, and solving realistic rescue scenarios under real-life conditions. This type of applied learning allows students to readily employ the knowledge and skills gained through our classes in actual rescue-response situations.

CMC School

For more than 30 years, rescue classes have been taught by CMC professionals who apply their real world experience to the hands-on training offered in a wide range of subjects, including confined space rescue, rope rescue, trench rescue, and emergency building shoring. In addition, contract classes with CMC Instructors are available for those looking to customize their training experience. See pages 6–7.

CMC Manuals and Field Guides

With tens of thousands of copies in the field, CMC's manuals offered in a wide range of subjects including rope rescue, confined space rescue, and trench rescue have become standard instructional and reference texts worldwide. See pages 8-9.

Online Instructional Videos

The video gallery on the CMC website features detailed product information, Pro Tips, how-to videos, and more. New videos are added regularly at cmcpro.com/videos.

The Free CMC Field Guide App

CMC's full-featured mobile app includes our Rope Rescue Field Guide and Confined Space Rescue Technician Field Guide, as well as user manuals for selected CMC products. It also allows users to import photos, videos, documents, and notes to further personalize their field guide app. Visit cmcpro.com/app to learn more, or download for free from Apple's App Store or Google Play.

GRIMP™ North America

In 2019, CMC held the first ever GRIMP North America event, an international rescue skills challenge similar to Belgium's annual Grimpday competition. Held aboard the Battleship IOWA Museum, the event was designed to promote education and collaboration through spirited competition. Following its success, plans are underway for another challenge in the future. See pages 10-11.

CMC Custom Contract Classes

CMC specializes in tailoring classes to an agency's specific needs, emphasizing training and skills development based on situations that a rescue team would most likely encounter.

We have been called to design and teach specialized rescue classes for a wide range of industries including petrochemical and other process industries, biomass, fossil fuel and geothermal power generation, entertainment and live theater, amusement parks, film and television, construction, shipbuilding and more.

Additionally, many of our clients are internationally based. CMC Instructors teach contract classes in Central and South America, Australia, Asia and more to help advance technical rescue capabilities wherever the need arises.

To learn more about CMC Custom Contract Classes, visit cmcpro.com/school.



CMC Instructors Make a Real Difference



CMC Instructors are recognized as some of the industry's most experienced rescue professionals. Their highly effective hands-on training with emphasis on "learn by doing" in realistic scenarios set CMC rescue classes apart from typical classroom learning environments.

Many of our Instructors sit on committees that set standards for rescue operations, including NFPA and ASTM F32.

CMC is a founding member and many of our instructors serve on the board of the International Technical Rescue Association (ITRA), an organization working to set universal standards for certification in various rescue disciplines.

Popular CMC Open Enrollment Classes

CMC offers open enrollment classes at a variety of locations across the country. We provide training with practical application course work in technical rope rescue, confined space rescue & entry, trench rescue, emergency building shoring (EBS). Visit cmcpro.com/school/calendar for a current schedule of classes and online registration.



Rope Rescue Technician I/II

This intense, five-day, 40-hour course focuses on high- and low-angle rescue techniques. Scenarios taught in class are drawn from actual incidents.



Rope Rescue Technician III

This is an advanced 40-hour rope rescue training course for serious professionals. Students will be challenged by scenarios designed to test rigging skills and problem-solving capabilities.



Confined Space Rescue Technician

This intensive 40-hour Confined Space Entry & Rescue class covers NFPA 1006 technician level skills. Realistic hands-on scenarios allow the student to gain confidence in this dangerous environment.



Trench Rescue Technician

This intensive 24-hour, hands-on course covers technician-level trench rescue shoring & evacuation rescue skills.



Structural Collapse Shoring

This 24-hour, hands-on course covers technician-level structural collapse and shoring. It meets FEMA Rescue Specialist requirements.

CMC Manuals and Field Guides

CMC manuals and field guides reflect the recommendations of leading authorities in rescue and rope access operations. While important knowledge can be gained by reading and studying books, there is no substitute for proper training and time spent in the field.



NEW 6TH EDITION (6TH EDITION AVAILABLE IN 2021)

Rope Rescue Technician Manual

By CMC

With more than 75,000 copies sold, the *Rope Rescue Technician Manual* edited by CMC Founder Jim Frank has become a standard reference for departments and rope rescue training programs around the world. Over 240 illustrations and photographs detail lowering and raising systems, mechanical advantage, and rappel-based rescues. 420 pages.

Topics Covered Include

- Safety
- Testing
- Equipment
- Rappelling
- Pick-Offs
- Litter Evacuations
- Patient Packaging
- High Anchor Points
- Organizing the Response

Item #

993221



NEW 6TH EDITION (6TH EDITION AVAILABLE IN 2021)

Rope Rescue Technician Field Guide

By CMC

This pocket-sized companion to the *Rope Rescue Manual* is printed on waterproof and tear-proof paper for durability in the field. The spiral-bound guide measures 10 x 15 cm (4 x 6 in) and fits into a radio harness or uniform pockets. Over 140 pages.

Item #

993232



Trench Rescue Technician Manual

By CMC

Helping to prepare today's fire and rescue service to perform well organized and systematic trench and excavation rescues, the *Trench Rescue Technician Manual* was developed in collaboration with the California State Fire Marshal's Office. 235 pages.

Topics Covered Include

- OSHA Regulations
- Soil Basics
- Trench Configurations and Collapse Patterns
- Trench Hazards
- On-scene Considerations
- Operational Safety
- Protective Systems
- Victim Considerations
- Incident Termination

Item #

993202



REVISED 2ND EDITION

Confined Space Rescue Technician Manual

By CMC

The official textbook for the California State Fire Marshal’s certified confined space courses, the *Confined Space Rescue Technician Manual* is also the manual of choice for fire departments and industrial rescue teams nationwide. The revised Second Edition has been updated and expanded. Color has been added to most of the more than 150 illustrations for improved clarity. 282 pages.

Topics Covered Include

- Communications
- High Point Anchor Systems
- Laws, Regulations, and Permitting
- Rescue Team Development
- Assessment and Preparation for Entry
- Organizing the Response
- Atmospheric Monitoring
- Managing Hazards
- Equipment
- Patient Transport

Item #

993214



REVISED 2ND EDITION

Confined Space Rescue Technician Field Guide

By CMC

This pocket-size book on waterproof and tear-proof paper contains a wealth of information from the *Confined Space Rescue Technician Manual*. Sections include classification and effects of hazards, ventilation charts, communications, rope work, and response management. The spiral-bound guide measures 10 x 15 cm (4 x 6 in). 88 pages.

Item #

993224

MORE AT CMC.PRO.COM



Swiftwater Rescue

By Slim Ray. This book on river rescue for the emergency responder was written by one of the foremost experts on kayaking and river rescue. **Item #993101**

Swiftwater Rescue Field Guide

By Slim Ray. Printed on waterproof and tear-proof paper. **Item #993110**

Technical Rescue Field Operations Guide

By Tom Pendley. This pocket-sized guide covers Rope Rescue, Confined Space Rescue, Swift Water Rescue, Trench Rescue, Structural Collapse, and Helicopter Operations. **Item #993601**

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

CMC GRIMP

NORTH AMERICA
A GRIMPDAY^{EVENT}

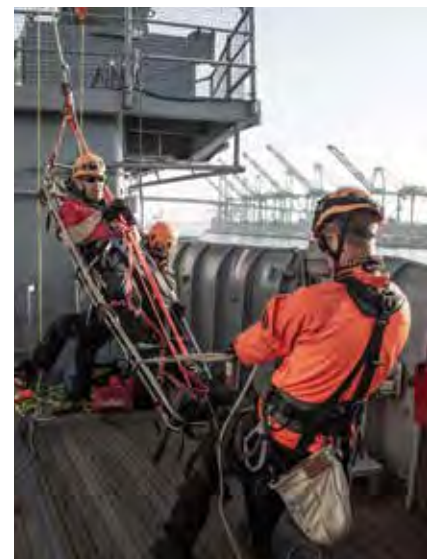
**A Rescue and Rope Access Challenge held March 28–30, 2019
on the Battleship Iowa Museum, at anchor in Los Angeles Harbor**

CMC hosted this international rescue skills challenge to provide an opportunity for education and spirited competition among peers. GRIMP North America is modeled after Grimpday, which has been held in Namur, Belgium since 2006. More than a competition, the event brought rescue and rope access people from around the world together to talk with one another and share ideas, practices, and equipment. Everyone who participated was able to increase their knowledge and skill set, while improving their capacity to save lives.

The decommissioned WWII-era Battleship Iowa Museum offered an ideal setting for the competition's technical rescue scenarios. Ten teams from five countries - Belgium, Germany, Taiwan, Canada, and the United States - took part in the two-day event. Each seven-member team had to work through five challenges designed by CMC Instructors. There were two confined space scenarios, one rope access scenario, and two rope rescue scenarios. The teams were evaluated on their ability to safely complete the individual challenges within a given set of rules and time constraints.

GRIMP North America 2019 was also made possible by the support of these sponsors: ClimbTech, Courant Vertical Living, Harken Industrial, Kask, PMI, Rock Exotica, SMC, Team Wendy, Texas A&M Engineering Extension, Teufelberger, Traverse Rescue, and Yates Professional.

GRIMP North America will return in Soon! For more information and to sign up to receive event notifications as details are released, visit cmcpro.com/grimp-na.





EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS



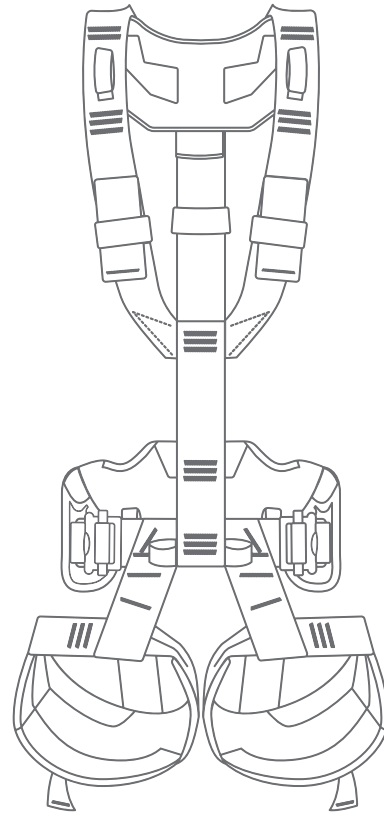
BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR





HARNESES AND BELTS

CMC has been designing and developing harnesses for nearly 30 years. Manufactured in our ISO-certified facility, every harness is built by a team of experienced sewing technicians from designs that have gone through extensive lab and field testing. This ensures they meet CMC's gold standard of quality that our customers have come to know and trust.

Thoughtfully designed, with input from our engineers, CMC Instructors, and most importantly our customers, our harness line meets both the functional and safety needs of technicians in a wide variety of at-height operations including rope rescue, backcountry search and rescue, fire rescue, urban and industrial rescue, rope access and more. With an emphasis on comfort, strength, durability, and efficiency, CMC harnesses provide uninhibited performance, even in the most challenging conditions.

NEW

Introducing the ATOM™ Harness Series

Our Most Comfortable Harness Line



UL CLASSIFIED TO NFPA 1983 / ANSI Z359.11 / CSA Z259.10 STANDARDS

CLASS III
LIFE SAFETY
HARNESS

Our new ATOM Harness Series is the culmination of years of research and development. We stripped harness design down to the basics and re-imagined a performance-enhancing tool for rescue and rope access. It incorporates extensive feedback from experts, as well as rigorous field testing. Offered with a wide range of options, the ATOM Harness delivers comfort, safety and efficiency in a lightweight and low profile system.

Y-back construction and a bridged front lift allow shoulders to be adjusted separately to minimize pressure on the neck.

Polyester webbing keeps a supple hand for comfort and easy buckle adjustment.

Dual-density foam padding optimizes load distribution. Waist and leg pads have rolled edges for comfort.

Improved architecture molds to the user for a lightweight, low-profile fit.

Multiple gear loops and tool loops for stowing and organizing equipment.

Water repellent and UV resistant materials make for lasting strength and durability.



NEW

ATOM™ Rescue Harness

Configured for Professional Rescue Operations



UL CLASSIFIED TO NFPA
1983 / ANSI Z359.11 /
CSA Z259.10

CLASS III
LIFE SAFETY
HARNESS

Customized from CMC's ATOM Harness Series, the ATOM Rescue Harness has been configured with optimal features for professional rescue operations. It delivers on performance without compromising comfort or safety.

Recommended for

Fire Rescue | Industrial Rescue | SAR

ATOM Rescue Harness Features

- Red webbing at the shoulders and front leg drop for higher visibility.
- Steel attachment points at the ventral, sternal and dorsal locations offer robust, low-profile connections.
- Cobra Quick-Connect Buckles at the legs and left shoulder make donning quick and efficient.
- One-piece shoulder pad reduces harness twisting to aid in donning.
- Bridged dorsal webbing provides improved comfort at the neck.
- Flexible gear loops offer low-profile gear stowage when working in tight or confined spaces.
- Workseat attachment points located at the waist connect to the CMC Skysaddle (see page 18).

Color: Red/Black | **Weight:** 2.7 kg (5.97 lb)

Item #	Size	Waist
202122	Small	66–81 cm (26–32 in)
202124	Medium	81–107 cm (32–42 in)
202125	Large	107–122 cm (42–48 in)



EDUCATION

HARNESES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

NEW

ATOM™ Access Harness

Built with the Essential Features for Rope Access



UL CLASSIFIED TO NFPA
1983 / ANSI Z359.11 /
CSA Z259.10

CLASS III
LIFE SAFETY
HARNESS

Customized from CMC's ATOM Harness Series, the ATOM Access Harness is designed with features to meet the specific demands of rope access operations. It's lightweight, low-profile, and every bit as durable as it is comfortable.

Recommended for

Rope Access | Industrial Rescue | Work Positioning
Law Enforcement | Military Operations

ATOM Access Harness Features

- Large ID aluminum D-rings at the ventral, sternal and dorsal attachment points keep the harness lightweight, yet allow room for multiple carabiners.
- Steel adjuster buckles are low profile and allow efficient adjustment.
- Aluminum side D-rings provide lightweight work positioning attachment points.
- Unique integrated design that centers the unit for efficient rope ascent, and enables replacement if necessary.
- Chest Ascender HC by Climbing Technology has a hard coat anodization that resists wear.
- Molded gear loops with high impact, cold resistant, polypropylene core provide easy gear stowage and retrieval.
- Four tool loops (two at the rear waist and one at each leg pad) allow additional gear stowage.
- Workseat attachment points located at the waist connect to the CMC Skysaddle (see page 18).

Color: Black | **Weight:** 2.7 kg (5.97 lb)

Item #	Size	Waist
202222	Small	66–81 cm (26–32 in)
202224	Medium	81–107 cm (32–42 in)
202225	Large	107–122 cm (42–48 in)

SEE MORE

Climbing Technology Chest Ascender HC

See Page 49.



NEW

Build Your Own ATOM™ Harness

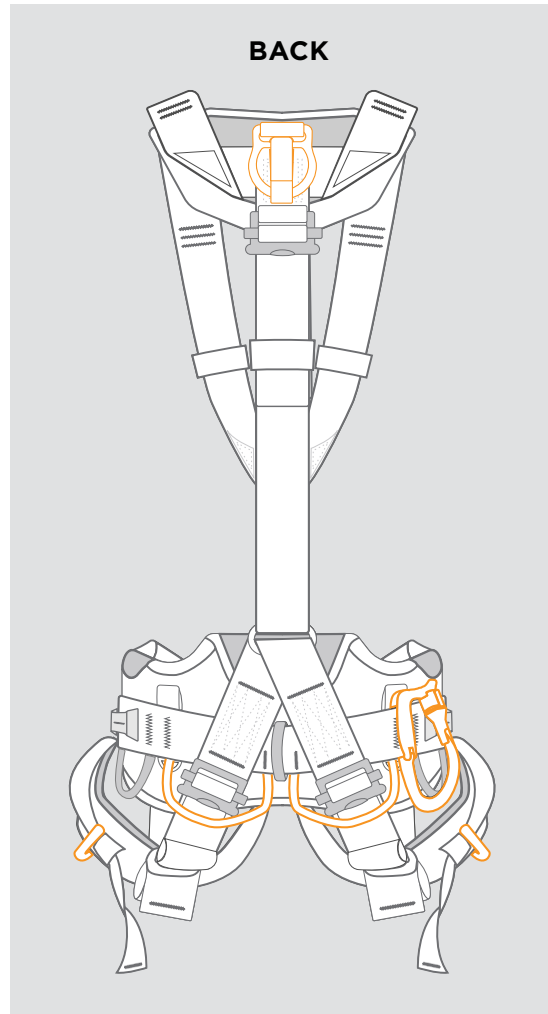
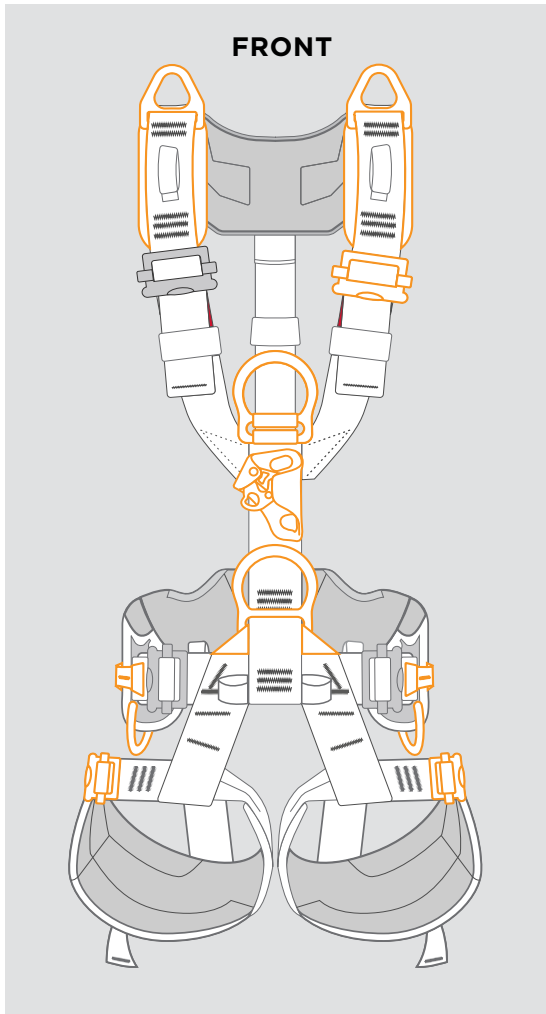
Design Your Own Harness from a Multitude of Options



UL CLASSIFIED TO NFPA 1983 / ANSI Z359.11 / CSA Z259.10 STANDARDS

CLASS III
LIFE SAFETY
HARNESS

If you need different features from the ATOM Rescue Harness or ATOM Access Harness (pages 15 and 16), you can customize your own ATOM Harness using the Build Your Own online tool (cmcpro.com/byo-atom-harness). This web feature allows you to configure an ATOM Full Body or Sit Harness to exact specifications, get pricing information, and place orders.



Build Your Own ATOM Harness Options

- | | | | |
|---------------------|-------------------|----------------|--------------|
| Harness Type & Size | Attachment Points | Shoulder Picks | Gear Loops |
| Web Color | Adjuster Buckles | Chest Ascender | Tool Carrier |

Build and order your ATOM Harness at cmcpro.com/byo-atom-harness

- EDUCATION
- HARNESES AND BELTS
- HARDWARE
- ROPE AND WEB
- ANCHOR DEVICES
- FIRE ESCAPE
- HELICOPTER OPERATIONS
- BAGS AND PACKS
- SYSTEMS AND KITS
- PATIENT TRANSPORT
- PERSONAL GEAR

NEW

ATOM™ Sit Harness



UL CLASSIFIED TO
NFPA 1983

CLASS II
LIFE SAFETY
HARNESS

Leveraging the technology of CMC's ATOM Harness Series, the ATOM Sit Harness is designed for maximum comfort, versatility, and support. It is a lightweight sit harness that allows the user to work freely and efficiently.

Recommended for

Fire Rescue | SAR | Law Enforcement | Work Positioning

ATOM Sit Harness Features

- Black webbing for low visibility.
- Ventral steel D-ring offers a robust, low-profile attachment point that can fit multiple carabiners.
- Cobra Quick-Connect Buckles at the legs make donning quick and efficient.
- Workseat attachment points located at the waist connect to the CMC Skysaddle.

Color: Black | **Weight:** 1.56 kg (3.45 lb)

Item #	Size	Waist
202322	Small	66–81 cm (26–32 in)
202324	Medium	81–107 cm (32–42 in)
202325	Large	107–122 cm (42–48 in)



SkySaddle™



This robust, harness-connected work seat has been designed to reduce fatigue and increase long-term comfort.



Recommended for

Rope Access | Work Positioning

SkySaddle Features

- Internal aluminum frame with rolled edges for strength and durability.
- Wide seat offers stability, comfort, and allows a standing work position.
- Rigid sides prevent straps from contacting user's body.
- Suspension straps adjust easily in both directions.
- Gear loop attachments on sides and bottom.
- Compatible with the ATOM Harness Series.

Color: Gray/Black

Item #	Dimensions	Weight
202690	21 in L X 6.5 in W X 6 in H	1.7 kg (3.8 lb)

NEW

ATOM™ Chest Harness



UL CLASSIFIED TO
NFPA 1983

This modular chest unit transforms the ATOM Sit Harness or ATOM Build Your Own Sit Harness into a full body NFPA Class III Life Safety Harness. The ATOM Chest Harness is quickly and easily installed for team members transitioning from needing edge protection to working on rope.

Recommended for

Fire Rescue | SAR | Law Enforcement | Work Positioning

ATOM Chest Harness Features

- Transforms ATOM Sit Harness or ATOM BYO Sit Harness into a full body NFPA Class III Life Safety Harness.
- Sternal and dorsal steel D-rings provide robust, low-profile attachment points that can fit multiple carabiners.
- Compatible with the ATOM Chest Ascender Kit, which allows a variety of chest ascenders to be added or swapped out.
- Fully integrated to transfer the load from chest attachment points to the Sit Harness, increasing comfort in a vertical lift.
- Allows teams to utilize ATOM Sit Harness comfort and mobility until a full body harness is preferred for working on rope.

Color: Black | **Weight:** .85 kg (1.87 lb)

Item #	Size
202363	One Size Fits Most



MORE AT CMCPRO.COM

Build Your Own ATOM Sit Harness

Visit cmcpro.com/byo-atom-harness to choose from our customizable options, including attachment points, adjuster buckles, web color, and tool carrier.

Learn How to Install the ATOM Chest Harness

Visit cmcpro.com/combining-the-atom-chest-and-sit for a step by step video on how to install the ATOM Chest Harness on the ATOM Sit Harness.

Learn How to Install a Chest Ascender

Visit cmcpro.com/installing-ascender-atom-chest for a step by step video on how to install a chest ascender on the ATOM Chest Harness.

EDUCATION

HARNESES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

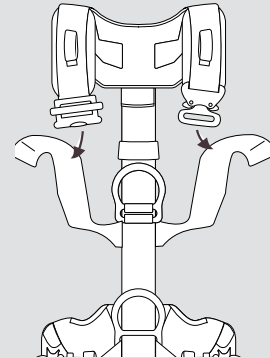
PATIENT TRANSPORT

PERSONAL GEAR

Installing a Chest Ascender on the ATOM Harness

Unique ATOM feature that allows a variety of chest ascenders to be added or swapped out

What you need:

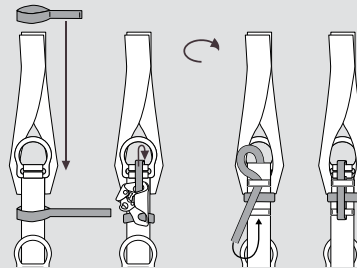


Step 1

Pull shoulder strap webbing out of the keepers and adjustment buckles.

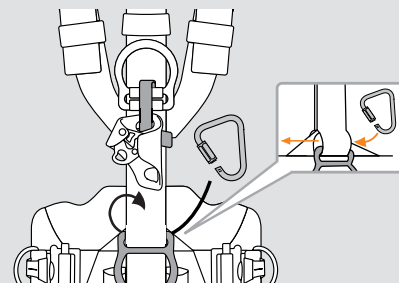
Step 2

Pass the Chest Ascender Loop over the shoulder straps to a central point between front D rings. Insert the Chest Ascender Loop webbing through the upper eye of the chest ascender. Pass the Chest Ascender Loop webbing over and under the keeper straps that are behind and below the sternal attachment point.



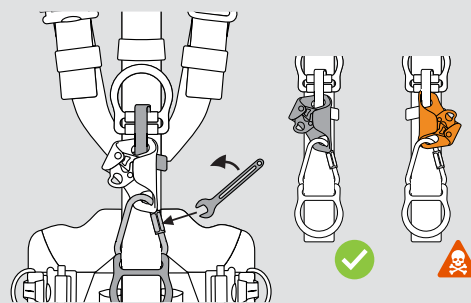
Step 3

Attach the screw link through the web tunnel shared by the ventral D-ring.



Step 4

Insert the screw link into the chest ascender and close the connector (use a wrench).



SEE MORE

Climbing Technology Chest Ascender HC

See Page 49.

The compatibility of the chest ascender, with the connector and the harness, as well as smooth functioning of the entire system, has to be ensured by the user and the user is fully responsible for safe overall use. Confirm compatibility and function in a safe place before actual use.

CMC/ROCO Work-Rescue Harness™



UL CLASSIFIED TO
NFPA 1983 / ANSI
Z359.11

CLASS III
LIFE SAFETY
HARNESS

The unique coat-style construction and no-step design makes this harness quick and efficient to don, while eliminating the need to step through or over any part of the harness.



Recommended for

Fire Rescue | Industrial Rescue | SAR | Work Positioning

Work-Rescue Harness Features

- Coat-style, no-step design prevents contamination of harness by footwear.
- Padded Jack Back™ keeps shoulder straps separated for easy donning.
- Contrasting interior and exterior color expedites fast donning.
- Cobra Quick-Release Buckles at waist and leg loops will not open when loaded.
- Aluminum D-ring attachment points at waist (front), sides, chest, and back.
- ANSI-rated lanyard parking loops on shoulder straps.
- Integrated rear travel-restraint loop.
- Breathable fabric with contoured air channels.

Color: Black/Red | **Weight:** 2.4 kg (5.3 lb)

Item #	Size	Waist
202672	Small	66–76 cm (26–30 in)
202674	Medium	76–112 cm (30–44 in)
202675	Large	107–122 cm (42–48 in)

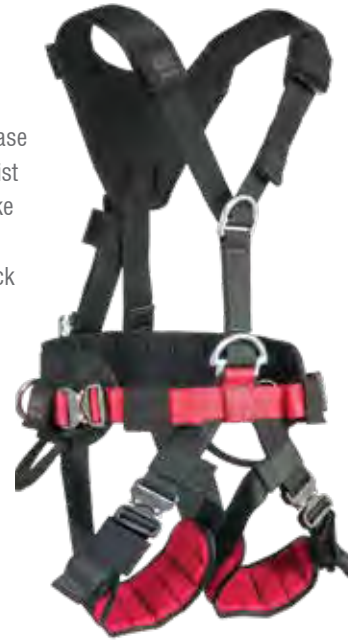
CMC/ROCO Cobra Rescue Harness™



UL CLASSIFIED
TO NFPA 1983

CLASS III
LIFE SAFETY
HARNESS

Cobra Quick-Release Buckles at the waist and leg loops make donning this full-body harness quick and efficient.



Recommended for

Fire Rescue | Industrial Rescue | SAR | Work Positioning

Cobra Rescue Harness Features

- Padded Jack Back™ keeps shoulder straps separated for easy donning.
- Cobra Quick-Release Buckles at waist and leg loops will not open when loaded.
- Steel D-ring attachment points at waist (front), sides, chest, and back.
- Front lift assembly accepts a connector for a chest ascender.
- MOLLE strip on waist.

Color: Black/Red | **Weight:** 2.7 kg (5.9 lb)

Item #	Size	Waist
202642	Small	66–76 cm (26–30 in)
202644	Medium	76–112 cm (30–44 in)
202645	Large	107–122 cm (42–48 in)

Spreader Bar



Designed for use with the Confined Space Harness (this page) and the Drag-N-Lift Harness (page 155).



Recommended for

Confined Space Rescue | Industrial Rope Access

Spreader Bar Features

- Machined from solid high-strength aluminum.
- The low-profile design allows more working space in areas with tight vertical clearance.
- Adjustable straps extend up to 53 cm (21 in) from bar to shoulders.

Item #	Color	Width	Weight
202200	Red/Black	38 cm (15 in)	907 g (2 lb)

SEE MORE

Confined Space Rescue Technician Manual and Field Guide

Revised Second Edition has been updated and expanded to better support confined space rescue courses. See Page 9.

Confined Space Harness™



UL CLASSIFIED TO
NFPA 1983 / ANSI
Z359.11

CLASS III
LIFE SAFETY
HARNESS

Designed for confined space, industrial rescue, and USAR operations, the Confined Space Harness offers great functionality and exceptional comfort, even during a shoulder lift.



Confined Space Harness Features

- Integrated mesh vest keeps shoulder straps in place.
- Vest includes radio pocket, multi-use pocket, and zippered mesh gas monitor pocket.
- Attachment points at waist (front and rear), back, chest, and shoulders.
- Large front D-ring at waist for comfortable rappels.
- Hand grip on back assists in retrieval from tight spaces.
- Two ANSI Z359.11 certified lanyard parking loops at waist.
- Molded waist padding with integrated lumbar support.
- Breathable fabric with contoured air channels for greater comfort and lighter weight.

Color: Black/Blue | Weight: 3.7 kg (8.1 lb)

Item #	Size	Waist
202162	Small	66–82 cm (26–32 in)
202164	Medium	82–107 cm (32–42 in)
202165	Large	107–122 cm (42–48 in)

Special Ops Harness™



Integrating a full-body harness with a versatile equipment carrying vest, the Special Ops Harness offers superior utility, comfort, and mobility.



Special Ops Harness Features

- Integrated mesh vest.
- Removable Molle pockets include radio pocket, multi-use pocket, and zippered accessory pocket.
- Molle attachment points for holsters and other gear.
- Attachment points at waist and sternum and drag handle at top of back.
- Leg loops may be folded up and attached to waist strap.
- Removable reflective strips at shoulders.
- Black ProTech™ Auto-Lock carabiner included.
- Universal size fits most.
- Cobra Quick-Release Buckles.
- Gear loops.
- Web Keepers™ secure loose web ends.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware

Color: Black/OD Green

Item #	Waist	Weight
202964	62–112 cm (24–44 in)	3.6 kg (7.9 lb)

Helitack Harness™



UL CLASSIFIED TO NFPA 1983
CLASS III LIFE SAFETY HARNESS

Designed with extensive input from air crews, the Helitack Harness provides a high level of comfort, safety, and versatility.



Helitack Harness Features

Integrated mesh vest.

- Removable pockets for HEED bottle, radio, and other items.
- Sewn waist loop attachment point.
- Sewn web loops at shoulders for accessory attachment.
- Sternal and dorsal attachment points allow flexible hoisting.
- Rear waist D-ring for travel restraint attachment.
- Orange mesh vest and reflective strips increase visibility.
- Two 10mm Delta Quick Links included.
- Pass-through quick-connect steel buckles on leg loops.
- Gear loops.
- Web Keepers™ secure loose web ends.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

Color: Black/Orange | **Weight:** 3.6 kg (7.9 lb)

Item #	Size	Waist
202922	Small	66–86 cm (26–34 in)
202924	Medium	76–112 cm (30–44 in)
202925	Large	107–122 cm (42–48 in)

SEE MORE

Helicopter Operations Section See Page 93.

Ranger Harness™



UL CLASSIFIED
TO NFPA 1983

CLASS II
LIFE SAFETY
HARNESSES

This popular full-featured harness combines the lightness of a climbing harness with the utility of a rescue harness.

Recommended for

SAR | Fire Rescue | Law Enforcement | Rappelling

Ranger Harness Features

- Low-profile, flexible waist belt and leg loops are lined with breathable fabric.
- 4 attachment points: front, rear, and sides.
- Lightweight D-ring accommodates multiple carabiners.
- Compatible with most chest harnesses.
- Side gear loops provide easy access.
- Web Keepers™ secure loose web ends.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.



Color: Black | Weight: 794 g (1.7 lb)

Item #	Size	Waist
202382	Small	66–81 cm (26–32 in)
202384	Medium	81–107 cm (32–42 in)
202385	Large	107–122 cm (42–48 in)

Ranger Quick Harness™



UL CLASSIFIED
TO NFPA 1983

CLASS II
LIFE SAFETY
HARNESSES

Ranger Harness with quick-release buckles added on the leg loops for fast and efficient use.



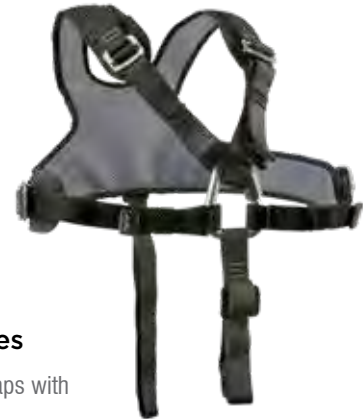
Color: Black | Weight: 872 g (1.9 lb)

Item #	Size	Waist
202392	Small	66–81 cm (26–32 in)
202394	Medium	81–107 cm (32–42 in)
202395	Large	107–122 cm (42–48 in)

Ranger Chest Harness™



Ideal for backcountry operations, this chest harness can be worn comfortably all day.



Ranger Chest Harness Features

- Padded shoulder straps with breathable fabric.
- Connects to most sit harnesses with included Delta Quick Link and connector strap.
- Web Keepers™ secure loose web ends.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

Item #	Color	Chest	Weight
202315	Black	Up to 132 cm (52 in)	680 g (1.5 lb)

Tactical Rappel Harness™



A low profile, all-black harness with black buckles that can be worn continuously or donned quickly when needed.



Recommended for

Law Enforcement | Military Operations | SAR | Rappelling

Tactical Rappel Harness Features

- Web attachment point at front waist for silent connections.
- Padded leg loops with breathable fabric.
- Removable harness pouch (4.75 in W x 5 in H x 2.5 in D) holds accessories and up to 6.5 m of cord.
- Gear loop on left side.
- Web Keepers™ secure loose web ends.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

Item #	Color	Waist	Weight
202407	Black	Up to 142 cm (56 in)	780 g (1.5 lb)

Utility Harness



UL CLASSIFIED TO NFPA 1983

CLASS II LIFE SAFETY HARNESS

This simple one-size-fits-most harness has a small footprint for easy stowage.



Recommended for

Fire Rescue | Industrial Rescue | SAR | Law Enforcement

Utility Harness Features

- Steel D-ring attachment point at front waist.
- Easily adjustable for wide range of fit.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

Item #	Color	Waist	Weight
202306	Black	Up to 142 cm (56 in)	822 g (1.8 lb)

Lifesaver Victim Harness™



UL CLASSIFIED
TO NFPA 1983

CLASS II
LIFE SAFETY
HARNESS

Attaches quickly and securely regardless of where or how the victim is positioned.



Recommended for

Fire Rescue | Industrial Rescue | SAR

Lifesaver Victim Harness Features

- Color-coded leg straps simplify donning.
- Steel Snap-Hook Buckles at waist and legs make for a fast, secure connection.
- The victim does not have to step into harness.
- The attachment point doubles as handle to guide positioning.
- Compact design includes integrated carry bag.
- Fits anyone from small children to large adults/
- Contrasting color thread to aid in wear inspection/
- Corrosion-resistant hardware.

Color: Black/Red /Blue

Item #	Waist	Weight
202405	Up to 157 cm (62 in)	1.3 kg (2.9 lb)

Lifesaver Victim Chest Harness™



Converts the Lifesaver Victim Harness or Pronto Evac Harness into a full-body evacuation harness for vertical lifts or whenever upper body support is needed. Must be used with seat harness.



Pictured with Lifesaver Victim Harness and carabiner (not included).

Recommended for

Fire Rescue | Industrial Rescue | SAR

Lifesaver Victim Chest Harness Features

- Easily attached to victim under all conditions.
- Padded for victim comfort.
- Easily adjustable for wide range of fit.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.
- Designed for lifting patients in confined space scenarios, not for rope rescue operations.

Color: Red

Item #	Chest	Weight
202404	Up to 170 cm (67 in)	964 g (2.1 lb)

Pronto Evac™ Harness



Designed for fast ski patroller self-evacuation and victim rescue from ski lifts.



Recommended for

Ski Lift Evacuation for Patroller or Victim

Pronto Evac Harness Features

- Color-coded leg straps simplify donning.
- Side-release quick connect buckles at waist and legs.
- The victim does not have to step into harness.
- The attachment point doubles as handle to aid in positioning.
- Fits anyone from small children to large adults.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

Color: Black/Gray/Red

Item #	Waist	Weight
202320	Up to 157 cm (62 in)	808 g (1.78 lb)

Ladder Belt



UL CLASSIFIED TO NFPA 1983

LADDER BELT



Comfortable and easy to don.

Recommended for

Fire Ground Operations

Ladder Belt Features

- Tether extends length of connection up to 425 cm (16.75 in) from ladder rung.
- Auto-locking ProSeries XL carabiner included.
- Wide padding for added comfort.
- Quick-connect buckle for easy donning.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

Color: Red/Black | **Weight:** 964 g (2.1 lb)

Item #	Size	Waist*
202442	Small/Medium	66–81 cm (26–32 in)
202444	Large/X-Large	86–107 cm (34–42 in)
202446	XX-Large	107–127 cm (42–50 in)

*Measure waist with turnouts on

Uniform Rappel Belt™



UL CLASSIFIED
TO NFPA 1983

ESCAPE BELT

Designed for everyday wear, this belt has the necessary features for an emergency rappel or belay. CMC's Uniform Rappel Belts are certified to NFPA standards.



Recommended for

Fire Rescue | SAR | Law Enforcement | Military Operations

Uniform Rappel Belt Features

- Tail end of belt and V-ring attachment point are secured out of way with a hook and loop fastener.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

Color: Black | **Weight:** 283 g (.6 lb)

Item #	Size	Waist
202422	Small	66–81 cm (26–32 in)
202423	Medium	76–91 cm (30–36 in)
202424	Large	86–107 cm (34–42 in)
202425	X-Large	102–122 cm (40–48 in)

Cobra-D Uniform Rappel Belt™



UL CLASSIFIED
TO NFPA 1983

ESCAPE BELT

Offering the same certified emergency rappel and belay functionality as our Uniform Rappel Belt, this belt has the added convenience of a quick-release buckle.



Recommended for

Fire Rescue | SAR | Law Enforcement | Military Operations

Cobra-D Uniform Rappel Belt Features

- Aluminum Quick-Release Buckle with stainless steel D-ring requires two-finger release and will not open if loaded.
- Web Keeper™ secures excess web.
- Contrasting color thread to aid in wear inspection.
- One size fits most.

Waist: 66–122 cm (26–48 in) | **Weight:** 294 g (.6 lb)

Item #	Color
202400	Black
202590	Coyote Tan

Trench Work-Rescue Belt™



A low-profile belt designed for work or rescue operations in or around a trench.



Recommended for

Trench Rescue | Work Positioning

Trench Work-Rescue Belt Features

- Aluminum Quick-Release Buckle with an integrated stainless D-ring.
- The buckle is easy to open or close when wearing gloves, but requires a two-finger release and will not open when loaded.
- An aluminum D-ring rear connection point can be used to restrict travel.
- Constructed of multiple layers of web to limit movement of the rear D-ring and increase utility when carrying tools.
- Web Keepers™ secures excess web.
- Compatible with commercially available tool pouch.
- Adjusts to fit over turnouts.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.
- One size fits most.

Item #	Color	Weight
203734	Black	397 g (.88 lb)

K9 ProSeries® Rappel Harness



A lightweight, adjustable harness that can be easily packed into the field. Extensively tested, proven and trusted worldwide by K9 teams for comfort, security, and ease of use.



K9 ProSeries Rappel Harness Features

- Durable nylon panels with breathable fabric on the inside.
- Stowaway rear-lift assembly fits around dog's back legs.
- 5 ANSI rated quick-connect buckles for efficient deployment.
- The soft-loop main connection point suspends dog in a comfortable position.
- Large molded rubber handle aids in lifting and positioning.
- Rear attachment point for connecting a lead.
- Elastic loops for securing a light stick.
- One size will fit most rescue/tactical-use canines.

Item #	Color	Weight
890255	Black	930 g (2 lb)

MORE AT CMCPRO.COM

K9 Rappel Harness™

A lightweight, adjustable harness that can easily be packed into the field. **Item #890224**

K9 Lifesaver Harness™

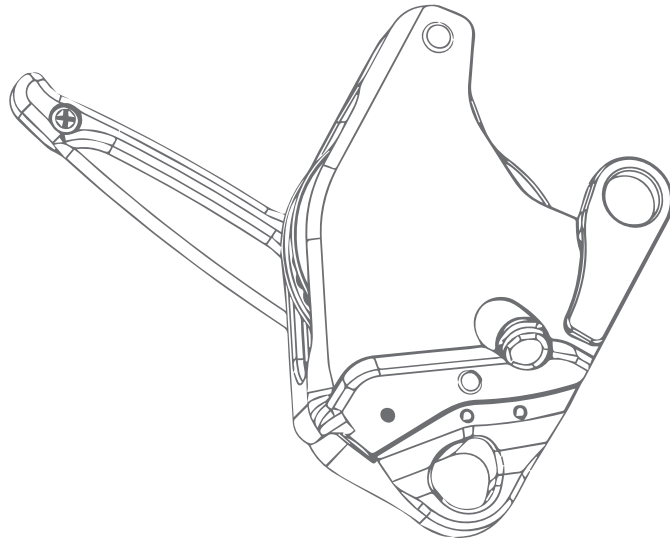
Designed to quickly and safely secure a dog for pick-off rescue or extrication from a confined space.

Item #890233



INDUSTRIAL
by
UTCH™
XCMC





HARDWARE

CMC is dedicated to enhancing the safety and performance of today's rope professionals through product innovation and rigorous testing that guarantees our equipment always meets or exceeds current safety standards. Our customers are transcending industries, environments and job types, integrating tools and techniques from an array of disciplines including rescue and access, wilderness and urban, and confined space and arbor. These technicians require state-of-the-art gear that can adapt with them, allowing for a wide range of applications with fewer limitations.

Devices like the CMC CLUTCH™ by Harken Industrial™ and the MPD™ are reshaping technical rope operations with their versatility and ability to replace multiple pieces of equipment. With the capacity for raising/lowering, hauling, descending, ascending and belaying without changing hardware, multi-purpose tools can reduce equipment loads, set up and transition times, and operational errors, while increasing the safety and efficiency of the entire system.

Extensive lab and field testing are essential components of our product development, to ensure the accuracy of our strength and safety ratings. Our testing data, supporting educational content and additional feedback from industry professionals are made publicly available, to assist our customers in their decisions to select the best equipment for the job at hand.

NEW

CMC CLUTCH™ By Harken Industrial™

The Latest Evolution in Rescue and Rope Access Hardware



NFPA 1983 GENERAL USE
DESCENT CONTROL, BELAY, & PULLEY

ANSI/ASSE
Z359.4

EN 12841: 2006/C; EN 341:
2011/2A; EN 15151-1: 2012/8
(11 MM, GRAY CLUTCH ONLY)

PATENTED

The highly versatile CLUTCH allows technical rope professionals to do more with less. This wearable, multi-purpose tool is designed for intuitive and efficient operation, ease of use, and optimal control. It is well suited to a multitude of rigging operations. The CLUTCH moves seamlessly between anchor-based systems and personal use, making it well-suited to a multitude of rigging operations.

CMC CLUTCH Features

- Up to 38% higher efficiency than a cam-style descender
- A stainless steel ratcheting and rotating sheave provides efficient and audible progress capture.
- Rope loading and unloading is secured with a double-latched side plate that operates independently of the device's attachment point.
- Anti-panic brake and force limiting features ensure operational safety and overload protection.
- The machined aluminum chassis clad with stainless steel wear guards ensures light weight and durability.
- An integrated becket allows for the direct connection of mechanical advantage system components.
- Allows main and belay lines to be mirrored, twin-tensioned, or nested in Double CLUTCH technique (handles controlled by single operator).
- Replaces 8 pieces of traditional equipment: pulley, rescue rack, anchor plate, load release strap, prusik cord, and 3 carabiners.
- The 11 mm CLUTCH is the only 10.5-11 mm rope diameter compatible device certified to NFPA 1983 General Use, ANSI Z359.4 and EN 12841/C, 341/2A, and 15151/8.
- The CLUTCH and CMC's new G11 Lifeline (see page 60-61) can be used together to build NFPA G rated systems using 11 mm rope, saving space and reducing weight.

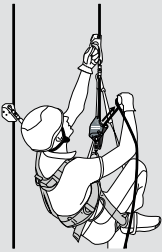


Item #	Rope Size	Color	Dimensions	Max Load	3 Sigma MBS	Weight
335011	10.5 – 11 mm (7/16 in)	Gray	208 x 112 x 47 mm (8.2 x 4.4 x 1.9 in)	272 kg (600 lb)	Pulley: 40 kN (8,992 lbf) Becket: 22 kN (4496 lbf)	836 g (1.84 lb)
335013*	12.5 – 13 mm (1/2 in)	Red	208 x 112 x 47 mm (8.2 x 4.4 x 1.9 in)	272 kg (600 lb)	Pulley: 40 kN (8,992 lbf) Becket: 22 kN (4496 lbf)	819 g (1.805 lb)

*Call CMC for availability on the CLUTCH 13mm (1/2in)

CLUTCH Applications

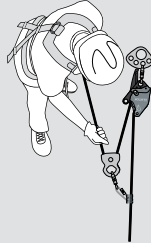
Easy Ascent



Smooth Descent



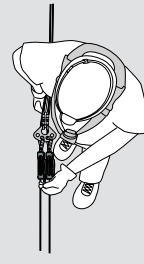
Efficient Hauling



Controlled Lowering



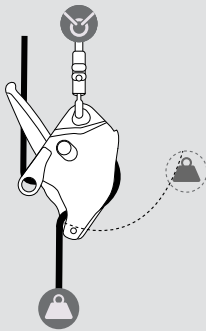
Twin Tension Systems



Belaying



CLUTCH Testing



Drop Test

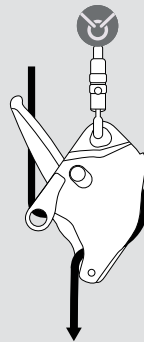
CLUTCH drop test performed on fourteen 10.5-11 mm ropes showed:

Max arrest force of 6.6 kN to 10.1kN

Slip range of 35 mm to 680 mm

System extension of 180 mm to 990 mm

No visible damage to the rope or device

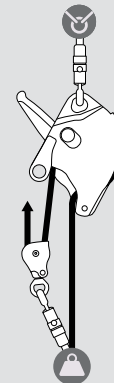


Slip Test

CLUTCH slip test performed on fourteen 10.5-11 mm industry ropes showed:

Safe and reliable slip between 7.3 kN and 11.56 kN

No visible damage to the rope or device



Efficiency Test

CLUTCH efficiency test performed on a 1:1, 2:1, and 3:1 showed:

71% efficiency in a 1:1 system

85% efficiency in a 2:1 or 3:1

Up to 38% higher efficiency than a cam-style descender

MORE AT CMCPRO.COM

Technical Content

To see more testing data, visit cmcpro.com/technical

MPD™ (Multi-Purpose Device)

A High-Efficiency Pulley with an Integrated Rope Grab and More



UL CLASSIFIED TO NFPA 1983 - GENERAL USE PULLEY / BELAY / DESCENT CONTROL DEVICE

PATENTED

The MPD is a revolutionary tool that allows rescue and rope access professionals to transition from lowering to raising without changing hardware. It can be used as a lowering device on main and belay lines or twin tension systems, and then rapidly converted to a raising system without switching or replacing hardware. This combination of features in a single device reduces weight, simplifies training and on-scene rigging, expedites operations, and increases user safety.

MPD Features

- Industry leading 88% hauling efficiency in a 1:1
- Functions as both a brake for lowering and a ratcheting pulley for raising.
- Variable-friction control for rescue systems and rappels.
- High-efficiency pulley with integrated rope locking mechanism.
- Built-in becket for more efficient rigging of pulley systems.
- Allows main and belay lines to be mirrored or twin-tensioned.
- Rapidly converts to retrieval line in confined space operations.
- Includes storage bag and user manual.
- Versions are available for 13 mm (1/2 in) rope (red body) and 11 mm (7/16 in) rope (slate body).
- 11 mm version rated for Technical Use as a Descent Control Device and Belay.

Weight: 1.2 kg (2.6 lb)

NFPA Rating (Pulley): General Use

3 Sigma MBS Pulley: 49 kN (11,015 lbf)

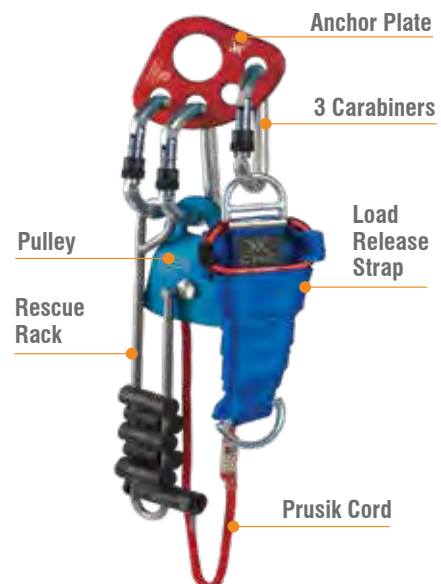
Item #	Rope Size	Color	NFPA Rating
333000	13 mm (1/2 in)	Red	General Use
333010	11 mm (7/16 in)	Slate	Technical Use

13 mm version designed for use with 12.5–13 mm rope. Rope used for certification rounded up to 13 mm per NFPA 1983.

11 mm version designed and tested with 11 mm rope. 11 mm version is NFPA-rated Technical Use for descent control and belay.



One MPD Replaces these Eight Pieces of Equipment



3D™ A Compact, Lightweight, Locking-Bar Descender



UL CLASSIFIED TO NFPA 1983 GENERAL AND TECHNICAL USE

PATENTED

The 3D delivers extraordinary safety, control, and performance for rappelling or for one- or two-person lowers.



The three-stage locking center bar provides additional safety.

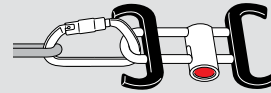
3D Features

- Two sliding bars and one fixed bar ensure optimal friction control.
- Three-stage locking center bar for added safety.
- Frame dimensions allow large carabiners to be used without contacting rope.
- Horn design works with 13 mm and smaller diameter ropes, and allows easy addition or subtraction of friction.
- Proprietary Super Hard Anodized Finish prevents transfer of material to rope.
- 3D can be loaded or unloaded while connected to harness or anchor.
- 3D can be loaded from the top or bottom, and descent can be controlled from either side of device.
- The straight-feed design will not put twist in rope.
- Made from 100% aluminum and stainless steel components.

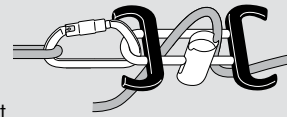
Item #	Rope Size	NFPA Rating	Weight
300880	13 mm (1/2 in) 9.5–13 mm (7/16–1/2 in)	General Use Technical Use	481 g (1.1 lb)

Using the 3D

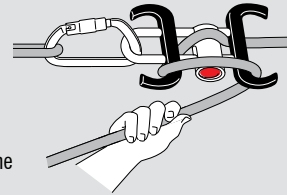
- 1** Push and hold red button to unlock.



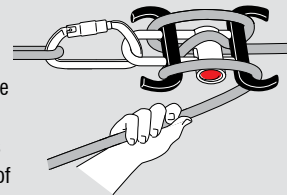
- 2** Push center bar toward button and rotate, then push bight of rope up between horns and rotate bar back into lock position.



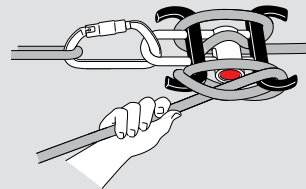
- 3** For rappel applications, or for lowering light to moderate loads, the rope should engage the top and bottom horns as shown



- 4** For maximum friction, cross the rope over and engage the top and bottom horns on the opposite side of the descender. We recommend this reave prior to tying off the descender.



- 5** To tie off, twist a half hitch around an upper horn as shown. For added security you may cross to the other side and add tie an additional half hitch.



ProSeries® Aluminum Key-Lock Carabiner

A Strong, Durable Carabiner Rated for General Use



UL CLASSIFIED TO NFPA
1983 - GENERAL USE

PATENTED



Combining high performance with minimal weight, the ProSeries Aluminum Key-Lock was the first aluminum carabiner to be certified to NFPA General Use. It offers a significant reduction in weight, while delivering exceptional strength, high safety margin, and efficient ease of use.

ProSeries Aluminum Carabiner Features

- Key-Lock gate will not snag on web or harnesses.
- 28 mm (1.1 in) gate opening on standard-size carabiner.
- 53 mm (2.1 in) gate opening on XL-size carabiner.
- Available with three gate options: Traditional Screw-Lock, Auto-Lock (opens easily with one hand), and Manual-Lock.
- Manual-Lock closes easily by pushing down on barrel.
- Removable keeper pin included with XL-size carabiners.
- Every carabiner is proof loaded and individually serial numbered.
- XL ProSeries Keeper Pin Replacement Sets are available: 3 pins, 3 screws, and 1 hex wrench (Item # 300005)

Item #	Gate	Color	3 Sigma MBS	Gate Opening	Interior Length	Weight
300221	Screw-Lock	Brite	47 kN (10,566 lbf)	28 mm (1.1 in)	103 mm (4.05 in)	142 g (.31 lb)
300233	Auto-Lock	Red	40 kN (8,992 lbf)	28 mm (1.1 in)	103 mm (4.05 in)	150 g (.33 lb)
300262	Manual-Lock	Slate	40 kN (8,992 lbf)	28 mm (1.1 in)	103 mm (4.05 in)	150 g (.33 lb)
300241	XL Screw-Lock	Brite	46 kN (10,341 lbf)	53 mm (2.1 in)	168 mm (6.62 in)	266 g (.59 lb)
300253	XL Auto-Lock	Red	41 kN (9,217 lbf)	53 mm (2.1 in)	168 mm (6.62 in)	289 g (.64 lb)
300273*	XL ANSI-Gate	Red	41 kN (9,217 lbf)	53 mm (2.1 in)	168 mm (6.62 in)	322 g (.71 lb)

*ANSI-Certified (Z359.12)

ProTech™ Aluminum Key-Lock Carabiner

A Light, Compact Carabiner Rated for Technical Use



UL CLASSIFIED TO NFPA 1983 - TECHNICAL USE

PATENTED

The ProTech Aluminum Key-Lock is a lighter weight carabiner with an optimized D-shape to maximize strength and offer a wider gate opening.

• ProTech Aluminum Carabiner Features

- Key-Lock gate will not snag on web or harnesses.
- Removable keeper pin available on Manual-Lock and Auto-Lock versions.
- Available with three gate options: Traditional Screw-Lock, Auto-Lock (opens easily with one hand), and Manual-Lock.
- Manual-Lock closes easily by pushing down on barrel.
- Every carabiner is proof loaded and individually serial numbered.
- ProTech Keeper Pin Replacement Sets are available: 3 pins, 3 screws, and 1 hex wrench (Item # 300000)



Item #	Gate	Color	3 Sigma MBS	Gate Opening	Interior Length	Weight
300161	Screw-Lock	Brite	26 kN (5,845 lbf)	25 mm (1 in)	89 mm (3.5 in)	74 g (.16 lb)
300165	Screw-Lock	Black	26 kN (5,845 lbf)	25 mm (1 in)	89 mm (3.5 in)	74 g (.16 lb)
300169	Screw-Lock	Orange	26 kN (5,845 lbf)	25 mm (1 in)	89 mm (3.5 in)	74 g (.16 lb)
300182	Manual-Lock	Slate	26 kN (5,845 lbf)	25 mm (1 in)	89 mm (3.5 in)	79 g (.17 lb)
300189	Manual-Lock w/ keeper	Orange	29 kN (6,519 lbf)	25 mm (1 in)	89 mm (3.5 in)	102 g (.22 lb)
300193	Auto-Lock	Red	26 kN (5,845 lbf)	25 mm (1 in)	89 mm (3.5 in)	79 g (.17 lb)
300153	Auto-Lock w/ keeper	Red	29 kN (6,519 lbf)	25 mm (1 in)	89 mm (3.5 in)	102 g (.22 lb)

Aluminum Oval Carabiner



This non-locking carabiner can be used for racking equipment or as the keeper carabiner on a load-release strap.

• Aluminum Oval Carabiner Features

- Key-Lock design for snag-free operation.
- Side-swing gate maximizes gate opening.
- Oval design places equal force on spine and gate, maintaining full strength regardless of width of rope or web.
- Every carabiner is proof loaded.

Item #	Gate	Color	3 Sigma MBS	Gate Opening	Interior Length	Weight
300081	Non-Locking	Brite	22 kN (4,946 lbf)	25 mm (1 in)	89 mm (3.5 in)	65 g (.15 lb)
300083	Non-Locking	Red	22 kN (4,946 lbf)	25 mm (1 in)	89 mm (3.5 in)	65 g (.15 lb)
300085	Non-Locking	Black	22 kN (4,946 lbf)	25 mm (1 in)	89 mm (3.5 in)	65 g (.15 lb)

Steel Locking D Carabiner



UL CLASSIFIED TO NFPA 1983 - GENERAL USE

A proven workhorse for rescue and rope access operations, this popular, standard-size carabiner is available with a Screw-Lock or Auto-Lock gate and easily opens with one hand.

Steel Locking D Carabiner Features

- Key-Lock design eliminates snagging.
- Gate opens wide enough to fit over most litter rails.
- Heat treated for added strength.
- Every carabiner is proof loaded.



SCREW-LOCK

AUTO-LOCK

Item #	Gate	Color	3 Sigma MBS	Gate Opening	Interior Length	Weight
300110	Screw-Lock	Gold	72 kN (16,186 lbf)	28 mm (1.1 in)	100 mm (3.9 in)	283 g (.63 lb)
300115	Screw-Lock	Black	72 kN (16,186 lbf)	28 mm (1.1 in)	100 mm (3.9 in)	283 g (.63 lb)
300120	Auto-Lock	Gold	72 kN (16,186 lbf)	28 mm (1.1 in)	100 mm (3.9 in)	309 g (.68 lb)



Stainless Steel Carabiner



UL CLASSIFIED TO NFPA 1983 - GENERAL USE
ANSI Z359.12 VERSION AVAILABLE

This is the most corrosion-resistant carabiner available, yet it is compact enough to operate easily with one hand.

Stainless Steel Carabiner Features

- Body, pins, springs, and all internal parts are stainless steel.
- Key-lock gate will not snag on web or harnesses.
- Side-swing gate maximizes gate opening.
- Non-ANSI version fits over a standard litter rail.
- Three-stage auto-locking gate with visual locking indicator.
- Every carabiner is proof loaded.

Item #	Gate	Color	3 Sigma MBS	Gate Opening	Interior Length	Weight
300010	Auto-Lock	Stainless Steel	42 kN (9,422 lbf)	27 mm (1 in)	91 mm (3.6 in)	221 g (.49 lb)
300011*	Auto-Lock	Stainless Steel	42 kN (9,422 lbf)	23 mm (0.9 in)	91 mm (3.6 in)	238 g (.53 lb)

*ANSI-Certified (Z359.12)

NEW CMC DNA ANSI Carabiner

ANSI Z359.12 | EN 362



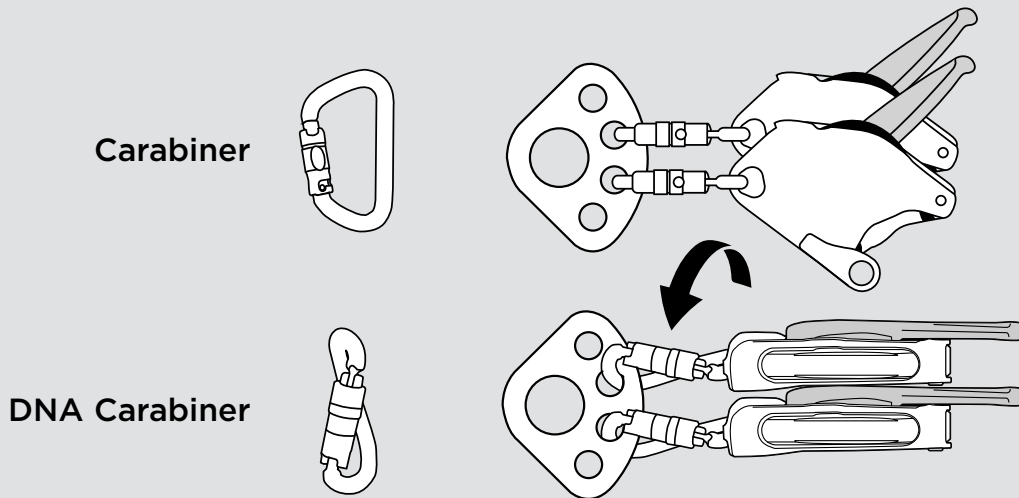
The CMC DNA ANSI Carabiner has a helical-shaped connector with a twisted carbon steel body and circular bar. This twist allows for a 90° rotation of any connected device, optimizing alignment and assisting with offset load management. Excellent choice for the Double CLUTCH.

CMC DNA ANSI Carabiner Features

- Constructed with a 3 movement auto-locking sleeve.
- Allows 90° rotation of any connected device.
- Conforms to CE and ANSI standards.

Item #	Gate	Color	Breaking Strength	Gate Opening	Interior Length	Weight
341415	Auto-Lock	Black	40 kN (10,566 lbf)	19 mm (0.75 in)	76 mm (3 in)	230 g (.51 lb)

Optimize the Double CLUTCH alignment with DNA Carabiners



The CMC DNA ANSI Carabiner enables 90° rotation of any connected device for offset load management including descenders, progress capture devices, rope clamps, and fall arresters. When used in the Double CLUTCH TTRS, the DNA optimizes CLUTCH handle alignment to allow a single operator to manage both CLUTCH handles for simultaneous twin tension control. The Double CLUTCH TTRS hauling/lowering system meets best practices, minimizes failure risks, and has the potential to reduce personnel needs.

SEE MORE

Double CLUTCH TTRS Kit

CMC DNA ANSI Carabiner is featured in our Double CLUTCH TTRS Kit. [See Page 112.](#)

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

Enforcer Load Cell Kit



UL CLASSIFIED TO NFPA 1983 - GENERAL USE

Packed with advanced features, this compact device monitors system loads and log drop tests in high resolution.



- The kit includes Enforcer Load Cell, protective waterproof case, screwdriver, and two AAA batteries.



Enforcer Load Cell Kit Features

- Compact design for in-line use with rope rigging systems.
- Large digital readout.
- Bluetooth connectivity with connection indicator.
- Lightweight machined aluminum construction.
- Swivel attachments diminish torsional and off-axis forces.
- Two sampling modes—slow for monitoring, fast for drop testing.
- Measures forces up to 20 kN.
- Reports measurements in kN, lbf, and kg.

Item #	Color	3 Sigma MBS	Dimensions
300750	Black/Sand	42 kN (9,422 lbf)	203 x 51 x 38 mm (8 x 2 x 1.5 in)

NOTE: Not for use with steel cables or wire ropes.

SEE MORE

Enforcer App for iOS Devices

The Enforcer App brings greatly enhanced monitoring and reporting capabilities to the Enforcer Load Cell. Available from the Apple App Store.



SureClip™



The SureClip extends a user's reach to install a carabiner on a high anchor, or connect a line to a worker who is incapacitated or otherwise out of reach.

SureClip Features

- Universal head securely holds a carabiner open until the pole is retrieved.
- Fiberglass hot stick pole extends to 3.85 m (12.6 ft) and collapses to 1.46 m (4.8 ft).
- Each section locks automatically as the pole is extended.
- Compatible with CMC's standard-size, auto-locking ProSeries, ProTech, and ANSI-rated Stainless Steel Carabiners.

Item #	Color	Weight
360305	Yellow/Blue	2.5 kg (5.5 lb)

CSR² Pulley



UL CLASSIFIED TO NFPA 1983
GENERAL USE

PATENTED

Strong and light, the CSR² (Confined Space Rescue) Pulley is ideal for confined space and rope rescue operations, as well as industrial and rope access applications.

CSR² Pulley Features

- A proprietary locking system eliminates a toothed cam, so the pulley can be safely released when under load.
- An integrated thrust-bearing swivel reduces torque.
- Anodized sheave machined from aluminum.
- High-strength aluminum side plates.
- High-efficiency sealed ball bearings.
- A side-located becket allows maximum lift height and full retraction of system.
- Compatible with 11 mm to 13 mm life safety ropes.
- Removable becket cover facilitates changing lifelines with sewn terminations.



Item #	Type	Color	3 Sigma MBS	Sheave Tread Size	Weight
300343	CSR ² Pulley	Red/Gray	46 kN (10,341 lbf)	57 x 13 mm (2.25 x .5 in)	1.1 kg (2.5 lb)
300342	CSR ² Double	Gray	45 kN (10,116 lbf)	57 x 13 mm (2.25 x .5 in)	680 g (1.5 lb)
300343-CE*	CSR ² Pulley	Red/Gray	46 kN (10,341 lbf)	57 x 13 mm (2.25 x .5 in)	1.1 kg (2.5 lb)
300342-CE*	CSR ² Double	Gray	46 kN (10,341 lbf)	57 x 13 mm (2.25 x .5 in)	680 g (1.5 lb)

*CE version sold in Europe only. NOTE: Do not load only one side of a double-sheave pulley.

SEE MORE | **CSR² Pulley System** pre-rigged with Static-Pro Lifeline and 2 ProSeries Carabiners. See Page 116.

HD Pulley



UL CLASSIFIED TO NFPA
1983 - GENERAL USE

Basic building blocks of many rescue and rope access systems, HD (Heavy Duty) Pulleys deliver years of dependable service.

HD Pulley Features

- Large, high-efficiency anodized aluminum sheave.
- High-efficiency sealed ball bearings.
- Aluminum side plates with smooth rounded edges to minimize rope wear.
- Wide attachment point supports multiple carabiners.
- Designed for maximum efficiency with Prusik hitches and mechanical rope grabs.



Item #	Type	Color	3 Sigma MBS	Sheave Tread Size	Weight
300441	Single	Gray	56 kN (12,588 lbf)	57 x 13 mm (2.25 x .5 in)	367 g (.8 lb)
300442	Double	Gray/Red	56 kN (12,588 lbf)	57 x 13 mm (2.25 x .5 in)	605 g (1.3 lb)
300461	Single	Red	46 kN (10,340 lbf)	95 x 13 mm (3.75 x .5 in)	850 g (1.9 lb)

NOTE: Do not load only one side of a double-sheave pulley.

Rescue Pulley

Designed for Use with up to 13 mm Lifeline



UL CLASSIFIED TO NFPA 1983
GENERAL USE

This lightweight, full-strength Prusik minding pulley is ideal for technical applications.

Rescue Pulley Features

- Machined side plates vary in thickness to maximize strength-to-weight ratio.
- High-efficiency sealed ball bearings.
- Aluminum side plates protect rope.
- Extremely low-profile stainless steel axle assembly.
- Compact design reduces snagging on uneven surfaces.
- Double pulley has integrated becket.



Item #	Type	Color	3 Sigma MBS	Sheave Tread Size	Weight
300301	Single	Red	56 kN (12,588 lbf)	38 x 13 mm (1.5 x .5 in)	145 g (.32 lb)
300302	Double	Red	50 kN (11,240 lbf)	38 x 13 mm (1.5 x .5 in)	249 g (.55 lb)

NOTE: Do not load only one side of a double-sheave pulley.

ProTech™ Pulley

Designed for Use with up to 11 mm Lifeline



UL CLASSIFIED TO NFPA 1983
GENERAL USE

A compact, full-strength Prusik-minding pulley ideal for applications where weight is a significant consideration.

ProTech Pulley Features

- Machined side plates vary in thickness to maximize strength-to-weight ratio.
- High-efficiency sealed ball bearings.
- Aluminum side plates protect rope.
- Unique axle assembly delivers a smooth side plate and high strength.
- Compact design reduces snagging on uneven surfaces.
- Double pulley has integrated becket.



Item #	Type	Color	3 Sigma MBS	Sheave Tread Size	Weight
300501	Single	Sand	36 kN (8,093 lbf)	25 x 11 mm (1 x .44 in)	94 g (.2 lb)
300502	Double	Sand	37 kN (8,318 lbf)	25 x 11 mm (1 x .44 in)	156 g (.34 lb)

Not compatible with 12.5 mm to 13 mm rope. NOTE: Do not load only one side of a double-sheave pulley.

PMP Swivel Pulley

Ideal for Use with Tripods or High Anchor Points

USA MADE | CLASSIFIED UL TO NFPA 1983 GENERAL USE | PATENTED

PMP Swivel Pulley Features

- Prusik-minding pulley with integrated rotating swivel.
- Rotating swivel aligns rope with direction of pull.
- Pivoting side plate opens without having to disconnect pulley from anchor.
- Double-detent button prevents accidental opening of side plate.
- Stainless steel sheave permits use with wire cable.
- High-efficiency sealed ball bearings.



By combining a swivel with the pulley, the overall system length is minimized, increasing travel. The patented pivoting side plate allows a rope to be quickly inserted.

Item #	Sheave	Color	3 Sigma MBS	Sheave Tread Size	Weight
300430	Stainless Steel	Orange/Slate	43 kN (9,666 lbf)	38 x 13 mm (1.5 x .5 in)	320 g (.7 lb)

Swivel Double Pulley

USA MADE | CLASSIFIED UL TO NFPA 1983 GENERAL USE | PATENTED

Swivel Double Pulley Features

- Integrated rotating swivel minimizes overall system length and increases travel while aligning rope with direction of pull
- Integrated becket for building mechanical advantage systems
- Pivoting side plates open without having to disconnect pulley from anchor.
- Double-detent button prevents accidental opening of side plates.
- Aluminum sheaves.
- High-efficiency sealed ball bearings.



This swivel double pulley is a useful addition to the equipment cache for any rescue or rope access operation.

Item #	Sheave	Color	3 Sigma MBS	Sheave Tread Size	Weight
300432	Aluminum	Orange/Slate	43 kN (9,666 lbf)	38 x 13 mm (1.5 x .5 in)	414 g (.9 lb)

NOTE: Do not load only one side of a double-sheave pulley.

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

PMP Swivel Pulley 1.1

An Exceptionally Lightweight Prusik-Minding Pulley



UL CLASSIFIED
TO NFPA 1983
TECHNICAL USE

PATENTED

PMP Swivel Pulley 1.1 Features

- Lightweight Prusik-minding pulley (PMP)
- Integrated rotating swivel minimizes overall system length and increases travel while aligning rope with direction of pull
- Pivoting side plate opens without having to disconnect pulley from anchor.
- Double-detent button prevents accidental opening of side plate.
- Aluminum sheave.
- High-efficiency sealed ball bearings.
- Designed for use with ropes up to 13 mm in diameter.



This lightweight Prusik-minding pulley (PMP) is ideal for backcountry use where every packable ounce matters.

Item #	Sheave	Color	3 Sigma MBS	Sheave Tread Size	Weight
300434	Aluminum	Orange/Slate	20 kN (4,496 lbf)	23 x 13 mm (1.1 x .5 in)	145 g (.32 lb)

PMP Swivel Pulley 2.6

Designed for Maximum Strength and Efficiency



UL CLASSIFIED
TO NFPA 1983
GENERAL USE

PATENTED

PMP Swivel Pulley 2.6 Features

- Large Prusik-minding pulley (PMP)
- Integrated rotating swivel minimizes overall system length and increases travel while aligning rope with direction of pull
- Pivoting side plate opens without having to disconnect pulley from anchor.
- Double-detent button prevents accidental opening of side plate.
- Aluminum sheave.
- High-efficiency sealed ball bearings.
- Designed for use with ropes up to 13 mm in diameter.



This larger Prusik-minding pulley (PMP) is well suited for industrial rescue and rope access operations.

Item #	Sheave	Color	3 Sigma MBS	Sheave Tread Size	Weight
300436	Aluminum	Orange/Slate	78 kN (17,534 lbf)	66 x 13 mm (2.6 x .5 in)	860 g (1.9 lb)

Kootenay Ultra Pulley



UL CLASSIFIED TO NFPA
1983 - GENERAL USE

The most functional, versatile knot-passing and high-strength tie-off pulley available.

Kootenay Ultra Pulley Features

- Separate rigging holes make rigging easier, prevent carabiners from binding against one another, and allow optimum separation of tag lines and hoist ropes.
- Integrated sheave-lock pin stows in axle and inserts easily into sheave-lock hole for high-strength tie-offs.
- Strong, durable anodized aluminum sheave.
- High-efficiency sealed ball bearings.



Item #	Sheave	Color	3 Sigma MBS	Sheave Tread Size	Weight
300391	Aluminum	Orange	44 kN (9,891 lbf)	57 x 64 mm (2.25 x 2.5 in)	709 g (1.6 lb)

Swivels



UL CLASSIFIED TO NFPA
1983 - GENERAL USE

Our anodized aluminum swivels are available in two sizes. The use of a swivel can help prevent system lines from wrapping around one another and reduce spin caused by loading a free-hanging rope.

Rescue Swivel Features

- Lightweight, high strength, standard-size swivel for litter systems.
- Symmetrical holes accommodate multiple carabiners.

ProSeries Swivel Features:

- Larger size is compatible with helicopter short-haul line equipment.
- Special bearing supports high loads without sustaining damage.



Item #	Model	Color	3 Sigma MBS	Length	Weight
300721	Rescue	Sand/Slate	36 kN (8,093 lbf)	95 mm (3.75 in)	125 g (.28 lb)
300701	ProSeries	Red/Slate	47 kN (10,566 lbf)	114 mm (4.5 in)	184 g (.41 lb)

Rescue Rack



UL CLASSIFIED TO NFPA 1983
GENERAL USE & TECHNICAL USE

This six-bar rack offers several innovative features that provide enhanced performance.

Rescue Rack Features

- Large diameter aluminum bars provide excellent descent control for heavy loads.
- The bars are center drilled to reduce weight and allow for better heat dissipation.
- CMC’s proprietary Super Finish prevents transfer of material to rope, which is common with bare aluminum bars.
- The Turbo Bar at top of rack has a tie-off pin on the side.
- The second bar has a straight slot to help warn the user of an improperly rigged rack.
- Since the top two bars do most of the work, they are a full 25 mm (1 in) in diameter.
- The angled four bottom slot bars are 22 mm (.875 in) in diameter.
- The stainless steel frame has a welded eye.
- The Rescue Rack comes assembled and ready for use (rope not included).



Item #	Rope Size*	NFPA Rating	Overall Length	Weight
300890	13 mm (1/2 in) 9.5–13 mm (7/16–1/2 in)	General Use Technical Use	381 mm (15 in)	794 g (1.4 lb)

*Certified range of rope diameters and CMC’s recommendation for best performance.

Rescue 8



UL CLASSIFIED TO NFPA 1983 - GENERAL USE & TECHNICAL USE

A classic descender refined for improved performance with smaller diameter ropes.

Rescue 8 Features

- Machined from 12.5 mm (.5 in) aluminum or steel plate.
- Smaller dimensions provide greater control with 13 mm diameter rope.
- Extended carabiner hole accommodates multiple carabiners.
- CMC's proprietary, wear resistant Super Finish on aluminum 8.
- Nickel-chrome plated steel 8 excels in high-wear situations.



Item #	Material	Color	Rope Size*	Large Hole	NFPA Rating	Weight
300840	Aluminum	Black	9.5–13 mm (7/16–1/2 in)	65 mm (2.5 in) Diameter	General & Technical Use	187 g (.5 lb)
300850	Steel	Chrome	9.5–13 mm (7/16–1/2 in)	65 mm (2.5 in) Diameter	General & Technical Use	539 g (1.2 lb)

*Certified range of rope diameters and CMC's recommendation for best performance.

Rappel 8



UL CLASSIFIED TO NFPA 1983 - TECHNICAL USE

This smaller 8 is preferred by many SWAT teams, climbers, cavers and sport rappellers.

Rappel 8 Features

- Machined from 12.5 mm (.5 in) aluminum plate.
- Offers superb control on 9.5 mm (3/8 in) to 11 mm (7/16 in) diameter ropes.
- Proprietary Super Finish.
- Contains more material than other small 8s for better heat dissipation.



Item #	Material	Color	Rope Size*	Large Hole	NFPA Rating	Weight
300845	Aluminum	Black	9.5-11 mm (3/8–7/16 in)	51 mm (2 in) Diameter	Technical Use	187 g (.41 lb)

*Certified range of rope diameters and CMC's recommendation for best performance.

Survivor™ 8



UL CLASSIFIED TO NFPA 1983 - ESCAPE

An extremely compact 8 that works well with escape lines and other small diameter ropes.

Survivor 8 Features

- Machined from 9.5 mm (.38 in) aluminum plate.
- Rounded edges reduce sharp bends.
- Large carabiner hole helps prevent binding.
- Hard anodized, non-reflective finish.



Item #	Material	Color	Rope Size*	Large Hole	NFPA Rating	Weight
300875	Aluminum	Dark Gray	8.5 mm (5/16 in)	31 mm (1.25 in)	Escape	43 g (.09 lb)

*Certified range of rope diameters and CMC's recommendation for best performance.

Traverse 540° Rescue Belay



UL CLASSIFIED TO NFPA 1983 GENERAL USE

PATENTED

This is a well-engineered, self-locking, easy-to-rig device. It was developed specifically to meet the needs of rescue system belays.

Traverse 540° Rescue Belay Features

- This self-locking device holds falling loads quickly while limiting peak force.
- A symmetrical design reduces the risk of improper rigging.
- A built-in release lever discharges tension on the belay rope, eliminating the need for a release hitch.



Item #	NFPA Rating	Color	Rope Size	Weight
331540	General Use	Blue	11.5–13 mm	624 g (1.5 lb)
331542	General Use	Green	11–13 mm	624 g (1.5 lb)

CMC Ascender



UL CLASSIFIED TO NFPA 1983 GENERAL USE & TECHNICAL USE

A lightweight, compact rope grab designed for optimal rope strength that facilitates progression along a life safety rope.

CMC Ascender Features

- Spring-loaded cam for instant progress capture.
- Stainless steel, quick-release pin allows removal of cam for easy installation at any point on the rope.
- Large connection point accommodates large-size carabiners.
- Machined from aircraft-grade aluminum alloy.
- Widely used in situations where a mechanical rope grab is needed to provide greater efficiency.



Item #	Color	Shell	Cam	Rope Size	NFPA Rating	Weight
341103	Orange	Aluminum	Spring Loaded	13 mm (1/2 in) 11–13 mm (7/16–1/2 in)	General Use Technical Use	252 g (8.8 oz)

ATOM Chest Ascender Kit



A specialized solution for affixing a chest ascender to the ATOM Harness.

ATOM Chest Ascender Kit Features

- Kit includes one sewn Ascender Loop Assembly and one 8mm Delta Quick Link. Chest ascender sold separately.
- Compatible with the Climbing Technology Chest Ascender HC, Climbing Technology Chest Ascender+, and Petzl Croll Ascenders sizes small and large.
- Sewn Ascender Loop and 8mm Delta Quick Link are also available for individual purchase.



Chest ascender sold separately.

Item #	Description	Weight
343500	ATOM Chest Ascender Kit	95 g (.21 lbs)
382008*	Delta Quick Link 8mm, Black	86 g (.19 lbs)
067022*	ATOM Ascender Strap	9 g (.02 lbs)

*Kit components

SEE MORE

Build Your Own ATOM Harness

An advanced new harness series with a broad range of user-configurable options. [See Page 17.](#)

IMPROVED

Climbing Technology Chest Ascender HC



Chest Ascender HC Features

- Special wear-proof hard coat anodizing, ideal for prolonged use.
- The opening lever's external profile makes climbing the rope smoother and more effective.
- Shape of the opening lever facilitates use when wearing gloves.
- The lower hole design keeps the device parallel to the user.
- Steel cam is durable and has three cut-outs to prevent build-up of mud and reduce force needed to slide device up rope.
- Patented system unlocks cam with one downward movement.
- Anti-inversion cam system.
- Working load increased to 140 kg.



This lightweight alloy chest ascender is ideal for climbing ropes. It is recommended for use with the Quick Up Ascender.

Item #	Color	Rope Size	Working Load	Weight
343045	Brown	10–13 mm (3/8–1/2 in)	140 kg (309 lb)	147 g (5.19 oz)

Climbing Technology Quick Up Ascender

CE EN 12841/B ROPE ADJUSTMENT DEVICE, 10-13 MM.
EN 567 MOUNTAINEERING EQUIPMENT, ROPE CLAMPS, 8-13 MM.

This lightweight alloy ascender with an ergonomic rubber handle is ideal for climbing ropes.

Quick Up Ascender Features

- Rubber handle has support for index finger.
- Cam opening lever can be operated with one hand, and unlocked with one downward movement.
- Cam has three cut-outs to prevent build-up of mud and reduce force needed to slide device up rope.
- Two attachment holes for other devices.



Item #	Color	Grip	Rope Size	Maximum Load	Weight
343039	Orange	Right-Handed	10–13 mm (3/8–1/2 in)	140 kg (309 lb)	215 g (7.6 oz)
343035	Gray	Left-Handed	10–13 mm (3/8–1/2 in)	140 kg (309 lb)	215 g (7.6 oz)

Climbing Technology Quick Roll Ascender

An Innovative Handled Ascender with an Integrated Pulley

CE EN 12841/B ROPE ADJUSTMENT DEVICE, 10-13 MM.
EN 567 MOUNTAINEERING EQUIPMENT, ROPE CLAMPS, 8-13 MM.

The Quick Roll Ascender’s integrated pulley can be used in conjunction with a self-braking descender when ascending a rope.

Quick Roll Ascender Features

- Overmolded ergonomic handle for greater efficiency and increased resistance to wear.
- Steel cam protects rope from excess wear, but is effective in blocking and ascending the rope.
- Patented cam system unlocks with just one downward movement.

NOTE: Integrated pulley is only for use as an aid in ascent and is not to be used for hauling people or material.



Item #	Color	Grip	Rope Size	Maximum Load	Weight
343055	Orange	Right-Handed	10–13 mm (3/8–1/2 in)	140 kg (309 lb)	255 g (9 oz)
343059	Gray	Left-Handed	10–13 mm (3/8–1/2 in)	140 kg (309 lb)	255 g (9 oz)

Climbing Technology Roll N Lock Ascender

CE EN 12278
EN 567

Roll N Lock Ascender Features

- Spring operated cam for use as an ascender.
- A sliding lock permits use as a pulley for hauling light loads.
- Works effectively when wet or when used on dirty ropes.



This ultralight pulley/ascender combination is designed for rescue and rope access operations, as well as self-rescue situations.

Item #	Color	Rope Size	Weight
343053	Orange/Grey	8–13 mm (1/4–1/2 in)	80 g (2.8 oz)

Anchor Plate

USA
MADE

UL CLASSIFIED TO NFPA
1983 GENERAL USE

A classic CMC innovation that has stood the test of time.

Anchor Plate Features

- Keeps carabiners holding different parts of a system from jamming together, making hardware easier to see and safety checks more accurate.
- Small holes are 22 mm (.875 in) diameter.
- Large hole is 51 mm (2 in) diameter.



Item #	Model	3 Sigma MBS	Weight
300610	Aluminum, Red	45 kN (10,116 lbf)	204 g (.45 lb)
300615	Stainless Steel	43 kN (9,666 lbf)	278 g (.61 lb)

Micro-Anchor Plate

USA
MADE

UL CLASSIFIED TO NFPA
1983 GENERAL USE

Micro-Anchor Plate Features

- The large hole acts as a collection point for multi-point anchors and the small holes keep carabiners separated.
- Oblong shaped holes make inserting carabiners easier.
- Small holes are 16 mm (.63 in) diameter.
- Large hole is 25 mm (1 in) diameter.



When weight and size are issues, this ultra-compact, light, anodized aluminum anchor plate is the right choice.

Item #	3 Sigma MBS	Weight
300623	45 kN (10,116 lbf)	74 g (.16 lb)

Harken Ninja™ Foot Ascender

Lightweight and durable, the boot-mounted Ninja Foot Ascender uses your body's largest muscle group to ascend a rope quickly and easily.

Ninja Foot Ascender Features

- A dual-cam system applies pressure to both sides of the rope simultaneously while preventing accidental kick-outs.
- Designed with lower spring force for reduced rope drag.
- Transverse ribbed cam design will not damage rope.



Item #	Dimensions	Rope Diameter	Maximum Rated Load	Weight
342403	83 x 74 mm (3.3 x 2.9 in)	8 - 13 mm (5/16 - 1/2 in)	1.5 kn (330 lb)	175 g (0.4 lb)

Adjustable Ascender Loop



Designed for use on the CMC/ROCO Work-Rescue Harness (page 19) along with a quick link connector for positioning a chest ascender.

Adjustable Ascender Loop Features

- 25 mm (1 in) nylon securely sewn to a coated black steel buckle.
- Compatible with most full body harnesses and chest ascenders.

Item #	Color	Length	Weight
201989	Red	17.1 cm (6.75 in)	55 g (.12 lb)

Ascender Loop



The Ascender Loop is designed to be attached to a chest ascender and connected to a quick link in order to keep the ascender upright.

Ascender Loop Features

- Sewn with a half twist for girth hitching to the top of the ascender.
- Compatible with most full body harnesses and chest ascenders.

Item #	Color	Length	Weight
201981	Red	17.1 cm (6.75 in)	17 g (.04 lb)

Maillon Rapide Quick Links

CE EN 362, EN 12275



Delta

Oval

Made of galvanized steel, Quick Links, also known as screw links, are popular for use in situations where carabiners are not recommended, such as when tri-axial loading cannot be avoided.

Rapide Quick Links Features

- The Delta shape can be used to rig anchors and as a chest harness connector.
- Although slower to open and close than a carabiner, quick links can be more secure when tightened down.

Item #	Option	Bar Diameter	Inside Length	Working Load	Breaking Load	Weight
382101	Delta	10 mm	67 mm (2.63 in)	8.8 kN (1,984 lbf)	44.1 kN (9,920 lbf)	150 g (.33 lb)
382121	Delta	12 mm	81 mm (3.19 in)	10.8 kN (2,425 lbf)	53.9 kN (12,125 lbf)	258 g (.57 lb)
383051	Oval	5 mm	40 mm (1.56 in)	4.4 kN (992 lbf)	22.1 kN (4,960 lbf)	37 g (.08 lb)
383071	Oval	7 mm	52 mm (2.06 in)	5.4 kN (1,213 lbf)	27 kN (6,065 lbf)	51 g (.11 lb)
383121	Oval	12 mm	81 mm (3.19 in)	14.7 kN (3,307 lbf)	73.6 kN (16,535 lbf)	233 g (.51 lb)
384101	Long Oval	10 mm	86 mm (3.38 in)	9.8 kN (2,205 lbf)	49 kN (11,025 lbf)	159 g (.35 lb)

Kong Trapezium Quick-Link

This stainless steel quick-link is perfect for connecting a chest ascender to a full body harness.

Trapezium Quick-Link Features

- Semi-permanent connection when closed with a wrench.
- Elongated shape allows wider gate opening.
- Made in Italy.

Dimensions: 43 x 60 x 13 mm (1.7 x 2.4 x .5 in)



Item #	Diameter	MBS	Weight
385638	9 mm	33 kN (7,418 lbf)	125 g (.27 lb)

Aluminum O-Ring



A small, strong connection point machined from high-strength aluminum bar stock. Rounded inner surface minimizes rope bend and allows smooth movement.



Item #	Diameter	MBS	Weight
302900	33 mm (1.31 in)	22.2 kN (5,000 lbf)	31 g (.07 lb)

Steel O-Ring

A drop-forged, alloy steel connection point made from 12.7 mm (.5 in) stock. Allows the attachment of control lines, a litter harness, and pulleys—all at one strong point.



Item #	Diameter	MBS	Weight
305011	76 mm (3 in)	44.5 kN (10,000 lbf)	309 g (.68 lb)

Harken Gas Powerseat® Ascender

CE EN13157

A powered ascender that has revolutionized rescue and rope access operations by allowing users to ascend quickly, stay in position longer, and work in comfort.

Gas Powerseat Features

- Highly portable unit weighs just 14 kg (31 lb).
- Fail-safe dead man's switch controls ascent.
- Braking system controls descent and protects against free falls.
- Stainless steel load-carrying gears and pins.
- Sealed gearbox and load carrying bearings do not require lubrication.
- Jaw cover prevents fingers and clothing from becoming caught.
- High-efficiency motor requires only a few liters of unleaded gas with four-stroke mix for a full day's work at height.
- Remains upright to maintain work position without operator adjustment.

Item #	Maximum Rated Load	Maximum Ascent Speed	Weight
733515	273 kg (601 lb)	15 m/min (49.2 ft/min)	14 kg (30.9 lb)



Harken Battery Powerseat® Ascender

CE EN13157

A lightweight, prolonged usage, battery-powered ascender that opens new possibilities in enclosed and confined space operations.

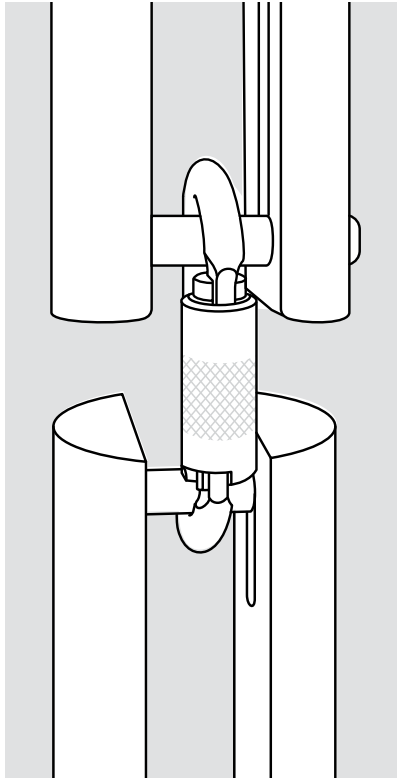
Battery Powerseat Features

- Developed specifically for rope access and rescue applications.
- Fail-safe dead man's switch controls ascent speed.
- Controlled sensitivity for delicate rescues and precise maneuvering of load.
- Braking system controls descent and protects against free falls.
- Stainless steel load-carrying gears and pins.
- Sealed gearbox and load carrying bearings do not require lubrication.
- Suitable for use outdoors, or indoors where engine emissions are restricted.
- 48V lithium-ion battery with battery management system to prolong useful life.
- Jaw cover prevents fingers and clothing from becoming caught.
- Remains upright to maintain work position without operator adjustment.

Item #	Maximum Rated Load	Maximum Ascent Speed	Weight
733520	300 kg (661 lb)	14 m/min (45.9 ft/min)	19 kg (41.9 lb)



3-Sigma Minimum Breaking Strength Explained



What is 3-Sigma MBS and why is it important?

3-Sigma MBS (Minimum Breaking Strength) plays a vital role in the selection of life safety equipment. NFPA 1983—the standard for life safety rope and equipment for the emergency services—specifies minimum performance standards and labeling requirements. Those standards are reported as 3-Sigma MBS values, and it is important for users to be aware of how MBS values are determined.

Since life safety products cannot be individually tested to their full rated strength without damaging them, a test method was devised that breaks samples (usually five), and then statistically analyzes the test results to accurately predict the strength of untested samples from the same population.

Why is NFPA using the 3-Sigma Method?

NFPA chose the 3-Sigma method for determining minimum breaking strength because it has been proven by many years of use in science and industry. In practice, manufacturers submit multiple samples of products to a certified independent laboratory—such as Underwriters Laboratories (UL)—to have them tested before they can mark and sell their products as classified. Users value this independent verification of a product's performance.

How does a 3-Sigma MBS Rating provide 99.87% Level of Confidence?

Statistical tools, such as those found in Microsoft Excel, can be easily applied to data generated by a group of test samples. The variability in breaking strength among the samples determines the calculated value for Sigma. Then three times Sigma, subtracted from the sample mean, provides the 3-Sigma MBS for the population from which the samples were drawn. The NFPA 1983 standard allows manufacturers to mark their products with either the required minimum MBS, or the actual calculated MBS from the most recent certified laboratory tests conducted. CMC uses actual values, rounded downward to the nearest full kN.

Some may find it disconcerting that a 3-Sigma MBS marked on a product does not absolutely guarantee every example will be as strong as the marked value. However, that's the nature of any process that uses statistical methods to predict the strength of a product. The 3-Sigma method described here provides a very high—99.87%—confidence level that products from the population will meet or exceed the marked value, with the realization that 1.5 samples out of 1,000 could be expected to break below the marked value. Fully understanding 3-Sigma MBS provides life safety professionals with additional insight when selecting equipment and assuring safety in the field.





ROPE AND WEB

When a person takes hold of a rope, it becomes something more. It becomes a literal life line, their foremost connection to safety. CMC develops lifelines and other rope, cord, and webbing with full consideration of who, not what, is on the other end.

From fiber materials to core construction, we assure our rope and web are crafted for high performance, without loss of strength or integrity when exposed to the elements. CMC's extensive internal testing ensures that our rope and web meet the safety requirements and standards for intended use, giving technical rope professionals peace of mind and the freedom to focus during operations.

CMC rope products must meet the highest standards in strength, hand, knotability, and durability. Leveraging decades of experience, CMC guided development of G11™ Lifeline, the first G-rated 11 mm rope made of traditional fibers. This innovation in fiber-core technology offers superior knotability, and reduces weight and volume, without compromising strength. When used with the CMC CLUTCH™ by Harken Industrial, G11 creates a versatile, G-rated, 11 mm system.

As the integral part of any rigging system, rope quality matters. CMC's advanced rope designs offer exceptionally crafted ropes for rescue, rope access, and other life safety operations.

NEW

CMC G11™ Lifeline

Reduces Weight and Volume, Not Strength



UL CLASSIFIED TO NFPA 1983
GENERAL USE



POLYESTER SHEATH



NYLON CORE



CMC G11 Lifeline is the first NFPA, G-rated 11 mm rope made from traditional fibers. It is a low-stretch kernmantle rope constructed with a polyester sheath and nylon core. G11 Lifeline offers maximum strength in a lightweight and easy to handle rope. Providing enhanced safety and performance, as well as superior knotability, it is ideal for rope rescue and rope access operations.

G11 Lifeline Features

- The 11 mm diameter offers lighter weight and less volume than traditional 13 mm lifelines without sacrificing strength.
- Kernmantle construction with a polyester sheath and nylon core.
- Available in 4 colors and 3 lengths, as well as custom lengths up to 2,400 ft.
- Melting point is 238° C (460° F).



Weight and Volume Savings CMC G11 Lifeline



25-30% lighter than
13 mm Rope



25% less volume than
13 mm Rope

Approximate values based on industry averages.



G11 Lifeline is Sold By the Foot

Item #	NFPA Rating	Color/Stripe	Diameter	Elongation Percent at			3 Sigma MBS	Weight per 100 ft
				1.35 kN (300 lbf)	2.7 kN (600 lbf)	4.4 kN (1000 lbf)		
283111	General Use	Orange/Gray	11 mm (7/16 in)	3.0	5.5	7.9	40 kN (8,992 lbf)	2.59 kg (5.7 lb)
283112	General Use	Blue/Gray	11 mm (7/16 in)	3.0	5.5	7.9	40 kN (8,992 lbf)	2.59 kg (5.7 lb)
283113	General Use	Red/Gray	11 mm (7/16 in)	3.0	5.5	7.9	40 kN (8,992 lbf)	2.59 kg (5.7 lb)
283114	General Use	Yellow/Gray	11 mm (7/16 in)	3.0	5.5	7.9	40 kN (8,992 lbf)	2.59 kg (5.7 lb)

The Advantages of an 11 mm G-Rated System

Pairing G11 with the CLUTCH for greater efficiency

G11 Lifeline's fiber-core technology reduces weight and volume, but not strength. This innovation also means rescuers can use more compact hardware, reducing weight and volume throughout their cache. When the CLUTCH and G11 are combined, the result is a versatile G-Rated system with greater safety and efficiency for every haul, lower, ascent, and descent. Additionally, G11 promotes wider collaboration between rope professionals across industries and continents. Standardizing to 11 mm allows teams everywhere to learn and train on the same systems and equipment. Techniques can be more easily shared, adapted, and improved for the benefit of the rope community as a whole.

Static-Pro™ Lifeline

A Low-Stretch Polyester Life Support Rope



UL CLASSIFIED TO NFPA 1983



POLYESTER SHEATH



POLYESTER CORE



Static-Pro Lifeline Features

- Recommended for high lines, long rappels, and mechanical advantage haul systems.
- Kernmantle construction with a polyester sheath and polyester core.
- Excellent hand, knotability and UV resistance.
- High Tenacity Polyester (HTP) fiber doesn't absorb water, maintaining strength when wet.
- Polyester has better resistance to acids than nylon.
- Solid color sheath with a single stripe.
- Block creel, static kernmantle construction. 32-strand braided sheath, half the strands with a left (Z) twist and half with a right (S) twist for a balanced, torque-free rope with maximum abrasion resistance.
- Melting point is 249° C (480° F).

Item #	NFPA Rating	Color/Stripe	Diameter	Elongation Percent at			3 Sigma MBS	Weight/100 ft
				1.35 kN (300 lbf)	2.7 kN (600 lbf)	4.4 kN (1000 lbf)		
281200	General Use	White/Blue	12.5 mm (1/2 in)	1.2	1.8	2.5	41 kN (9,217 lbf)	3.7 kg (8.2 lb)
281201	General Use	Orange/White	12.5 mm (1/2 in)	1.2	1.8	2.5	41 kN (9,217 lbf)	3.7 kg (8.2 lb)
281202	General Use	Blue/White	12.5 mm (1/2 in)	1.2	1.8	2.5	41 kN (9,217 lbf)	3.7 kg (8.2 lb)
281203	General Use	Red/White	12.5 mm (1/2 in)	1.2	1.8	2.5	41 kN (9,217 lbf)	3.7 kg (8.2 lb)
281207	General Use	Yellow/White	12.5 mm (1/2 in)	1.2	1.8	2.5	41 kN (9,217 lbf)	3.7 kg (8.2 lb)
281102	Technical Use	Blue/White	11 mm (7/16 in)	1.2	1.8	2.8	35 kN (7,868 lbf)	2.9 kg (6.5lb)
281103	Technical Use	Orange/White	11 mm (7/16 in)	1.2	1.8	2.8	35 kN (7,868 lbf)	2.9 kg (6.5lb)
281109	Technical Use	Red/White	11 mm (7/16 in)	1.2	1.8	2.8	35 kN (7,868 lbf)	2.9 kg (6.5lb)

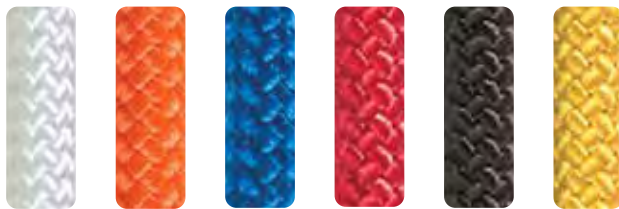
StaticPro Lifeline is sold by the foot. Rope ends are included. No charge on custom cutting. Please contact CMC customer support for maximum length available.



Static-Pro Lifeline and CMC Lifeline can be ordered with a custom sewn termination that includes a stainless steel rope thimble. The stitching is protected by clear, durable shrink tubing. Contact CMC customer support for more information.

CMC Lifeline™

The Industry Standard 100% Nylon Kernmantle Rope



CMC Lifeline Features

- Recommended for a wide range of rescue and rope access applications.
- Kernmantle construction with a nylon sheath and nylon core.
- An optimum balance of strength, handling, knotability, durability, and minimal sheath slippage.
- Provides a high level of control when used with a descent control device.
- Solid color sheath.
- Block creel, static kernmantle construction. 32-strand braided sheath, half the strands with a left (Z) twist and half with a right (S) twist for a balanced, torque-free rope with maximum abrasion resistance.
- Melting point is 238° C (460° F).

Item #	NFPA Rating	Color	Diameter	Elongation Percent at			3 Sigma MBS	Weight/100 ft
				1.35 kN (300 lbf)	2.7 kN (600 lbf)	4.4 kN (1000 lbf)		
274010	General Use	Orange	15.5 mm (5/8 in)	1.4	3.2	5.2	50 kN (11,240 lbf)	4.9 kg (10.9 lb)
263200	General Use	White	13 mm (1/2 in)	2.4	4.5	7.2	42 kN (9,442 lbf)	3.5 kg (7.7 lb)
273210	General Use	Orange	13 mm (1/2 in)	2.4	4.5	7.2	42 kN (9,442 lbf)	3.5 kg (7.7 lb)
273220	General Use	Blue	13 mm (1/2 in)	2.4	4.5	7.2	42 kN (9,442 lbf)	3.5 kg (7.7 lb)
273230	General Use	Red	13 mm (1/2 in)	2.4	4.5	7.2	42 kN (9,442 lbf)	3.5 kg (7.7 lb)
273250	General Use	Black	13 mm (1/2 in)	2.4	4.5	7.2	42 kN (9,442 lbf)	3.5 kg (7.7 lb)
273270	General Use	Yellow	13 mm (1/2 in)	2.4	4.5	7.2	42 kN (9,442 lbf)	3.5 kg (7.7 lb)
272810	Technical Use	Orange	11 mm (7/16 in)	3.2	6.0	9.3	28 kN (6,294 lbf)	2.5 kg (5.6 lb)
272830	Technical Use	Red	11 mm (7/16 in)	3.2	6.0	9.3	28 kN (6,294 lbf)	2.5 kg (5.6 lb)
272850	Technical Use	Black	11 mm (7/16 in)	3.2	6.0	9.3	28 kN (6,294 lbf)	2.5 kg (5.6 lb)
272450	Technical Use	Black	9.5 mm (3/8 in)	3.3	6.9	10.2	22 kN (4,946 lbf)	2.2 kg (4.8 lb)

CMC Lifeline is sold by the foot. Rope ends are included. No charge on custom cutting. Please contact CMC customer support for maximum length available.

Teufelberger KM III

A Superior Handling Static Kernmantle Rope



UL CLASSIFIED TO NFPA 1983



EN 1891: TYPE A



POLYESTER SHEATH



NYLON CORE



Teufelberger KM III Features

- Weight-balanced construction, with the sheath and core each making up half the rope's weight.
- Kernmantle construction with a polyester sheath and nylon core.
- Excellent handling and knotability, and torque balanced to eliminate spin during rappels.
- Polyester sheath protects against abrasion and harsh chemicals, and will not absorb water.
- Solid color sheath with two stripes (black sheath has no stripes).
- Block creel, static kernmantle construction. 32-strand braided, half the strands with a left (Z) twist and half with a right (S) twist for a balanced, torque-free rope with maximum abrasion resistance.
- Nylon Core with High Tenacity Polyester Sheath.
- Melting point is 238° C (460° F).

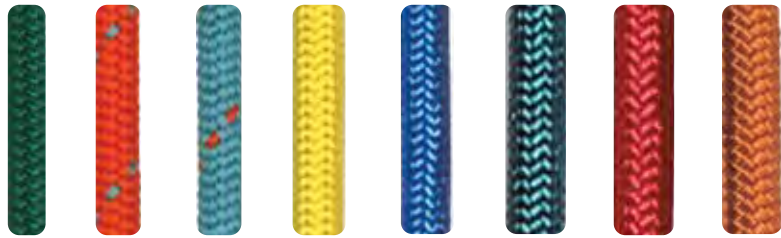
Item #	NFPA Rating	Color	Diameter	Elongation Percent at			3 Sigma MBS	Weight/100 ft
				1.35 kN (300 lbf)	2.7 kN (600 lbf)	4.4 kN (1000 lbf)		
K00160	General Use	White/Blue	13 mm (1/2 in)	3.0	4.9	7.2	46 kN (10,341 lbf)	3.5 kg (7.8 lb)
K01160	General Use	Red/White	13 mm (1/2 in)	3.0	4.9	7.2	46 kN (10,341 lbf)	3.5 kg (7.8 lb)
K02160	General Use	Safety Green/Blue	13 mm (1/2 in)	3.0	4.9	7.2	46 kN (10,341 lbf)	3.5 kg (7.8 lb)
K03160	General Use	Blue/White	13 mm (1/2 in)	3.0	4.9	7.2	46 kN (10,341 lbf)	3.5 kg (7.8 lb)
K04160	General Use	Black	13 mm (1/2 in)	3.0	4.9	7.2	46 kN (10,341 lbf)	3.5 kg (7.8 lb)
K05160	General Use	Orange/Blue	13 mm (1/2 in)	3.0	4.9	7.2	46 kN (10,341 lbf)	3.5 kg (7.8 lb)
K00140	Technical Use	White/Blue	11 mm (7/16 in)	3.0	5.6	8.4	35 kN (7,868 lbf)	2.7 kg (6.0 lb)
K05140	Technical Use	Orange/Blue	11 mm (7/16 in)	3.0	5.6	8.4	35 kN (7,868 lbf)	2.7 kg (6.0 lb)
K00120	Technical Use	White/Blue	9.5 mm (3/8 in)	3.1	5.8	9.0	30 kN (6,744 lbf)	2.1 kg (4.7 lb)
K05120	Technical Use	Orange/Blue	9.5 mm (3/8 in)	3.1	5.8	9.0	30 kN (6,744 lbf)	2.1 kg (4.7 lb)

KM III is sold by the foot. Rope ends are included. No charge on custom cutting. Please contact CMC customer support for maximum length available.

Prusik Cord & Load Release Hitch Cord



Meets the most important requirement for cord used for Prusik hitches—reliable consistency in handling, diameter, and strength.



Prusik Cord Features

- Provides the right balance of suppleness for reliable activation, but is not so soft that it wears out rapidly.
- 100% nylon with torque-free, kernmantle construction.
- Solid color sheath helps distinguish from ordinary accessory cords.
- Two color choices in 6 mm, 7 mm, and 8 mm diameter cords.
- 9 mm diameter cord is preferred for use in a load-releasing hitch.

Item #	Diameter	Color	MBS	Weight/ft
293008	5 mm	Dark Green	7 kN (1,574 lbf)	8.5 g (.02 lb)
293011	6 mm	Orange/Blue	8 kN (1,798 lbf)	8.5 g (.02 lb)
293012	6 mm	Blue/Orange	8 kN (1,798 lbf)	8.5 g (.02 lb)
293017	7 mm	Yellow	8 kN (1,798 lbf)	8.5 g (.02 lb)
293037	7 mm	Blue	8 kN (1,798 lbf)	8.5 g (.02 lb)
293018	8 mm	Green	16 kN (3,597 lbf)	14 g (.03 lb)
293038	8 mm	Red	16 kN (3,597 lbf)	14 g (.03 lb)
293039	9 mm	Orange	17 kN (3,822 lbf)	17 g (.04 lb)

Sewn-Loop Prusiks



The product of years of testing and development, CMC's Sewn-Loop Prusiks offer unmatched performance.

Sewn-Loop Prusiks Features

- Strength equivalent to a tied Prusik—without the knot.
- Factory-sewn SecureStitch™ is covered with durable clear shrink tubing that allows inspection and protects stitching.
- Made with CMC's proprietary 8 mm Prusik cord.
- Comes with shrink tubing to protect stitching (do not remove)

Diameter: 8 mm | **MBS:** 20 kN (4,496 lbf)

Item #	Size	Color	Length	Weight
293083	Short	Red	46 cm (18 in)	48 g (.11 lb)
293086	Long	Green	63.5 cm (25 in)	62 g (.14 lb)

AZ Bound-Loop Prusiks



Identical to Sewn-Loop Prusiks except that shrink tubing captures both sides of the loop, allowing it to be adjusted.

Bound-Loop Prusik Features

- Some users prefer a bound-loop Prusik for cinching the attachment bight around a carabiner in order to snug the Prusik to the connector.
- Factory-sewn SecureStitch™ is covered with durable clear shrink tubing that allows inspection and protects stitching.
- Made with CMC's proprietary 8 mm Prusik cord.
- Comes with shrink tubing to protect stitching (do not remove)

Diameter: 8 mm | **MBS:** 20 kN (4,496 lbf)

Item #	Size	Color	Length	Weight
293383	Short	Red	46 cm (18 in)	48 g (.11 lb)
293386	Long	Green	63.5 cm (25 in)	62 g (.14 lb)

NFPA Throwline



UL CLASSIFIED TO NFPA 1983 - THROWLINE

NFPA Throwline Features

- Dyneema® core and polypropylene sheath.
- Excellent handling.
- Bright yellow for high visibility.

Meets all NFPA specifications for a floating water rescue line.



Item #	Diameter	3 Sigma MBS	Weight/100 ft
293387	8 mm (5/16 in)	15 kN (3,372 lbf)	907 g (2 lb)

SRT Throwline



SRT Throwline Features

- A high visibility rope that floats.
- Abrasion resistant nylon sheath and polypropylene core.
- Supple enough to fit into a compact throw bag.
- Has added strength and ease of grip needed to set tension diagonals or boat lines.

The versatility of a throwline with the larger diameter needed for a better grip.



Item #	Diameter	MBS	Weight/100 ft
292957	9.5 mm (3/8 in)	15 kN (3,372 lbf)	1.8 kg (3.9 lb)

Redi-Line™ Throwline



Redi-Line Features

- Polypropylene line with hollow-braid construction.
- Easy to handle and stuff into throw bag.
- Red/white stripe rope has high visibility in and out of water.

An excellent, cost-effective choice for shore-based responders.



Item #	Diameter	MBS	Weight/100 ft
292763	11 mm (7/16 in)	10 kN (2,248 lbf)	1 kg (2.3 lb)

Teufelberger River Rescue Rope



Teufelberger River Rescue Rope Features

- Compatible with Prusiks, ascenders, pulleys, and other rescue hardware.
- Abrasion-resistant nylon sheath with polyolefin core.

Intended for high-load applications that normally call for a lifeline, but also require a rope that floats.



Item #	Diameter	MBS	Weight/100 ft
293220	11 mm (7/16 in)	16.45 kN (3700 lbf)	2.3 kg (5 lb)

Escape Line



UL CLASSIFIED TO NFPA 1983 - ESCAPE

Escape Line Features

- Low-stretch, 8.2 mm diameter kernmantle construction.
- Polyester sheath with nylon core.
- Large enough diameter for easy handling, but compact when stuffed in bag or pocket.
- Melting point 238° C (460° F).
- Orange sheath with yellow stripe.

A low-stretch kernmantle escape line that provides outstanding performance.



Item #	3 Sigma MBS	Weight/100 ft
K05100	21 kN (4,721 lbf)	1.6 kg (3.5 lb)

ProSeries® Escape Line



UL CLASSIFIED TO NFPA 1983 - FIRE ESCAPE

ProSeries Escape Line Features

- Core and sheath are made of Technora fiber.
- 7.5 mm diameter static kernmantle construction.
- Extensively tested under static and dynamic conditions.
- Char point 482° C (900° F).
- Tan sheath with black stripe.

Made of 100% Technora® fiber for high strength, abrasion resistance, and durability when exposed to heat and flame.



Item #	3 Sigma MBS	Weight/100 ft
292015	32 kN (7,194 lbf)	1.5 kg (3.4 lb)

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

Reflective RIT Line



High-visibility Technora and polyester line for Rapid Intervention Teams made even more visible by a strand of highly reflective 3M™ tape.

Reflective RIT Line Features

- Technora strands for high strength in adverse conditions.
- Supple enough to pack easily, but firm enough to be felt against a floor in low-visibility conditions when wearing gloves.
- Technora chars at 482° C (900° F), polyester melts at 249° C (480° F).
- Tan and orange sheath with yellow and reflective stripes.

Item #	Diameter	MBS	Weight/100 ft
292005	5.8 mm	7 kN (1,574 lbf)	712 g (1.6 lb)

Teufelberger Maxim Climbing Rope



A 100% nylon kernmantle climbing rope that knots easily, and is extremely flexible and free running.



Teufelberger Maxim Climbing Rope Features

- Unique construction with stranded core of Perlon-type nylon held in place by a tightly braided, abrasion-resistant sheath.
- Holds International Climbing and Mountaineering Federation (UIAA) certification.

Color: Varies | **UIAA Falls:** 15 | **Impact Force:** 9.6 kN (2,158 lbf)

Item #	Diameter	Length	Weight/100 ft
294465	11 mm (7/16 in)	50 m (165 ft)	2.95 kg (6.5 lb)

Ladder Line



Spun polyester sheath provides a secure grip with or without gloves, whether wet or dry.



Ladder Line Features

- Excellent resistance to UV, rot, and mildew extends service life.
- Splice or use a halyard clamp for easy installation.
- White sheath with red tracer.
- NFPA 1931 specifies an MBS of 825 lbf for halyards.

Item #	Diameter	MBS	Weight/100 ft
293120	9.5 mm (.38 in)	13.8 kN (3,102 lbf)	2.2 kg (4.8 lb)
293160	12.5 mm (.5 in)	25.6 kN (5,755 lbf)	3.6 kg (8 lb)

Halyard Clamp



Quick and easy installation, requiring only a mallet to fold the prongs over on a doubled rope.

Halyard Clamp Features

- Clamp slips at 3.6 kN (800 lbf).
- Fits both 9.5 mm (3/8 in) and 12.5 mm (1/2 in) ladderline.

Item #	Weight
294200	54 g (.12 lb)

Tubular Web



After extensive research of web construction, manufacturers' tests, and field evaluations, CMC determined that this mil-spec, needle loom web is comparable in strength and abrasion resistance to previous generation shuttle loom (spiral weave) web.

One-inch web is sold by the foot, with a maximum spool length of 300 feet. Two-inch web is sold by the 150 foot spool. Note: Military standards allow for up to three sections per spool.



Item #	Width	Color	MBS	Spool Length	Weight/ft
200101	25 mm (1 in)	Orange	17.8 kN (4,000 lbf)	91 m (300 ft)	14 g (.03 lb)
200102	25 mm (1 in)	Blue	17.8 kN (4,000 lbf)	91 m (300 ft)	14 g (.03 lb)
200103	25 mm (1 in)	Red	17.8 kN (4,000 lbf)	91 m (300 ft)	14 g (.03 lb)
200105	25 mm (1 in)	Black	17.8 kN (4,000 lbf)	91 m (300 ft)	14 g (.03 lb)
200106	25 mm (1 in)	Green	17.8 kN (4,000 lbf)	91 m (300 ft)	14 g (.03 lb)
200107	25 mm (1 in)	Yellow	17.8 kN (4,000 lbf)	91 m (300 ft)	14 g (.03 lb)
200108	25 mm (1 in)	O.D. Green	17.8 kN (4,000 lbf)	91 m (300 ft)	14 g (.03 lb)
200203	50 mm (2 in)	Red	35.6 kN (8,000 lbf)	46 m (150 ft)	28 g (.06 lb)

Flat Web



Proven to be an excellent performer after many years of use in CMC School Classes.

Flat Web Features

- Supple enough to set knots securely.
- Easier to untie than tubular web after heavy loads.
- Bulkier than tubular web, but significantly higher in strength.
- Nylon construction and Berry compliant.



Item #	Color	Width: 25 mm (1 in)
200111	Orange	MBS: 26.7 kN (6,000 lbf)
200117	Yellow	Roll Length: 46 m (150 ft)
		Weight/ft: 20 g (.04 lb)

Available by the foot or roll. Note: Industry standards allow for up to three sections per roll.

Fire Escape Web



UL CLASSIFIED TO NFPA 1983 - FIRE ESCAPE

Developed at the request of firefighters who wanted a more compact, lightweight escape solution.

Fire Escape Web Features

- 100% Technora® fiber for superior strength and durability when exposed to flame.
- Designed for use in CMC escape descenders.



Item #	Width	Color	3 Sigma MBS	Weight/100 ft
200517	11 mm	Tan	27 kN (6,070 lbf)	1.1 kg (2.5 lb)

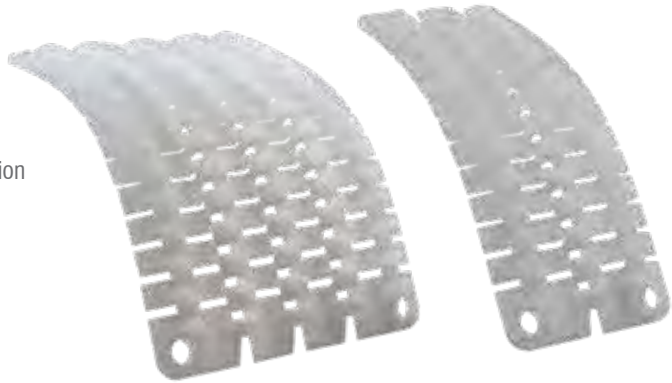
Ultra-Pro™ Edge Protectors



The most effective edge protector available.

Ultra-Pro Edge Protector Features

- Super-slick, high-performance material greatly reduces friction while protecting rope from sharp or rough edges.
- Lighter and easier to transport than edge rollers.
- Conforms to the edge while preventing sharp bends in rope.
- Avoids the tipping hazard associated with taller devices.
- Holes in all four corners allow device to be tied off or linked together for extended protection.
- Ultra-Pro 2 accepts two ropes.
- Ultra-Pro 4 accepts four ropes.



Item #	Option	Length x Width
294042	Ultra Pro 2	41 x 15 cm (16 x 6 in)
294044	Ultra Pro 4	41 x 25 cm (16 x 10 in)

Edge Pad



Provides heavy-duty protection from abrasion and helps keep ropes clean, extending their life.

Edge Pad Features

- Made from rugged 24 ounce, #4 canvas.
- Reduces the amount that ropes dig into soft edges, such as berms of a road.
- Superior design replaces metal grommets with integrated corner web loops that allow anchoring.
- Additional web loops on the side of pad allow two or more pads to be joined for extended coverage.
- Also provides protection when wrapped around trees, rails, or beams.



Item #	Size	Length x Width	Weight
294018	Large	71 x 86 cm (28 x 34 in)	652 g (1.4 lb)
294019	X-Large	147 x 86 cm (58 x 34 in)	1.2 kg (2.6 lb)
294025	XX-Large	292 x 86 cm (115 x 34 in)	2 kg (4.4 lb)

Edge Guard



Tough protection for anchor ropes, rescue ropes, and webbing.

Edge Guard Features

- Made from tough #4 duck canvas with an outside layer of vinyl-coated polyester.
- Closes with a 2-in wide strip of hook-and-loop fastener.
- An integrated strong web loop at each end allows anchoring to keep in place.

Item #	Length	Weight
294030	46 cm (18 in)	184 g (.41 lb)
294029	61 cm (24 in)	241 g (.53 lb)

Born Entry-Ease



Transforms the edge of a manhole into a smooth surface that a person or stretcher can slide over easily.

• Born Entry-Ease Features

- Stainless steel construction.
- Fits entries as small as 46 cm (18 inches) in diameter.
- Also works on railings, pipes, ladder rungs, and other surfaces that may damage a lifeline.
- May be the only workable option in locations with low overhead clearance.

Item #	Color	Weight
735100	Stainless Steel	2 kg (4.4 lb)

MORE AT CMCPRO.COM

CMC Rope Ends

Creates a clean, finished end on any rope or cord. **Item #294575**

Whip-End Dip Rope Sealer

Seals the end of a rope to prevent fraying or unraveling. **Item #294007**

Hot Cutter for Rope and Web

A heavy-duty cutter. **Item #293203**
Replacement blade. **Item #293205**

Cutting Gun for Rope and Web

Light-duty electric hand-held cutter. **Item #268010**
Replacement blade. **item #268050**

Rope I.D. Markers

A book of 60 clear self-laminating I.D. Markers. **Item #294012**

Shrink Tubing

Protects labels on ropes. Sold by the foot.
6-11 mm rope **Item #294312**
1-16 mm rope **Item #294358**

Rope Bag Card Set

Fit the display sleeve on CMC Rope and Rope and Equipment Bags. **Item #994000**

Rope Thimble

Protects a fixed loop at the end of a rope.
6-11 mm rope **Item #294276**
11-16 mm rope **Item #294212**

Bokat Rope Washer

Cleans with a combination of water pressure and brushing action. **Item #294060**

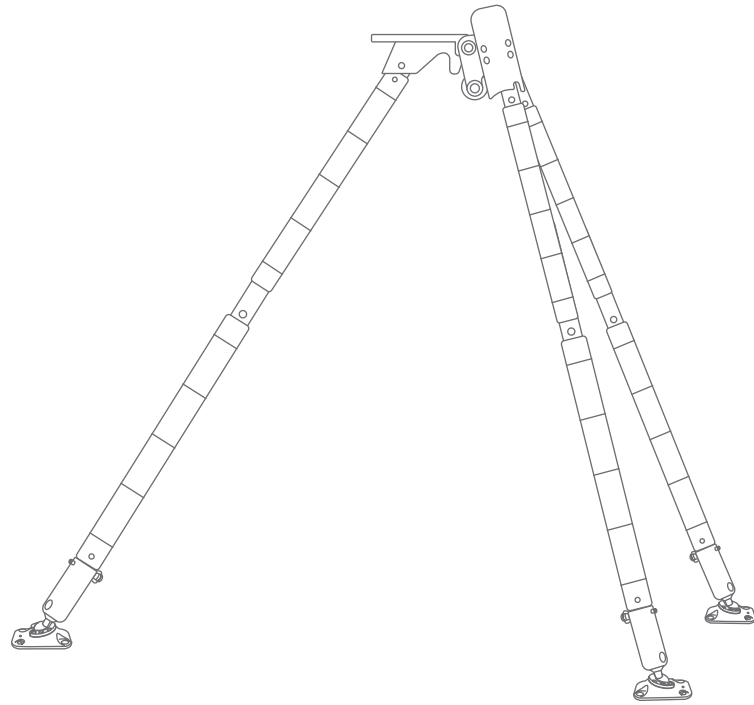
Cordage Meter

Measures cordage quickly and accurately. **Item #267030**

Rope Log

All-weather log for documenting lifeline information. **Item #993213**





ANCHOR DEVICES

CMC offers a multitude of innovative hardware and devices that help technical rope professionals build safe and efficient anchor systems in virtually any environment. In addition, specially designed bags and packs ensure that equipment like the Arizona Vortex Kit, Hurley Picket Anchor System, and other integrated components remain organized for proper stowing and comfortable hauling.

Any anchor system is only as strong as its weakest link. CMC extensively tests products in technical scenarios where all components are evaluated for strength, durability, adaptability, and ease of use.

EDUCATION

HARNESSES
AND BELTS

HARDWARE

ROPE
AND WEB

ANCHOR
DEVICES

FIRE ESCAPE

HELICOPTER
OPERATIONS

BAGS AND
PACKS

SYSTEMS
AND KITS

PATIENT
TRANSPORT

PERSONAL
GEAR

Arizona Vortex Kit

An Unparalleled Artificial High Directional Anchor



UL CLASSIFIED TO NFPA 1983
GENERAL USE

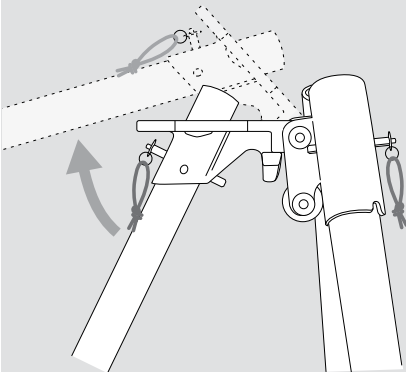
The Arizona Vortex Kit delivers a versatile tripod, bipod, and monopod in one all-inclusive package. Refined through years of development in the rugged highlands of northern Arizona, the Vortex Kit offers a combination of adaptability, ease of use, and rapid deployment that no other multi-pod can match.



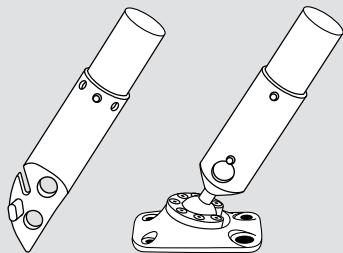
Arizona Vortex Kit Features

- The Vortex provides an artificial high directional in virtually any urban, industrial, or wilderness application.
- Vortex bag set is now configured with a RigTech Pack and 2 redesigned Leg Bags to allow for single person transport.
- The precision-machined two-piece head can be rigged as a standard tripod, an A-frame, a gin pole, and many other configurations.
- Easily adjustable leg lengths and an articulating third leg allow the Vortex head to be positioned closer to an edge than a conventional tripod.
- Pulleys can be connected directly to the head, eliminating loss of clearance when working with high lines and tracking line offsets.
- Multiple attachment points on the head are useful for rope access applications where several lines may be needed over the edge.
- Both Raptor (pointed) and Flat (gimbaled ball and socket) foot sets are included to allow secure setup on any terrain and application.

Versatility is Key



The Arizona Vortex's hinged, articulating head allows the third leg to move independently of the other two, vastly increasing its versatility as a high directional anchor.



Two foot sets (3 in each set) are provided in the Arizona Vortex Kit. Pointed "Raptor" feet allow setup in rough or rocky terrain. Gimbale ball and socket "Flat" feet are intended for use in urban or industrial environments.

Arizona Vortex Kit Includes

- 2-piece Head Set
- Head Set Pulley Wheel
- Quick Pins for Head (4)
- Inner Legs (3)
- Outer Legs (5)
- Quick Pins for Legs/Feet (17)
- Flat (Omni) Feet (3)
- Raptor (Claw) Feet (3)
- Orange Quick Pin Flags (21)
- Adjustable Hobble Straps (3)
- 12 m (40ft) 8 mm Tether Cord
- User Manual
- Vortex Bag System:
 - RigTech Pack™ (1)
 - Leg Bags with Shoulder Straps (2)
 - Sleeves for Foot Sets (2)
 - Storage bag for Quick Pins

Item #	Color	NFPA Rating	3 Sigma MBS	Weight
727300	Blue/Orange/Brite	General Use	36 kN (8,093 lbf)	43 kg (95 lb)

Arizona Vortex Accessories

Item #	Description
727400	Arizona Omni Rigging Pod (AZORP) Kit
727501	Arizona Omni Rigging Pod (AZORP) Replacement Pin
727240	Replacement Pin Set (2 Head Pins, 4 Leg Pins)
727030	Inner Leg (Brite)
727040	Outer Leg (Gray)
727090	Head Set Pulley Wheel
727140	Arizona Vortex Hobble Strap
727195	Sedona Shoulder Harness (Black/Gray)



The Arizona Omni Rigging Pod (AZORP) Kit is an optional accessory that increases versatility by providing two component halves that can be used in combination, or separately, at different positions on the inner or outer Vortex legs. Comes with two (2) pins and storage bag.

NEW

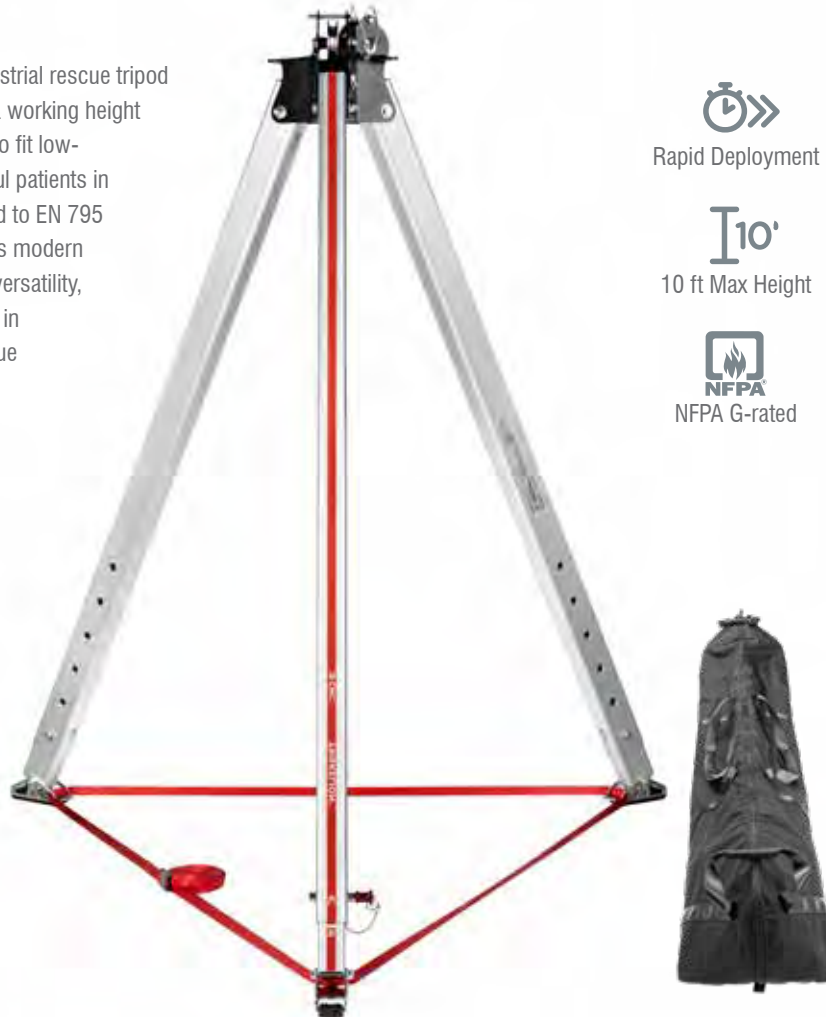
CMC Triskelion™

The First NFPA G-Rated Industrial Rescue Tripod

BSI CLASSIFIED TO NFPA 1983 GENERAL USE

EN 795, CEN/TS 16415

The CMC Triskelion is the first industrial rescue tripod certified to NFPA standards. With a working height of 5.5-10 ft, the Triskelion adapts to fit low-clearance areas and extends to haul patients in full-size litters. Additionally certified to EN 795 and CEN/TS 16415, the Triskelion's modern design sets a new benchmark for versatility, ease of use, and rapid deployment in confined space and industrial rescue operations.



Rapid Deployment



10 ft Max Height

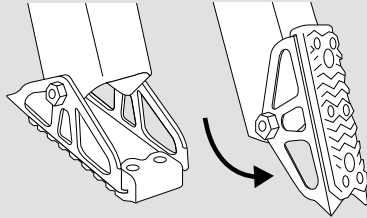


NFPA G-rated

Triskelion Features

- Third-party certification to NFPA General Use, EN 795, and CEN/TS 16415 assures the Triskelion meets the minimum breaking strength of each standard.
- 10 ft max working height allows rescuers to haul patients from a confined space using a harness or litter and 5.5 ft min working height facilitates access in low-clearance areas. 4 in leg increments help fine tune tripod height.
- Rectangular legs with built-in stoppers, tethered push pins, and high contrast graphics allow teams to quickly and easily align adjustment holes and set the desired height.
- Includes leg packing strap and reinforced carry bag with diagram for proper packing, easily carried by two people using end handles or a single person using the padded center shoulder strap.
- Supported by custom accessories that enhance its capabilities and make it even easier to use including Triskelion Winch Adapters, Foot Steps, and Ground Stakes.
- A single red webbing hobble strap secures all three legs at the base with a quick-connect Cobra Buckle, creating a system that is easier to see and lighter weight than chain, and faster than using multiple lengths of material.

Adaptable Feet



The pivoting feet have non-slip tread for hard floors and spiked tips for soft earth. A highly visible red hobble strap with a quick-connect Cobra Buckle is included to secure the feet at the base.

Rigging Options



Rigging options include two head-mounted stainless steel pulleys compatible with cable and rope up to 13 mm (1/2 in), three side-plate anchor points ideal for hauling systems, and several mounting options for the Harken LokHead Winch and DBI-Sala Salalift II Winch.

Triskelion Includes

- Triskelion Tripod
- Hobble Strap
- Carry Bag
- Leg Strap
- User Manual

Triskelion Specifications

- Footprint inside Ø of feet 1580 - 2820 mm (62.2 - 111 in)
- Footprint outside Ø of feet 1930 - 3170 mm (76 - 125 in)
- MBS attached direct to head 36 kN (8,093 lbf)
- MBS attached to leg over pulley 22 kN (4946 lbf)

Item #	Color	Tripod Weight	Dimension L x W x H (mm)
760001	Silver/Red	32 kg (70 lb)	1700 x 310 x 310

Triskelion Accessories

Item #	Description
760012	Triskelion LokHead Winch Adapter
760014	Triskelion Salalift II Winch Adapter
760015	Triskelion Foot Step Kit
760016	Triskelion Ground Stake Kit



LokHead Winch Adapter



Foot Step Kit (2 Steps)



Salalift II Winch Adapter



Ground Stake Kit (3 Stakes)

SEE MORE

Harken LokHead Winch Kit.
See Page 78.

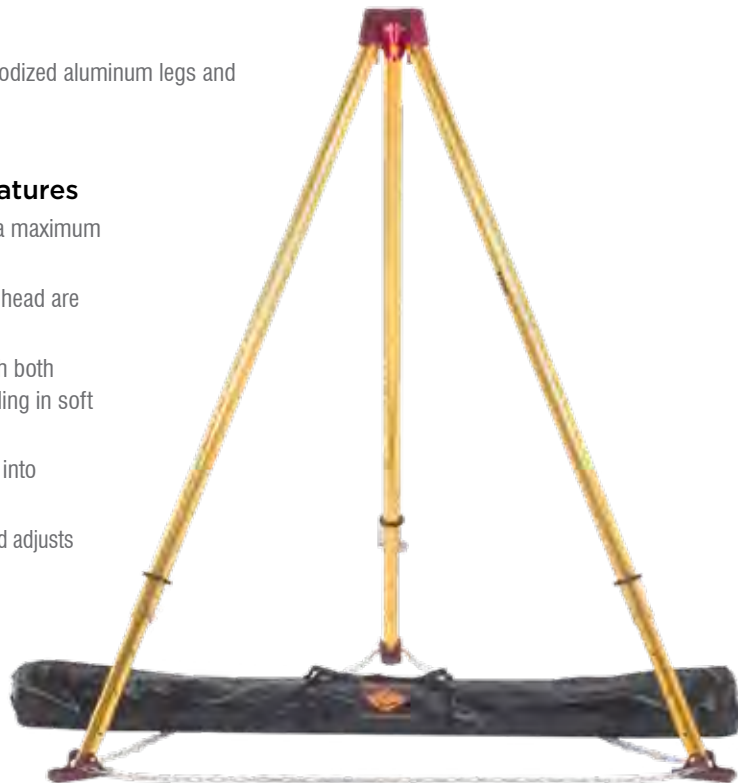
Sked-EVAC Industrial Tripod



This heavy-duty tripod is comprised of gold anodized aluminum legs and a cast aluminum head.

Sked-EVAC Industrial Tripod Features

- Legs adjust in 127 mm (5 in) increments to a maximum height of 3 m (10 ft).
- Three exceptionally large rigging holes in the head are easy attachment points.
- The cast aluminum feet swivel and come with both sure-grip rubber pads and points for embedding in soft or slippery surfaces.
- Holes in the feet allow the tripod to be bolted into position.
- Included safety chain prevents leg movement and adjusts with an included screw link.
- Carrying bag not included. Sold separately.



Item #	Description	Max Height	Color	Weight
757000	Tripod	302 cm (119 in)	Gold/Red	31.8 kg (70 lb)
757010	Carrying Bag	na	Black	1.4 kg (3 lb)

Sked Tripod Winch Bracket



Connects a winch to the Sked-EVAC Industrial Tripod. Compatible with the DBI/Sala Salalift II Winch or DBI/Sala Sealed SRL Winch.



Item #	Weight
300410	2.4 kg (5.3 lb)

SEE MORE

Harken LokHead Winch Kit. [See Page 78.](#)

NEW

Hurley Picket Anchor System

A Portable, Versatile, and Rapidly Deployed Solution

USA
MADE

PATENTED



When natural or man-made anchors are absent, this portable anchor system can be used for personal fall restraint, work positioning, suspension, or rescue. Its patented design reduces training and setup time and optimizes the system's pullout capacity. The breaking strength of the anchor plate and pickets are well in excess of 40 kN (8,992 lbf).* A screw-on striking cap increases the speed and safety of picket installation, and a screw-on eye-piece allows easy extraction. The system comes with a designated carrying bag and shoulder strap for easy storage and transport.

Hurley Picket Anchor System Features

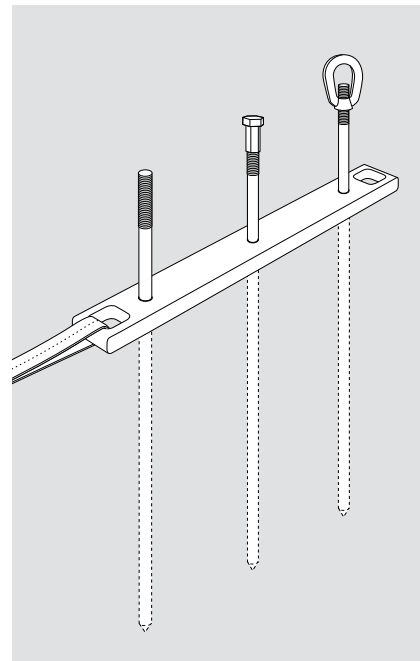
- Creates a rigid interface between anchor plate and pickets allowing each picket to be loaded equally and instantaneously, greatly increasing pull-out capacity over a lashed or windlass picket anchor.
- Installed in a fraction of the time required for a lashed or windlass system. Readily combined with additional anchors if needed.
- Ease of use and simplified set up reduces training time.
- Picket orientation and spacing is optimized in accordance with International Industrial Fabrics Association study on tent stakes.

Anchor Plate Dimensions 90.2 x 3.8 x 10.2 cm (35.5 x 1.5 x 4 in)

Picket Dimensions Round 104.1 x 2.5 cm (42 x 1 in)

Item #	Color	Weight
303500	Black Anodized	23.6 kg (52 lb)

* WARNING: Local soil conditions and added system components will dictate the total holding strength of the anchor system. It is the user's responsibility to understand the soil types and conditions present in the areas where the anchor system is to be deployed and determine the impact on holding strength.



Hurley Picket Anchor System Includes

- 1 hard anodized aluminum anchor plate
- 3 stainless steel pickets
- 1 striking cap
- 1 removal eye nut
- 1 carry bag with shoulder strap

Harken LokHead Winch Kit



UL CLASSIFIED TO NFPA 1983 TECHNICAL USE

This man-riding portable winch was designed specifically for confined space rescue retrieval or for use with davit systems. The captive head allows the winch to be used safely and keeps rope from accidentally coming off the winch and releasing.



Item #	Max Rated Load (Goods and Equipment)	Max Rated Load (Rescue Loads)	Weight
733500	500 kg (1,102 lb)	240 kg (529 lb)	14.5 kg (32 lb)

Harken LokHead Winch Kit Features

- Lightweight, easy to rig, and efficient with a 40:1 power ratio and 2 speeds.
- Can be driven by a power drill or manually with the provided handle.
- Braking system controls descent and prevents free falls.
- Encapsulating jaw cover protects fingers and clothing from catching in the winch.
- Designed for use with 10 mm to 12.7 mm (3/8 in to 1/2 in) diameter rope of unlimited length.
- Compatible with Arizona Vortex Kit.

Harken LokHead Winch Kit Includes

- Stainless steel mounting plate and hardware
- Tripod adapter
- Winch Handle
- CMC adjustable strap
- Two (2) CMC Auto-Lock Carabiners
- Waterproof carry case

Harken Riggers Winch 500



This lightweight, portable self-tailing winch is mounted to a robust adapter plate that makes it simple to use in diverse applications.



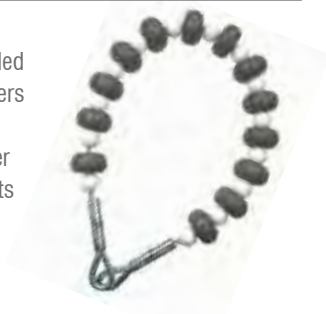
Harken Riggers Winch 500 Features

- Highly portable, easy to rig, and efficient with a 40:1 power ratio and 2 speeds.
- Pigtail line lead allows easy installation of rope and ensures correct alignment for maximum efficiency.
- Stainless Steel load-carrying gears and pins.
- Unique drum design maximizes grip on rope.
- Sculpted mounting plate has multiple attachment points and is versatile in challenging or remote environments.
- 250 mm (10 inch) winch handle included.

Item #	Max Rope Diameter	Max Rated Load	Weight
733510	12.5 mm (.5 in)	490 kg (1,101 lb)	7 kg (15.4 lb)

ClimbTech Roller Sling

Provides an anchor with sealed ball bearing rollers and spacers for use when working on bridges, around pipe, or other locations where anchor points aren't easily available.



Item #	Size	MBS	Weight
391603	3 foot	22 kN (5,000 lbf)	1.13 kg (2.5 lb)
391606	6 foot	22 kN (5,000 lbf)	2.2 kg (5 lb)

ClimbTech Vertical/Fixed Beam Anchor



Attaches in any orientation or direction to beams sized 10.1 to 35.6 cm (4 to 14 in).

Item #	MBS	Weight
391314	22 kN (5,000 lbf)	3.08 kg (6.8 lb)

ClimbTech Beam Trolley

CE EN 795

Designed for beams with 7.6 to 25 cm (3 to 10 in) flange.

Beam Trolley Features

- Sealed ball bearing wheels.
- Polyester sling.
- 360° swivel D-ring.
- Stainless steel lockout screws.



Item #	MBS	Weight
391222	22 kN (5,000 lbf)	3.49 kg (7.7 lb)

ClimbTech Removable Bolt Anchor

CE EN 795



Developed for fall protection and multi-use, this removable concrete anchorage connector is lightweight, safe, and surprisingly simple to employ.

Item #	Size	MBS	Weight
391100	1 inch	22 kN (5,000 lbf)	453 g (1 lb)
391075	3/4 inch	22 kN (5,000 lbf)	181 g (.4 lb)
391050	1/2 inch	12 kN (2,700 lbf)	90 g (.2 lb)

ClimbTech Mega Swivel 10K Anchor

CE EN 795

Made from zinc-plated steel and designed for repeated use, the unique swivel ring allows a D-ring to rotate 360° as well as flip back and forth 180°.



Mega Swivel 10K Anchor Features

- Can be used as an anchor in concrete or steel.
- Designed for use in lifelines, tie-backs, staging, and rigging.

Item #	MBS	Weight
391425	44 kN (10,000 lbf)	640 g (1.4 lb)

MORE AT CMCPRO.COM

Full Line of ClimbTech Products at cmcpro.com/c/climbtech

Azzard Tower Climbing Connector



A quick one-handed connection to towers or other structures when protecting an ascent using a lead climbing technique.

Tower Climbing Connector Features

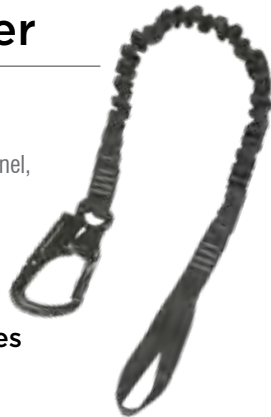
- Custom designed aluminum ring reduces weight and provides a wide, smooth bearing surface for rope.
- 25 mm (1 in) web has wear indicator for easy inspection.
- Double locking connector can be opened with one hand.

Item #	Length	Weight
201828	60 cm (24 in)	255 g (.56 lb)
201829	76 cm (30 in)	278 g (.61 lb)

Tactical Tether



Designed for special ops personnel, this tether connects the wearer to an anchor point in an aircraft or on an edge.



Tactical Tether Features

- Made from 25 mm (1 in) tubular web with an integrated bungee to retreat as needed.
- Can be used as a girth hitch to attach the loop end to a harness and connect the sewn-in, black double-locking connector to an anchor.
- Rated strength is 11 kN (2,473 lbf).

Item #	Extended Length	Weight
201705	117 cm (46 in)	204 g (.45 lb)

Y-Shok Lanyard™



An integrated shock absorber offers added protection when climbing or traversing towers and structures.



Y-Shok Lanyard Features

- One snap hook remains secure while the other is moved to the next location.
- Lightweight, ANSI-rated snap hooks are double acting but can be opened with one hand.
- Includes Stainless Steel Auto-Lock Carabiner.

Item #	Overall Length	MBS	Weight
301017	91 cm (36 in)	22.2 kN (5,000 lbf)	1.8 kg (4 lb)

Bypass Lanyard



Maintain fall protection while climbing or traversing towers and structures.



Bypass Lanyard Features

- Each side of the lanyard is an arm's reach in length.
- Lightweight, ANSI-rated snap hooks are double acting but can be opened with one hand.
- Includes an oval screw link.

Item #	Overall Length	MBS	Weight
301010	71 cm (28 in)	22.2 kN (5,000 lbf)	1.3 kg (2.8 lb)

DBI/SALA EZ Stop® Shock Absorber



ANSI Z359.13

Designed for a wide variety of anchor points, this shock absorber has loops in each end that can be connected to carabiners. The maximum deployment distance is 122 cm (48 in), and the average arresting force is 4 kN (900 lbf).



Item #	Length	Capacity	Weight
390364	30 cm (12 in)	141 kg (310 lb)	48 g (.9 lb)

FastLink™ Anchor Strap



UL CLASSIFIED TO NFPA 1983 — GENERAL USE

An extremely fast connecting anchor strap solution.



FastLink Anchor Strap Features

- When the strap is wrapped around an anchor point, and the integrated ProTech™ Auto-Lock Carabiner is clipped into the included 12 mm Delta Quick Link, it is ready to be connected to a system.
- The strap's unique design eliminates potentially hazardous tri-axial loading of a connecting carabiner.

NOTE: The use of an Anchor Strap Sleeve for added edge and abrasion resistance is recommended.

3-Sigma MBS Specifications for All Sizes

Basket (U) Configuration: 45 kN (10,116 lbf)

End-to-End Configuration: 25 kN (5,620 lbf)

Color: Blue

Item #	Size	Length	Weight
201062	Small	91 cm (3 ft)	590 g (1.3 lb)
201063	Medium	152 cm (5 ft)	726 g (1.6 lb)
201064	Large	213 cm (7 ft)	862 g (1.9 lb)
201065	X-Large	305 cm (10 ft)	997 g (2.2 lb)

Anchor Strap Sleeve



Protects anchor straps from surface abrasion and the elements, reducing wear, increasing safety, and extending service life.



Pictured with Anchor Strap (not included)

Color: Black

Anchor Strap Sleeve Features

- Made from tough #4 duck canvas with an outside layer of vinyl coated polyester.
- Available in four sizes.

Item #	Size	Length	Weight
294032	Small	61 cm (2 ft)	198 g (.44 lb)
294033	Medium	122 cm (4 ft)	340 g (.75 lb)
294034	Large	183 cm (6 ft)	544 g (1.2 lb)
294035	X-Large	274 cm (9 ft)	816 g (1.8 lb)

Variable Anchor Strap



UL CLASSIFIED TO NFPA
1983 GENERAL USE



This strap's advanced design offers higher performance than other adjustable anchor straps.

3-Sigma MBS Specifications

WITH BLUE WEB:

Basket (U) Configuration: 69 kN (15,511 lbf)

End-to-End Configuration: 18 kN (4,046 lbf)

Choker Configuration: 41 kN (9,216 lbf)

WITH BLACK WEB:

Basket (U) Configuration: 53 kN (11,914 lbf)

End-to-End Configuration: 26 kN (5,844 lbf)

Choker Configuration: 21 kN (4,720 lbf)

Item #	Color	Weight
201020	Blue	737 g (1.6 lb)
201040	Black	737 g (1.6 lb)

Variable Anchor Strap Features

- Adjusts from 91 cm (3 ft) to 213 cm (7 ft).
- Use of additional length of web allows strap to handle a higher load before slipping.
- D-Ring on one end is oversized, so the other end can pass through it, allowing the strap to be rigged in a choker (girth hitch) configuration and still be adjusted.
- Sewn-on Web Keeper™ helps keep stored strap organized.

NOTE: Use of a Delta Quick Link connector (Item #382121) is recommended to prevent possible tri-axial loading of a carabiner when the strap is used in a basket configuration.

Load Release Strap



UL CLASSIFIED TO NFPA
1983 GENERAL USE

Makes sizing and tying a load-releasing hitch fast, easy, and dependable.



Load Release Strap Features

- Larger D-Ring on load end with enough space for multiple carabiners.
- Wide web and multiple wraps provide a high degree of control during release.
- Comes pre-assembled with one ProTech™ Oval Carabiner.
- Made from the same high-strength web and hardware as CMC Anchor Straps.

Color: Blue

Item #	Extended Length	3 Sigma MBS	Weight
201108	81 cm (32 in)	30 kN (6,744 lbf)	397 g (.9 lb)

Anchor Strap



UL CLASSIFIED TO NFPA
1983 GENERAL USE

Made with two layers of durable mil-spec, resin-coated nylon web to offer increased safety and service life.



Anchor Strap Features

- Forged steel D-Rings are individually proof loaded and sized for easy choker (girth hitch) configuration when desired.
- Sewn-on Web Keeper™ helps keep stored strap organized.

3-Sigma MBS Specifications for All Sizes

Basket (U) Configuration: 85 kN (19,108 lbf)

End-to-End Configuration: 46 kN (10,340 lbf)

Choker Configuration: 48 kN (10,790 lbf)

Color: Blue

Item #	Size	Length	Weight
201022	Small	91 cm (3 ft)	425 g (.94 lb)
201023	Medium	152 cm (5 ft)	544 g (1.2 lb)
201024	Large	213 cm (7 ft)	680 g (1.5 lb)
201025	X-Large	305 cm (10 ft)	862 g (1.9 lb)
201026	XX-Large	457 cm (15 ft)	1.2 kg (2.6 lb)

FastLink™ Pick-Off Strap



Two carabiners are incorporated directly into this strap, reducing overall weight.



FastLink Pick-Off Strap Features

- Includes two ProTech™ Auto-Lock Carabiners with keeper pins (UL Classified to NFPA 1983 – Technical Use).
- Made from the same high-strength web and adjuster hardware as the original CMC Pick-Off Strap.

Item #	Color	Extended Length	Weight
201107	Blue	127 cm (50 in)	482 g (1 lb)

Pick-Off Strap



Pick-Off Strap Features

- Allows the rescuer to quickly connect to a victim and then adjust the strap to a desired length.
- A loop at the end of the strap provides a positive grip.
- Made of high-strength, mil-spec 45 mm (1.75 in) web.
- Depending on how the buckle is loaded, the web begins to slip at 15 to 20 kN (3,500 to 4,500 lbf).
- The integrated Web Keeper™ allows the strap to be carried on a gear sling without becoming tangled or caught.



Designed for use when positioning a victim for a lowering, on a rappel-based pick-off, or on an assisted rappel.

Item #	Color	Extended Length	Weight
201106	Blue	137 cm (54 in)	408 g (.89 lb)

Adjustable Litter Strap



Allows minor adjustments to be made by the tender while a litter is being carried in a low angle evacuation.



Adjustable Litter Strap Features

- The buckle extends the strap, preventing rescuer from being pulled down with the litter.
- Sewn loop strength exceeds 36 kN (8,093 lbf).
- Can also be used as a pick-off strap.

Item #	Color	Extended Length	Weight
201102	Blue	76 cm (30 in)	278 g (.6 lb)

Etrier And Etrier With Tie-In



Designed specifically for rescue, this etrier is superior for litter tending and other vertical activities.

Etrier Features

- Made from 25 mm (1 in) mil-spec tubular web.
- Four steps are stiffened for easier foot entry and abrasion protection.
- Top handle aids balance when moving up or down a tender line.
- Etrier with Tie-In has a 91 cm (3 ft) multi-loop strap that can be attached to a harness as a safety backup.

Length: 152 cm (60 in)

Item #	Color	Option	Weight
201161	Orange	Basic	176 g (.39 lb)
201171	Yellow	Basic	176 g (.39 lb)
201122	Blue	W/Tie-In	235 g (.52 lb)
201132	Red	W/Tie-In	235 g (.52 lb)

Adjustable Foot Loop



Designed for use in conjunction with an ascender or rope grab when ascending.



Adjustable Foot Loop Features

- Connect an ascender to the top loop adjacent to the adjuster buckle.
- Any single loop on the yellow tether can be connected to a harness.
- An extra layer of web holds the foot loop open.

Item #	Color	Extended Length	Weight
201195	Black/Yellow	137 cm (54 in)	136 g (4.8 oz)

8 Link



Allows further extension of a Figure 8 Descender from a harness in order to make room for a safety Prusik hitch below the descender.



Pictured with Figure 8 (not included).

8 Link Features

- Attaches to the Figure 8 with a girth hitch.
- Multiple carabiner slots allow wide range of adjustment.
- Pocket stitching breaks at 5 kN (1,100 lbf).

Color: Black

Item #	Length	MBS	Weight
201202	137 cm (54 in)	16.9 kN (3,800 lbf)	54 g (1.9 oz)

Multi-Loop Strap



Tie into an anchor with just the right amount of web.

Multi-Loop Strap Features

- Made from 25 mm (1 in) tubular web.
- Pocket stitching breaks at 5 kN (1,100 lbf).

MBS: 16.9 kN (3,800 lbf)

Item #	Color	Length	Loops	Weight
201012	Red	61 cm (24 in)	4	68 g (.15 lb)
201013	Yellow	91 cm (36 in)	8	85 g (.19 lb)
201014	Orange	168 cm (66 in)	18	170 g (.34 lb)

Utility Loops



Permitting versatility when setting anchors, they can be looped over anchor points or used in a basket or choke configuration.



Utility Loops Features

- Made from 25 mm (1 in) tubular web.
- Good grip when tied off with a girth hitch.

MBS: 24 kN (5,400 lbf)

Item #	Size	Color	Length	Weight
201212	Small	Blue	61 cm (24 in)	60 g (.13 lb)
201213	Medium	Orange	91 cm (36 in)	82 g (.18 lb)
201214	Large	Red	152 cm (60 in)	130 g (.29 lb)

Runners



Available in four sizes popular for rescue operations.

Runners Features

- Made from 25 mm (1 in) tubular web with a sewn loop at each end.
- Large size works well for tying a mariner's knot.

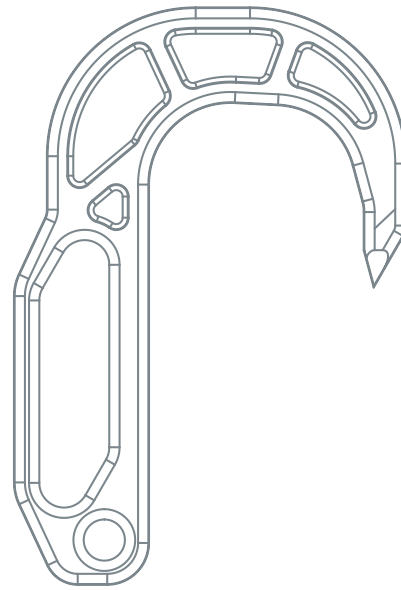
MBS: 16.9 kN (3,800 lbf)

Item #	Size	Color	Length	Weight
201002	Small	Orange	114 cm (45 in)	62 g (.13 lb)
201004	Large	Blue	152 cm (60 in)	77 g (.17 lb)
201005	X-Large	Yellow	191 cm (75 in)	91 g (.2 lb)
201006	XX-Large	Red	4.6 m (15 ft)	198 g (.44 lb)

CMC Web Gear

CMC SEWN WEB PRODUCTS reflect many years of manufacturing experience. These are CMC's own designs, based on extensive testing and use in the fields. The lightweight and durable tubular web we employ delivers an impressive strength-to-weight ratio, and each product is sewn with contrasting thread color for ease of inspection. CMC sewn web products are made in our California manufacturing facility by the same skilled sewers who make CMC harnesses and straps.





FIRE ESCAPE

The conditions for emergency bailouts happen unexpectedly. In these last resort scenarios, a personal escape system provides a means for emergency egress.

CMC has dedicated considerable time and resources to developing more intuitive, more compact, and more reliable escape systems. With the safety of the user as our top priority, we've recently enhanced the hardware components to help firefighters perform more rapid and efficient bail outs.

Designed to assure rapid emergency egress with safe, controllable descent, the LEVR™ Escape System is built around the new CMC LEVR™ descender, a next-generation device that uses its lever-shaped handle for improved descent control, fast and easy horizontal pay-out, reliable edge transition, and intuitive operation. The kit also includes the newly re-designed Flash.2 Escape Anchor – UL certified to NFPA 1983 Escape Use – and 50 feet of proprietary CMC Fire Escape Web for a lightweight, low volume, and low profile system. A multitude of customizable carry options allow for integration with turnout gear, leaving the user uninhibited.

CMC offers a range of additional personal escape gear and accessories to meet agency needs and budget, while maintaining the highest standards of safety and performance.

IMPROVED

LEVR™ Escape System

An Extremely Compact and Intuitive Escape System



UL CLASSIFIED TO NFPA 1983 FIRE ESCAPE

U.S. PATENT PENDING



LEVR System Includes

- A LEVR descender reeved with 15.2 m (50 ft) of 11 mm Fire Escape Web™ (UL Classified to NFPA 1983 – FR Escape Web).
- A Flash.2™ Escape Anchor (UL Classified to NFPA 1983 – Escape Use).
- A Nomex® fabric waist carry bag.
- A ProTech™ Aluminum Auto-Lock Carabiner (UL Classified to NFPA 1983 – Technical Use) with a sewn Kevlar® fiber tether.

LEVR Escape System Features

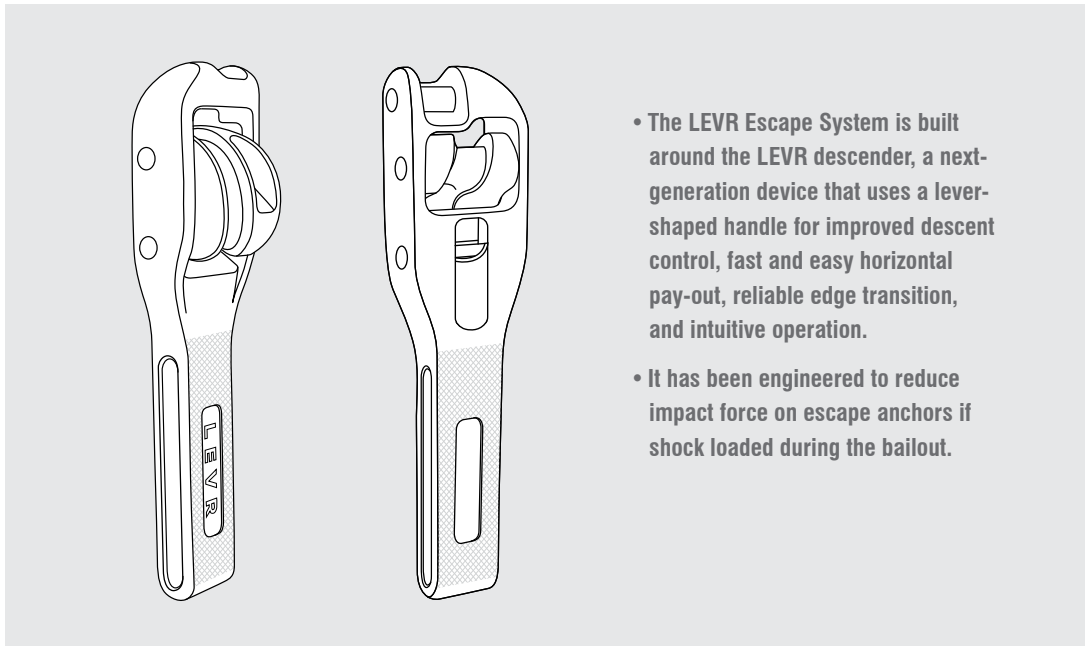
- The unique LEVR design provides a smooth and reliable edge transition, minimizing the potential for hang-ups at the window sill.
- The Flash.2 Escape Anchor is UL certified to NFPA 1983 - Escape Use for all foreseeable loading scenarios, including tip loading the hook.
- The system is engineered for quick, easy horizontal payout of web to allow fast egress from remote anchor points.
- The low-profile side carry bag is designed for right- or left-handed deployment. It securely attaches to a belt or harness with hook and loop fasteners, or by threading a belt through the integrated tunnel loop.
- Fire Escape Web™ is made from 100% Technora® fiber for high strength and heat resistance. It dramatically reduces the space required for storage.

Item #	Color	Dimensions	3 Sigma MBS	System Weight
500360	Red/Black	152 x 203 x 69 mm (6 x 8 x 2.75 in)	13.5 kN (3,034 lbf)	1.1 kg (2.4 lb)

• NOTE: Custom carry bag shapes, including cartridge-style escape bags, are available and can be made to your specifications if quantity requirements are sufficient. Please contact the CMC Customer Support Team for more information.



Designed to assure rapid emergency egress and a safe, controllable descent. The LEVR's ergonomic, low-profile shape is optimized for use with a gloved hand and features an integrated non-slip handle surface.



- The LEVR Escape System is built around the LEVR descender, a next-generation device that uses a lever-shaped handle for improved descent control, fast and easy horizontal pay-out, reliable edge transition, and intuitive operation.
- It has been engineered to reduce impact force on escape anchors if shock loaded during the bailout.

IMPROVED

Flash.2™ Escape Anchor



UL CLASSIFIED TO NFPA 1983 - ESCAPE

PATENTED

The Flash.2 Escape Anchor is one of the lightest anchors certified to NFPA escape use.

Flash.2 Escape Anchor Features

- Improved strength meets NFPA requirements even when anchor is loaded in-line with the tip.
- The distinct shape allows a firm, full-hand grip for rapid deployment and placement.
- When loaded, the spine is directed toward flat surfaces for sturdy attachment on structural lumber and window ledges.
- The slotted handle allows for swift girth hitching around anchor points.
- The tip's optimized point shape improves embedding.
- The captive eye provides greater versatility, and the 12.5 mm attachment hole accepts most escape cord or web.
- Machined from solid, high strength aluminum.



Item #	Color	Dimensions	3 Sigma MBS	Weight
300983	Red	18 x 12 x 1.3 cm (7 x 4.75 x 0.5 in)	13.5 kN (3,034 lbf)	222 g (7.8 oz)

RIT Kit



The reflective cord can be attached at the point of entrance to help firefighters retrace steps or be located by a Rapid Intervention Team in low visibility conditions.



RIT Kit Features

- A carabiner at each end allows partners to connect lines for extended distance.
- Includes reflective RIT line and red ProTech™ Auto-Lock Carabiners with keeper pins.

Bag: Black Nomex

Item #	Line Length	Weight
500345	15 m (50 ft)	765 g (1.7 lb)
500347	45 m (150 ft)	1.6 kg (3.5 lb)

Survivor™ 8 Escape System



A lower-cost escape system that makes no compromises on performance.



Survivor 8 System Includes

- CMC Survivor 8 Descender
- 15 m (50 ft) of Escape Line
- One ProTech™ Auto-Lock Carabiner
- One ProTech™ Auto-Lock Carabiner with a keeper pin
- Tough Cordura® nylon escape bag

Item #	Line Length	Weight
500400	50 ft	1.3 kg (2.9 lb)

Escape Belt

USA MADE **UL CLASSIFIED TO NFPA 1983 ESCAPE BELT**



A multi-purpose belt for carrying tools that doubles as an NFPA-certified escape belt.

Escape Belt Features

- ProSeries® Fire Escape Belt is made from 2-inch Kevlar® fiber web for high heat and flame resistance.
- Rescue Escape Belt is made from 1.75-inch mil-spec nylon web.
- Snap and V-ring closure for easy use with gloved hands.
- D-ring attachment point stays out of way when not in use.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

ProSeries Fire Escape Belt

Material: Kevlar | **Color:** Natural | **Weight:** 499 g (1.1 lb)

Item #	Size	Waist*
203302	Small/Medium	66–86 cm (26–34 in)
203304	Large/X-Large	86–107 cm (34–42 in)
203306	XX-Large	107–127 cm (42–50 in)

Rescue Escape Belt

Material: Nylon | **Color:** Black | **Weight:** 454 g (1 lb)

Item #	Size	Waist*
203202	Small/Medium	66–86 cm (26–34 in)
203204	Large/X-Large	86–107 cm (34–42 in)
203206	XX-Large	107–127 cm (42–50 in)

*NOTE: Measure waist with turnouts on.

Fire Escape Harness™

USA MADE **UL CLASSIFIED TO NFPA 1983 CLASS II LIFE SAFETY HARNESS/FR**

Worn over bunker pants during fire ground operations.



Features:

- Made from Kevlar® fiber web for heat and flame resistance.
- Can be left on turnout pants and donned simultaneously.
- Front attachment loop stays out of way when not in use.
- Easily adjustable for wide range of fit.
- Web Keepers™ secure loose web ends.
- Contrasting color thread to aid in wear inspection.
- Corrosion-resistant hardware.

Color: Natural

Item #	Waist*	Material	Weight
203504	66–142 cm (26–56 in)	Kevlar	850 g (1.9 lb)

*NOTE: Measure waist with turnouts on.

MORE AT CMCPRO.COM

Escape Artist™ System

A proven escape system that has been in use by fire departments across the country for more than a decade.

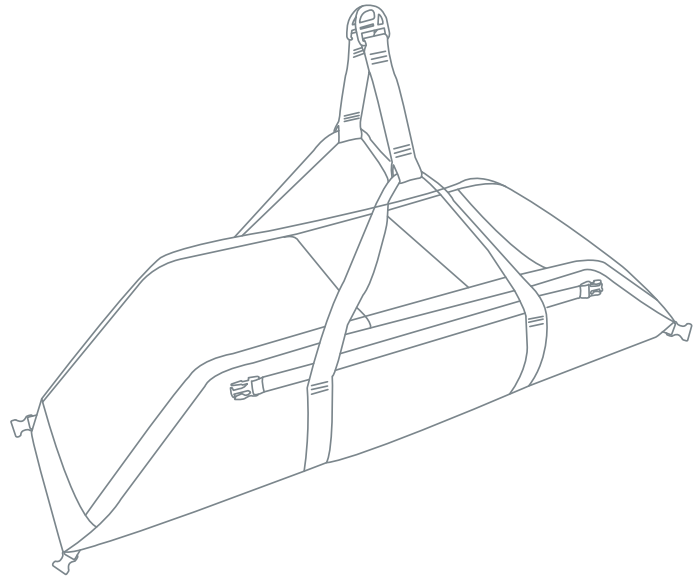
Item #500300

Fire Escape Tether

Quickly connects the Escape Artist System to a harness or escape belt.

Item #203500





HELICOPTER OPERATIONS

On missions where traversing on foot with a patient is too logistically complex, hazardous, or time sensitive, air support is often called to perform the evacuation. The patient is either suspended beneath or loaded into the helicopter and transported to definitive care. For helicopters providing air support, space and weight restrictions often mean that each piece of equipment must serve a critical purpose in the rescue operation.

CMC innovates helitack products with an emphasis on strength, durability, and intuitive functionality, while maintaining the comfort and safety of the patient. Our equipment allows rescuers to provide the highest level of patient care and transport from ground to air with built-in features for rapid extraction including integrated restraint and transport systems, patient access ports, quick release buckles, and ventilation panels. Through user testing and feedback, we continually refine our helitack gear to support rescuers in their ability to provide safe and efficient airborne rescues.

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

Helitack Airbag™



UL CLASSIFIED TO NFPA 1983 - LITTER

Designed for rapid extraction by means of single point suspension from a helicopter by short haul or hoist evacuation.

Helitack Airbag Features

- Can be used with or without backboard, rigid litter, or vacuum body splint.
- Bi-lateral patient access ports for quick patient access during operation.
- The adjustable hood helps to protect the patient's face.
- Two steel D-ring attachment points.
- Two Internal straps with aluminum quick-release buckles.
- Three color-coded patient packaging straps with quick-connect buckles.
- Ten high-visibility handles for carrying and positioning.
- Full-length safety-glow accent strips for enhanced night visibility.
- Eight adjustable bridle straps.
- Two side stowage pockets for bridle.
- Compact design stores in a 53 x 28 cm (21 x 11 in) space.
- Includes quick-detachable storage bag.
- Made of heavy-duty 1,000-denier Cordura® nylon.



Item #	Dimensions	Color	Weight
724247	53 x 28 cm (21 x 11 in) Stored in Bag / 234 x 76 cm (92 x 30 in) Opened Flat	Red/Gray/Black	6.5 kg (14.5 lb)

SEE MORE

Air Operations Rescue Kit

Contains the basic equipment needed by two rescue personnel in a hoist-equipped helicopter.

See Page 133.

Helitack Hotseat™



UL CLASSIFIED TO NFPA 1983
CLASS III EXTRICATION DEVICE

A quick-donning device designed for rapid transport of a subject by helicopter short-haul or hoist.

Helitack Hotseat Features

- Adjustable crotch strap allows variable positioning of subject.
- Hoist straps have rigid connection points for optimal grip and handling.
- High-visibility handles aid in positioning and loading.
- Safety-glow accents enhance night visibility.
- Compact design stores in 48 x 24 cm (19 x 9.5 in) space.
- Includes quickly detachable storage bag that can also store a victim helmet.
- Made of heavy-duty 1,000-denier Cordura® nylon.

An integrated restraint system for juvenile patients has aluminum quick-release buckles to expedite packaging.



Item #	Dimensions	Color	Load Capacity	Weight
724468	48 x 24 cm (19 x 9.5 in) Packed	Red/Gray/Black	227 kg (550 lb)	2.21 kg (4.9 lb)

IMPROVED

Helitack Stork™



This lightweight pediatric rescue carrier can be collapsed for easy stowage on an airship.

Helitack Stork Features

- Bottom and sides are lined with 25 mm (1 in) closed-cell foam for structural rigidity and buoyancy.
- Ventilation panels at top can be adjusted for environmental conditions.
- Clear view top panel allows constant visual contact with patient.
- Carrier ends expand to accommodate most pediatric back boards.
- Safety-Glo strips for enhanced visibility.
- Hoist straps feature rigid web handles with steel D-ring attachment points.
- Folds to 11.4 x 40.6. x 78.7 cm (4.5 x 16 x 31 in).
- Made of heavy-duty 1,000-denier Cordura® nylon and RhinoTek®



Item #	Dimensions	Color	Load Capacity	Weight
724309	79 x 41 x 30 cm (31 x 16 x 12 in)	Red/Gray/Black	90 kg (200 lb)	3.8 kg (8.4 lb)

Helitack Harness™



UL CLASSIFIED TO NFPA 1983 | CLASS III LIFE SAFETY HARNESS

Helitack Harness Features

Integrated mesh vest has excellent breathability and keeps shoulder straps in place.

- Removable pockets for HEED bottle, radio, and other items.
- Sewn waist loop attachment point accommodates multiple carabiners and large hoist hooks.
- Sewn web loops at shoulders for accessory attachment.
- Sternal and dorsal attachment points allow flexibility in hoisting operations.
- Rear waist D-ring for travel restraint attachment.
- Orange mesh vest and reflective strips increase visibility.
- Two 10mm Delta Quick Links included.
- Pass-through quick-connect steel buckles on leg loops.
- Gear loops.
- Web Keepers™ secure loose web ends.
- Contrasting color thread to aid in wear inspection.

Corrosion-resistant hardware.

Designed with extensive input from air crews, the Helitack Harness provides a high level of comfort, safety, and versatility.



Color: Black/Orange | Weight: 3.6 kg (7.9 lb)

Item #	Size	Waist
202922	Small	66–86 cm (26–34 in)
202924	Medium	76–112 cm (30–44 in)
202925	Large	107–122 cm (42–48 in)

Derby Helo Strap™



This extrication device allows rescuers to rapidly secure and evacuate the subject using two cinch straps with handles. It attaches to a helicopter hoist hook or rescuer harness for short-hauls or hoists.

Derby Helo Strap Features

- Allows rescuer to maintain position behind the subject, securing them around the chest for quick evacuation.
- Two cinch straps with handles adjust quickly to secure the subject.
- Compatible with Helitack Harness.
- Large snap hook and D-ring for fast, secure attachment in adverse conditions.
- A compact system easily stored on aircraft.
- Suited for water and cliff rescues.
- Made of 45 cm (1.75 in) high-strength web.

Item #	Load Capacity	Weight
201942	227 kg (500 lb)	1.68 kg (3.7 lb)

Emergency Release Device



Gives an operator the ability to jettison an external load in the event of an in-flight emergency.



Emergency Release Device Features

- Requires two distinct actions to activate.
- Neoprene cover with hook-and-loop closure provides additional security and environmental protection.
- Designed to meet operational jettisonable-under-load requirements, such as those specified in Title 14 Code of Federal Regulations.

Item #	Weight
201984	510 g (1.1 lb)

Helo Tagline Set



An essential for controlling oscillation and other litter movement during hoist operations.



HELO Tagline Set Features

- Includes 30.5 m (100 ft) of 8 mm (.31 in) cord in a bag designed to be secured to litter rail.
- A “weak link” with expected breaking strength of 68 to 79 kg (150 to 175 lb) is included.
- The included Quick Link accommodates connection between cord and the weak link

Item #	Option	Length
724140	Helo Tagline Set	30.5 m (100 ft)
724100	Weak Links (10 pack)	

ATR Strap



Allows aircrews to operate in medium to large size aircraft while maintaining travel restraint.



ATR Strap Features

- Adjustable strap with auto-locking carabiner that can be operated with one hand on each end.
- Also useful for external load transition from hoist hook into aft cabin.

Item #	Length	Weight
201983	234 cm (92 in)	680 g (1.5 lb)

Short-Haul Line



Made with synthetic fibers that deliver an outstanding strength-to-weight ratio.



Short-Haul Line Features

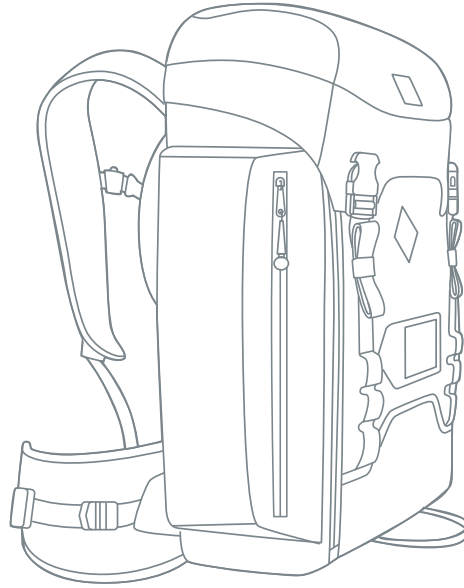
- Line is non-conductive.
- Can be stored in rope bag without kinking or damage.
- Extremely low stretch at less than 5% at 272 kg (600 lb)
- High-visibility sheath.
- Comes with 38 mm (1.5 in) diameter stainless steel thimble spliced at each end.
- Compliant with Department of Interior Standard 351 DM 1.
- Custom lengths available by special order.

Diameter: 11 mm (7/16 in)

Color/Stripe: Orange/White/Black | **MBS:** 52 kN (11,690 lbf)

Item #	Length	Weight
724165	15.2 m (50 ft)	1.6 kg (3.5 lb)
724163	22.9 m (75 ft)	2.4 kg (5.3 lb)
724160	30.5 m (100 ft)	3.2 kg (7 lb)





BAGS AND PACKS

Designed to maximize organization, durability, and comfort while handling, CMC's bags and packs work hard for the user. Purpose built to stow and transport rescue and rope access equipment, every dimension, pocket location, handle, and strap is thoughtfully integrated to enhance performance and efficiency during missions.

Fully-featured bags like the RigTech™ Pack and Whitney 2.0™ offer durable and water-resistant materials, enhanced internal structure, easy-access internal and external pockets, accessory loops, and contoured shoulder, waist and sternum straps for comfortable and convenient hauling of entire rigging systems or personal gear essentials.

Built to last, we've ensured our bags and packs look great too. We know that once you own one, it's going to be with you for a very long time.

EDUCATION

HARNESSES
AND BELTS

HARDWARE

ROPE
AND WEB

ANCHOR
DEVICES

FIRE ESCAPE

HELICOPTER
OPERATIONS

**BAGS AND
PACKS**

SYSTEMS
AND KITS

PATIENT
TRANSPORT

PERSONAL
GEAR

RigTech Pack™

Stay Light and Ultra-Organized

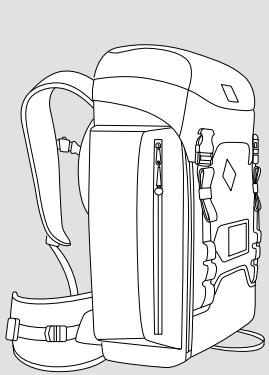
This innovative pack was designed for teams that need to transport a specialized rigging solution. It delivers an uncompromising level of organization for backcountry rescue teams, urban teams, and rope access technicians.

Overall Dimensions: 22 L x 18 W x 8 D in

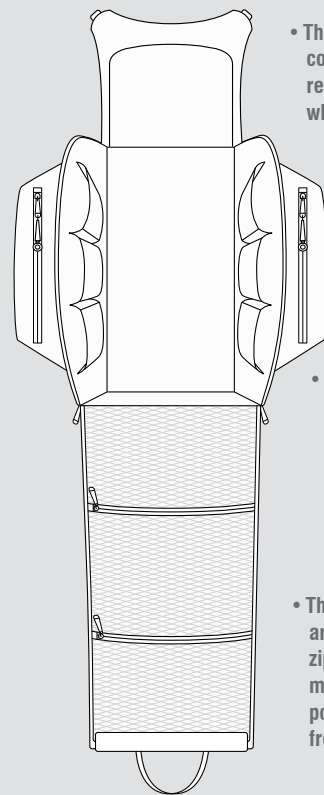
Volume: 42 L (2,550 ci)

Weight: 2.8 kg (6.25 lb)

Item #	Color
441103	Red
441102	Blue



• A quick-pull handle opens the full-width main compartment



• The main compartment remains rigid when open

• Six internal pockets have hook-and-loop keeper straps

• There are three zippered mesh pockets in front flap

RigTech Pack Features

- Contoured shoulder straps, wide padded waist belt, adjustable sternal strap, top and bottom handles.
- Two large, padded external side pockets.
- Internal full-width sleeve designed for storing edge protection.
- Water resistant rip-stop nylon ground cloth is easily deployed from top pocket, includes quick-connect buckles and sewn corner carry handles.
- Made of heavy-duty, water-resistant 1,000-denier nylon.
- Designed by CMC and manufactured in Vietnam.

IMPROVED Whitney 2.0™ Pack

The substantially improved Whitney 2.0 Pack is perfect for SAR operations. It can organize and carry all the gear and provisions needed to support multiple days in the field.

Volume: 46 L (2,800 ci)

Weight: 2.1 kg (4.6 lb)

Item #	Color
440648	OD Green



Redesigned water-resistant compartment has multiple mesh zippered pockets

Shove-It-Pocket offers easy and secure access to often needed items

The dividable main compartment fits larger items like ropes, and can be accessed from the top or bottom

Durable, water-resistant 1,000-denier Tarpaulin on pack bottom and side pockets reduces wear and abrasion

Whitney 2.0 Pack Features

- Specially designed pockets fit a hydration reservoir (sold separately), gloves, helmet, water bottles, and web gear.
- A separate fleece-lined compartment holds sunglasses or goggles.
- Ground cloth and rain cover included in purpose-built, sub-divided storage pocket.
- Integrated gear loops and MOLLE attachment points on sides and back.
- Top carry handle and pass-through sleeve for optional hydration reservoir.
- Made of water and abrasion resistant 1000-denier nylon and 1,000-denier Tarpaulin.
- Designed by CMC and manufactured in Vietnam.

Suspension system has adjustable shoulder and waist straps, and a padded back with aluminum stays



Sub-divided bottom pocket houses a detachable rain cover and a ground cloth with corner carry handles



MOLLE attachment points on sides & back

Label holder for personal information

46 L capacity to support multi-day field missions

IMPROVED Palisade 2.0™ Pack

“Shove-It” pocket is secured by side-release buckles with adjustable straps, allowing compression of pack without restricting access to main compartment



Bottom of pack is 1,000-denier Tarpaulin for durability and protection.

The updated Palisade 2.0 Pack has improved capacity, pockets, fabric, and suspension. Designed as a day-pack for 24-hour rescues and SAR training missions, its versatility also makes it a great choice for daily commutes and international travel.

Palisade 2.0 Pack Features

- Constructed with 1,000-denier nylon and 1,000-denier Tarpaulin.
- External water reservoir storage is behind the back pad.
- Stowable waist belt tucks away behind the back pad.
- Pocket at back of main compartment for laptop, or more water.
- Fleece-lined pocket on top for glasses, goggles, or cell phone.
- Outer zippered compartment for quick access to small personal items.
- Exterior MOLLE hook and loop system.
- Five mesh zippered pockets for organization and burly top handle for carrying/hauling.
- Designed by CMC and manufactured in Vietnam.

Improved suspension system offers maximum comfort under heavy loads.



“Personal compartment” has been redesigned and includes a padded pocket for valuables



Volume: 30 L (1,831 ci)

Weight: 1.66 kg (3.67 lb)

Item #	Color
440638	OD Green

Rope Bags



CMC Rope Bags have been continually refined over the years to offer innovative features that enhance their performance, durability, and ease of use.



Rope Bag Features

- Contoured backpack-style shoulder straps for greater comfort when carrying heavy loads.
- Bag tops incorporate rip-stop nylon for easy closure.
- Bottom of bag features a reach-in pouch for easy access to rope from either end.
- Grab handles inside the top can be used to hold the bag open for quicker stuffing.
- Sturdy side carry handle for easy loading and unloading.
- Exterior gear loop attachments.
- Clear-view sleeve for rope I.D. and/or log information.
- Sewn web loops are attached at the base of the bag so that rope can be tied off either internally or externally.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon.

Item #	Model	Color	Volume	Capacity 12.5 mm (1/2 in) rope	Capacity 11 mm (7/16 in) rope	Dimensions (L x D)	Weight
430101	#1	Orange	11 L (700 ci)	30 m (100 ft)	38 m (125 ft)	41 x 20 cm (16 x 8 in)	226 g (.5 lb)
430102	#1	Blue	11 L (700 ci)	30 m (100 ft)	38 m (125 ft)	41 x 20 cm (16 x 8 in)	226 g (.5 lb)
430103	#1	Red	11 L (700 ci)	30 m (100 ft)	38 m (125 ft)	41 x 20 cm (16 x 8 in)	226 g (.5 lb)
430105	#1	Black	11 L (700 ci)	30 m (100 ft)	38 m (125 ft)	41 x 20 cm (16 x 8 in)	226 g (.5 lb)
430107	#1	Yellow	11 L (700 ci)	30 m (100 ft)	38 m (125 ft)	41 x 20 cm (16 x 8 in)	226 g (.5 lb)
430201	#2	Orange	29 L (1,750 ci)	61 m (200 ft)	76 m (250 ft)	76 x 23 cm (30 x 9 in)	520 g (1.1 lb)
430202	#2	Blue	29 L (1,750 ci)	61 m (200 ft)	76 m (250 ft)	76 x 23 cm (30 x 9 in)	520 g (1.1 lb)
430203	#2	Red	29 L (1,750 ci)	61 m (200 ft)	76 m (250 ft)	76 x 23 cm (30 x 9 in)	520 g (1.1 lb)
430205	#2	Black	29 L (1,750 ci)	61 m (200 ft)	76 m (250 ft)	76 x 23 cm (30 x 9 in)	520 g (1.1 lb)
430207	#2	Yellow	29 L (1,750 ci)	61 m (200 ft)	76 m (250 ft)	76 x 23 cm (30 x 9 in)	520 g (1.1 lb)
430301	#3	Orange	35 L (2,150 ci)	91 m (300 ft)	114 m (375 ft)	81 x 25 cm (32 x 10 in)	566 g (1.25 lb)
430302	#3	Blue	35 L (2,150 ci)	91 m (300 ft)	114 m (375 ft)	81 x 25 cm (32 x 10 in)	566 g (1.25 lb)
430303	#3	Red	35 L (2,150 ci)	91 m (300 ft)	114 m (375 ft)	81 x 25 cm (32 x 10 in)	566 g (1.25 lb)
430305	#3	Black	35 L (2,150 ci)	91 m (300 ft)	114 m (375 ft)	81 x 25 cm (32 x 10 in)	566 g (1.25 lb)
430307	#3	Yellow	35 L (2,150 ci)	91 m (300 ft)	114 m (375 ft)	81 x 25 cm (32 x 10 in)	566 g (1.25 lb)
430401	#4	Orange	43 L (2,600 ci)	122 m (400 ft)	152 m (500 ft)	81 x 30 cm (32 x 12 in)	623g (1.31 lb)
430402	#4	Blue	43 L (2,600 ci)	122 m (400 ft)	152 m (500 ft)	81 x 30 cm (32 x 12 in)	623g (1.31 lb)
430403	#4	Red	43 L (2,600 ci)	122 m (400 ft)	152 m (500 ft)	81 x 30 cm (32 x 12 in)	623g (1.31 lb)
430601	#6	Orange	122 L (7,450 ci)	198 m (650 ft)	244m (800 ft)	91 x 36 cm (36 x 14 in)	737g (1.6 lb)
430603	#6	Red	122 L (7,450 ci)	198 m (650 ft)	244m (800 ft)	91 x 36 cm (36 x 14 in)	737g (1.6 lb)

Rope & Equipment Bags™



Generously sized accessory pouches are added to CMC Rope Bags. It's the best way we've found to keep a rope rescue or rope access kit together and ready to go.

Rope & Equipment Bags Features

- Accessory pouches have zippered closures for quick access and to keep small items secure.
- Removable internal Multi-Loop Strap for attaching connectors.
- Contoured backpack-style shoulder straps for greater comfort.
- Bag tops incorporate rip-stop nylon for easy closure.
- Reach-in pouch on bottom for access to rope from either end.
- Grab handles inside the top can be used to hold the bag open.



- Sturdy side carry handle for easy loading and unloading.
- Exterior gear loop attachments.
- Clear-view sleeve for rope I.D. and/or log information.
- Sewn web loops are attached at the base of the bag so that rope can be tied off either internally or externally.
- Made of heavy-duty, 1,000-denier Cordura® nylon.

Item #	Model	Color	Volume	Capacity 12.5mm (1/2 in) rope	Capacity 11mm (7/16 in) rope	Dimensions (L x D)	Weight
431201	Medium	Orange	39 L (2,400 ci)	161m (200 ft)	76 m (250 ft)	41 x 20 cm (16 x 8 in)	680 g (1.3 lb)
431203	Medium	Red	39 L (2,400 ci)	161m (200 ft)	76 m (250 ft)	41 x 20 cm (16 x 8 in)	680 g (1.3 lb)
431205	Medium	Black	39 L (2,400 ci)	161m (200 ft)	76 m (250 ft)	41 x 20 cm (16 x 8 in)	680 g (1.3 lb)
431101	Large	Orange	48 L (2,900 ci)	91 m (300 ft)	114 m (375 ft)	76 x 23 cm (30 x 9 in)	700 g (1.38 lb)
431103	Large	Red	48 L (2,900 ci)	91 m (300 ft)	114 m (375 ft)	76 x 23 cm (30 x 9 in)	700 g (1.38 lb)
431105	Large	Black	48 L (2,900 ci)	91 m (300 ft)	114 m (375 ft)	76 x 23 cm (30 x 9 in)	700 g (1.38 lb)
431151	X-Large	Orange	67 L (4,100 ci)	91 m (300 ft)	114 m (375 ft)	81 x 25 cm (32 x 10 in)	900 g (2 lb)
431153	X-Large	Red	67 L (4,100 ci)	91 m (300 ft)	114 m (375 ft)	81 x 25 cm (32 x 10 in)	900 g (2 lb)
431155	X-Large	Black	67 L (4,100 ci)	91 m (300 ft)	114 m (375 ft)	81 x 25 cm (32 x 10 in)	900 g (2 lb)

Heavy Rescue Organizer™



A saddle with zippered pockets that can be attached to a CMC Rope Bag to efficiently organize rope rescue or rope access equipment.

Heavy Rescue Organizer Features

- Can be strapped to a Rope Bag and quickly removed when it is time to deploy rope.
- Three large compartments for storing hardware.
- Two integrated web loops for storing carabiners.
- Large clear rope log pocket on top of organizer can also be used to store small items.
- Designed for use with #2 or #3 CMC Rope Bag (sold separately).
- Made from heavy-duty, water-resistant Cordura® nylon.



Volume: 13 L (800 ci) | **Weight:** 879 g (1.9 lb)

Item #	Color
770401	Orange
770403	Red
770405	Black

RAT Pack™



The RAT (Rope Access Technician) Pack was designed to carry a rope access technician's gear while providing optimum performance in harsh environments.

RAT Pack Features

- Two different entry points into main compartment.
- Rear-panel loading for easy access to stowed items.
- Zippered external accessory pouch.
- Internal and external accessory loops for attaching gear.
- Padded shoulder straps and support padding on back.
- Hold-open handles on side for easier stuffing
- Made of heavy-duty, water-resistant material



Item #	Color	Volume	Dimensions	Weight
440554	Grey/Black	52 L (3,200 ci)	58 x 38 x 20 cm (23 x 15 x 8 in)	1.2 kg (2.5 lb)

Shasta Gear Bag™



Shasta Gear Bag Features

- Top opens fully for access to all parts of the bag.
- Handles on side and both ends.
- Compression straps make bag easier to handle.
- Zippered side pocket for small items.
- Foam insert in bottom preserves shape and protects contents.
- Stores flat when empty.
- Red bag is available with optional hideaway shoulder straps.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon.

This large bag with molded quick-grip handles is an ideal choice for carrying the gear needed by firefighters, police officers, or rescue personnel.



Item #	Color	Volume	Dimensions	Weight
440401	Orange	87 L (5,300 ci)	36 x 36 x 66 cm (14 x 14 x 26 in)	992 g (2.2 lb)
440403	Red	87 L (5,300 ci)	36 x 36 x 66 cm (14 x 14 x 26 in)	992 g (2.2 lb)
440405	Black	87 L (5,300 ci)	36 x 36 x 66 cm (14 x 14 x 26 in)	992 g (2.2 lb)
440423	Red with Hideaway Shoulder Straps	87 L (5,300 ci)	36 x 36 x 66 cm (14 x 14 x 26 in)	1.2 kg (2.5 lb)

Quick Response Bag



Created with input from rescue and rope access professionals, this bag is designed to hold a harness, helmet, gloves, goggles, radio, and hardware.

Quick Response Bag Features

- Seven pockets organize and protect gear.
- Large center pocket is 33 x 20 x 30 cm (13 x 8 x 12 in).
- Clipboard-size side pocket has organizer for paper, pens, phone, and other small items.
- Also serves as an excellent travel bag.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon.



Item #	Color	Volume	Dimensions	Weight
440902	Navy	56 L (3,400 ci)	58 x 30 x 30 cm (23 x 12 x 12 in)	992 g (2.1 lb)
440903	Red	56 L (3,400 ci)	58 x 30 x 30 cm (23 x 12 x 12 in)	992 g (2.1 lb)

Personal Gear Bag



Personal Gear Bag Features

- Full length external side pocket and two interior zippered pockets (one is fleece lined).
- Main compartment has wrap-around zippered opening.
- Pull-out, hideaway shoulder straps.
- Two external MOLLE strips for carrying carabiners or lashing.
- Also a great for use as a travel or workout bag.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon and Top Gun™ fabric.



This full-featured bag is an excellent choice to hold a harness, helmet, gloves, goggles, AZTEK System, hardware, and much more.

Item #	Color	Volume	Dimensions	Weight
441003	Red	33.5 L (2,050 ci)	23 x 33 x 20 cm (21 x 13 x 8 in)	998 g (2.1 lb)
441005	Black	33.5 L (2,050 ci)	23 x 33 x 20 cm (21 x 13 x 8 in)	998 g (2.1 lb)



MORE AT CMCPRO.COM

Lassen Duffel Bags™

A lightweight equipment storage bag, or for carrying items back and forth to the station, as a workout bag, or a travel carry-on. Available in 3 sizes. **Item #440222**

Truck Cache™



Designed to store, carry, and protect the rigging hardware needed to set up a main line and belay line system.

Truck Cache Features

- Carries like a briefcase with molded split-apart handles.
- Hideaway shoulder straps for backpack-style carrying on longer hauls/
- Bag unzips fully to lay flat on ground or be suspended from a vehicle with integrated gutter hooks.
- Interior pockets and hook-and-loop straps are designed to hold and protect a complete CLUTCH System, MPD System. or a traditional RPM (rack, pulley, mariner's hitch) system.
- Fits easily in truck compartment or behind seat.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon with padded sides.

Dimensions: 64 x 58 x 10 cm (25 x 23 x 4 in)

Item #	Volume	Weight
440541	44 L (2,700 ci)	1.6 kg (3.5 lb)

SEE MORE

Truck Cache Kit

Contains all the hardware needed to set up a main line and belay system. **See Page 117.**

IMPROVED

AZTEK ProSeries® Pack



This innovative pack carries the AZTEK System (sold separately, see page 116). The AZTEK System is collapsed and stored in the pack's two main compartments.

AZTEK ProSeries Pack Features

- Constructed with heavy-duty, water-resistant 1,000-denier nylon and 1,000-denier Tarpaulin on the back panel.
- Double-zippered top compartments allow quick and easy access to either side.
- One side is designed to store the AZTEK Omni Set-of-Fours, the other side is made for the personal travel restrict end.
- Integrated harness attachment strap allow pack to be worn around the waist or thigh.
- Upgraded external reflective piping is more durable and provides increased visibility.
- Mesh-panel bottom allows wet components to dry faster.
- Outside zippered pocket for carrying small items.
- Exterior gear loops hold up to four rescue-size carabiners.
- Tension-lock buckles allow for secure fit and pack rotation around the hips for quick access.
- Unique Garage Pocket™ on each side conceals cord that bridges the two compartments and protects it from UV exposure and snags.

Item #	Color	Weight
434318	OD Green	425 g (.94 lb)

SEE MORE

AZTEK ProSeries® System

More than 100 rigging solutions packed into a single bag. **See Page 114.**

Stuff Bags



Stuff Bag Features

- Different colors allow coding of bags for quick retrieval.
- Large bag is perfect for holding a harness, gloves, descender, and a few carabiners.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon.



These multi-purpose storage bags are great for carrying and organizing equipment.

Item #	Model	Color	Volume	Dimensions	Weight
432301	Small	Orange	3 L (200 ci)	23 x 13 (9 x 5 in)	68 g (.15 lb)
432303	Small	Red	3 L (200 ci)	23 x 13 (9 x 5 in)	68 g (.15 lb)
432307	Small	Yellow	3 L (200 ci)	23 x 13 (9 x 5 in)	68 g (.15 lb)
432101	Large	Orange	7 L (400 ci)	30 x 18 (12 x 7 in)	99 g (.22 lb)
432103	Large	Red	7 L (400 ci)	30 x 18 (12 x 7 in)	99 g (.22 lb)
432107	Large	Yellow	7 L (400 ci)	30 x 18 (12 x 7 in)	99 g (.22 lb)

Pro Pocket™



A useful bag is designed to carry accessory equipment (runners, Prusiks, gloves, etc.) while attached to a harness.



Pro Pocket Features

- Main compartment is large enough to put a hand inside.
- Exterior front and side pockets.
- Exterior gear loops provide attachment points.
- A wide mounting strip wraps around a harness, and an integrated belt tunnel offers another mounting option.
- Exterior reflective strip increases visibility.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon.

Volume: 3 L (200 ci)

Dimensions: 28 x 15 x 10 cm (11 x 6 x 4 in)

Item #	Color	Weight
434103	Red	181 g (.4 lb)
434102	Blue	181 g (.4 lb)
434105	Black	181 g (.4 lb)

Litter Pack



A convenient pack designed to hold a litter harness, tender straps, web, protective eyewear, and anything else needed to go with a litter.



Litter Pack Features

- Hook-and-loop straps for attachment directly to litter rail.
- Integrated handle and carabiner loops.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon.

Volume: 18 L (1,100 ci)

Dimensions: 51 x 18 cm (20 x 7 in)

Item #	Color	Weight
432401	Orange	354 g (12.5 oz)

Water Rescue Gear Bag



Specifically designed for wet conditions, this bag allows quick access to SRT gear.



Water Rescue Gear Bag Features

- Quick drain, breathable mesh sides.
- Durable, reinforced vinyl bottom.
- Cordura® nylon lid has one large pocket for holding fins, and a one smaller pocket for accessories.
- Can be carried from the top or side.

Volume: 92 L (5,600 ci)

Dimensions: 56 x 43 x 28 cm (22 x 17 x 11 in)

Item #	Color	Weight
440752	Yellow/Blue	1.1 kg (2.3 lb)

Mesh Duffel Bag



With hi-viz yellow mesh for superior drainage and airflow, this bag is built to stand up to harsh conditions.



Mesh Duffel Bag Features

- Easy access from the top with full-length double zippers.
- Zippered compartment at one end for smaller items.
- Handle support straps wrap around the entire bag for added strength and support of heavy loads.
- Bag ends made of heavy-duty, water-resistant 1,000-denier Cordura® nylon.

Volume: 37 L (2,250 ci)

Dimensions: 51 x 30 x 20 cm (20 x 12 in)

Item #	Color	Weight
440742	Yellow/Blue	403 g (.89 lb)

SCBA Mask Protector



A durable bag designed to protect an SCBA facemask.

Features:

- Hook-and-loop closure keeps the bag sealed, but allows quick access.
- Web handles double as pull tabs for easy opening, and can be used to hang the bag.
- Made of heavy-duty, water-resistant 1,000-denier Cordura® nylon.

Dimensions: 43 x 33 cm (17 x 13 in)

Item #	Color	Weight
770703	Red, Basic	136 g (.3 lb)
770713	Red, Fleece Lined	136 g (.3 lb)



TEAM



ROPE RESCUE

- Rope Rescue Team Kit – Complete
p. 118
- Rope Rescue Team Kit – Rigging
p. 120
- USAR Task Force Kit
p. 130
- Aztek ProSeries® System
p. 114
- Aztek ProSeries® LT System
p. 115
- Litter Harness Kit
p. 129
- CSR2 Pulley System™
p. 116
- Rope Rescue Truck Cache™ Kit
p. 117
- Rope Rescue System Kit
p. 132
- Main Line Kit
p. 132



CONFINED SPACE ENTRY & RESCUE

- Confined Space Rescue Team Kit
p. 122
- Confined Space Rescue Team Kit
p. 122
- 2-Person Confined Space Rescue Entrant Kit
p. 126
- Confined Space Belay/Retrieval Kit
p. 127
- CSR² Pulley
p. 116
- Savox Con-Space Usar Task Force Kit
p. 142
- Savox Con-Space Rescue Kit 1P
p. 143
- Panduit Lockout/Tagout Kit
p. 141



WATER RESCUE

- River Rescue Z-Rig Kit
p. 137
- Redi-Line™ Throwline Bag Set
p. 137
- NFPA Throwline Bag Set
p. 137
- Throwline Bags
p. 135
- EZ-Stuff™ Throwline Bag Set
p. 135
- SRT Throwline Bag Set
p. 135
- ResQmax™ Swiftwater Rescue Kit
p. 138
- ResQmax™ Line Deployment Kit
p. 138
- ResQmax™ Complete Kit
p. 139

PERSONAL

- Rescuer Personal Kit With ATOM™ Rescue Harness
p. 128
- Victim Pick-Off Kit
p. 128

- Confined Space Entrant Personal Kit
p. 125
- Additional Entrant Retrieval Line Kit
p. 127

- Water Rescue Kit – Rescue Swimmer
p. 136
- Water Rescue Kit – Shore Based
p. 136



AIR & TACTICAL OPERATIONS

Air Operations Rescue Kit
p. 133

Tactical Team Rappel Kit
p. 134

See pages 92-97 for additional Air Operations products

Tactical Personal Rappel Kit
page 136

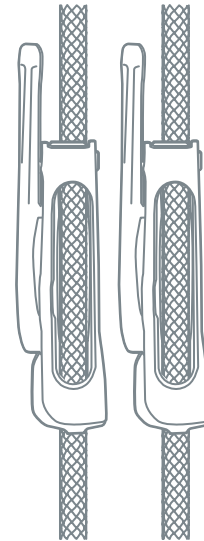


CONFINED SPACE VENTILATION

Ramfan Blower/Exhauster
p. 140

Ramfan Intrinsically Safe Blower/Exhauster
p. 140

Ramfan Ub20 Manhole Entry System
p. 141



SYSTEMS AND KITS

Ensure your team's response preparedness with CMC's systems and kits. Offering complete solutions for rescue operations, each kit contains the essential components for a variety of rigging configurations, as well as storage bags for organization, easy access and transport.

Pre-packed systems result in faster response times and hours saved in deployment and breakdown. With every piece of equipment efficiently stowed in color-coded, labeled bags, teams are free to grab and go.

Eliminate guesswork by selecting the appropriate system or kit from the CMC usage chart or refer to our lists as a guide for your own gear cache.

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

NEW

Double CLUTCH TTRS Kit



The Double CLUTCH TTRS (Twin Tension Rope System) Kit delivers best practice twin tension hauling/lowering for any rescue or rope access operation. Built around the CMC CLUTCH™ by Harken Industrial™, the kit includes two color-coded RigTech Packs™ carrying independent hauling/lowering systems designed to work together in mirrored or nested configurations. These components can be used to build mechanical advantage systems on both 200ft 11mm CMC G11™ Lifelines simultaneously. The kit contains everything needed to quickly and efficiently deploy a best practice Twin Tension Rope System.



RigTech Pack™
p.100



RigTech Pack™
p.100



x2
CMC CLUTCH™
By Harken
Industrial™
p.32



x2
DNA Carabiner
p.39



x6
ProSeries
Screw-Lock
p.36



200'
CMC G11™
Lifeline 11mm
p.58



200'
CMC G11™
Lifeline 11mm
p.58



1x20'
1 in Web
(20 ft) p.67



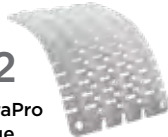
1x20'
1 in Web
(20 ft) p.67



x2
Anchor Plate
p.51



x2
Edge Pad - XL
p.68



x2
UltraPro
Edge
Protector
p.68



x4
PMP Swivel
Pulley p.43



x4
Sewn Prusik Loop - 18" p.63



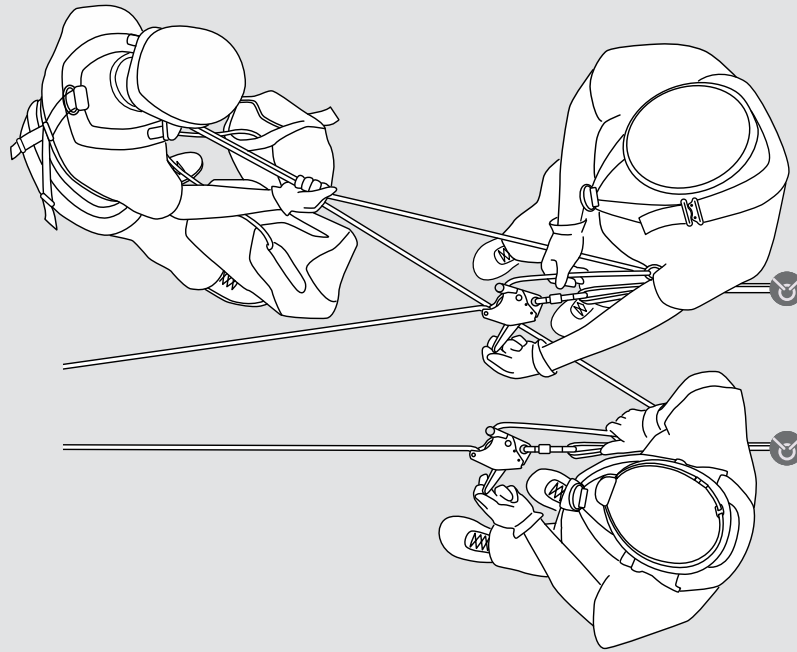
x2
FastLink Anchor Strap - Med. p.81
Anchor Strap Sleeve - Med. p.81

Item #	Weight
501411	26.3 kg (58 lb)

Contact CMC for availability of the 13 mm (1/2) CLUTCH in the DCTTRS Kit

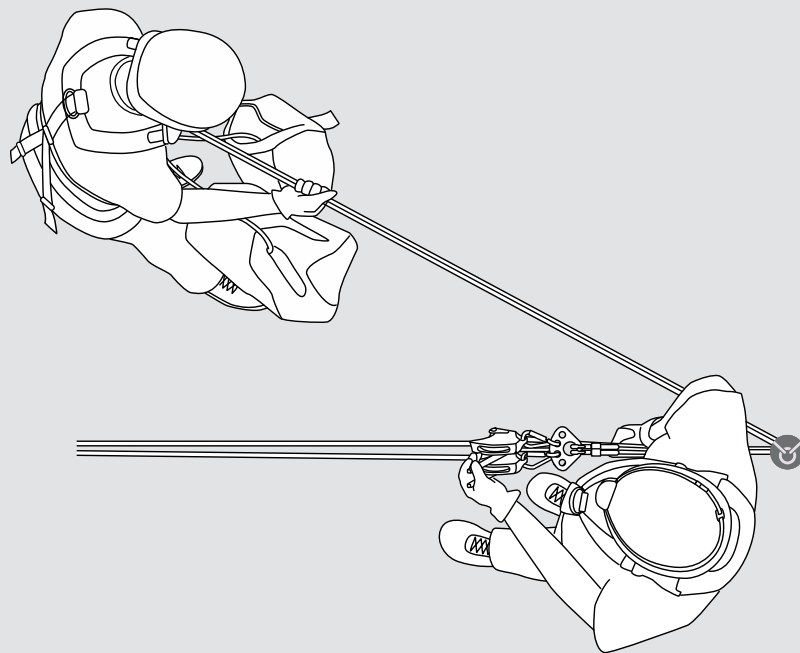
The CLUTCH in a Twin Tension Rope System

When two CLUTCH devices are used together in a Twin Tension Rope System (TTRS), tension can be maintained on both lines. The load is shared across both systems, reducing the risk of a single line failure. If a catastrophic event such as single line failure should occur, a TTRS is preferable to a traditional slack belay because it prevents 100 percent load transfer to the slack belay line, thereby limiting shock and extension in the system.



Double CLUTCH Technique

The Double CLUTCH TTRS Kit includes two CMC DNA ANSI Carabiners, so that two CLUTCH devices can be connected to a single anchor plate. This Double CLUTCH Technique allows both rope systems to be controlled and monitored by a single operator for better shared tension. The resulting system meets best practices, minimizes failure risk, and offers the potential to reduce personnel requirements.



AZTEK ProSeries® System



UL CLASSIFIED TO NFPA 1983 - GENERAL USE

In use worldwide, the AZTEK (Arizona Technician's Edge Kit) offers more than 100 rigging solutions in a single bag. An extremely versatile tool, it reflects the philosophy of keeping rigging equipment simple, efficient, non-specialized, light, and small. Each component has been thoroughly tested and proven to work efficiently as part of this multi-functional system that comes pre-rigged for immediate deployment to the field.



Available Rigging Solutions Include

- Quickly adjust litter attendant position
- High angle litter scoops
- Solo pick-off
- Easily pass knots
- Correct disoriented equipment under load
- Transfer loads
- Establish dynamic fixed brakes
- Pretensioned back-ties
- Redirect anchors
- Establish travel restriction
- Dynamic directionals
- Dynamic lowers
- Hauling systems
- High angle attendant tether
- Load-releasing hitch
- Personal mechanical advantage
- Solo pick-off
- Tensioned guying

AZTEK ProSeries System Comes Fully Assembled and Includes

- **AZTEK Omni Pulley Set**
(one blue, one orange)
UL Classified to NFPA 1983
- **Quick Pin for AZTEK Omni Pulley**
- **AZTEK ProSeries Cord**
15 kN (3,372 lbf), 8-mm, Hi-Viz orange
15.2 m (50 ft) w/ Sewn-Eye Termination
12 kN (2,698 lbf)
- **AZTEK Edge-Pro Tubular Webbing**
blue, 609 mm (24 in)
- **ProTech™ Aluminum Auto-Lock Carabiner**
w/ removable keeper pin 29 kN (6,519 lbf) UL Classified to NFPA 1983
- **AZTEK Bound-Loop Prusik**
orange (6 mm diameter) – 229 mm (9 in)
- **AZTEK Bound-Loop Prusik**
blue (6 mm diameter) – 229 mm (9 in)
- **AZTEK Bound-Loop Purcell**
blue (6 mm diameter) – 1.06 m (42 in)
- **Maillon Rapide Quick Link**
Oval (7 mm) – 25 kN (5,620 lbf)
- **AZTEK ProSeries Pack**

Item #	Description	3 Sigma MBS	Weight
500104	AZTEK ProSeries System	38 kN (8,542 lbf)	2 kg (4.3 lb)
300320	Replacement AZTEK Quick-Release Pin (1/4")	n.a.	14 g (0.5 oz)

MORE AT CMCPRO.COM

AZTEK ProSeries Cord (8mm) - sold by the foot. **Item #293021**
 AZTEK ProSeries Cord – 50 ft w/ Sewn-Eye Termination. **Item #293421**
 AZTEK Prusik, Orange or Blue (6 mm). **Items #295001 & 395002**
 AZTEK Purcell, Blue (6 mm). **Item #295012**
 AZTEK Omni Pulley, Orange. **Item #300321**
 AZTEK Omni Pulley, Blue (with pin). **Item #300322**
 Maillon Rapide Quick Link – Oval (7 mm). **Item #383071**

AZTEK ProSeries® LT System



UL CLASSIFIED TO NFPA 1983 - GENERAL USE



The AZTEK ProSeries LT (Load Tender) is a more compact version of the AZTEK ProSeries System on page 114. Reflecting attention to detail, the LT system includes 8.5 m (28 ft) of 8 mm AZTEK ProSeries Cord that can extend the set-of-fours up to 6 feet, providing a 4:1 or 5:1 mechanical advantage with an MBS of 38 kN (8,542 lbf). The LT System includes two ProTech™ Auto-Lock Carabiners with removable keeper pins for attachment to swivel ends.

Available Rigging Solutions Include

- Adjust litter attendant position, low/high
- High-angle attendant tether
- High-angle litter scoops
- Solo pick-off
- Personal mechanical advantage
- Knot passing
- Transfer loads
- Correcting disoriented equipment under load
- Establish dynamic fixed brakes
- Pre-tensioned back-ties
- Redirect anchors
- Load-releasing hitch
- Tensioned guying

AZTEK ProSeries LT System Comes Fully Assembled and Includes

- **AZTEK Omni Pulley Set**
(one blue, one orange)
UL Classified to NFPA 1983
- **Quick Pin for AZTEK Omni Pulley**
- **AZTEK ProSeries Cord**
15 kN (3,372 lbf), 8-mm, Hi-Viz orange
8.5 m (28 ft) w/ Sewn-Eye Termination
12 kN (2,698 lbf)
- **2 ProTech Aluminum Auto-Lock Carabiners**
with removable keeper pin 29 kN (6,519 lbf)
UL Classified to NFPA 1983
- **AZTEK Bound-Loop Prusik**
blue (6 mm diameter) – 229 mm (9 in)
- **AZTEK Bound-Loop Purcell**
blue (6 mm diameter) – 1.06 m (42 in)
- **Maillon Rapide Quick Link**
Oval (7 mm) – 25 kN (5,620 lbf)
- **AZTEK Storage Bag**
with quick connect attachment

Item #	3 Sigma MBS	Weight
500106	38 kN (8,542 lbf)	1.3 kg (3 lb)

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

CSR² Pulley System™



UL CLASSIFIED TO NFPA 1983 - GENERAL USE

This system is an excellent choice for confined space entry or rope access work where a heavy-duty pulley system is desired.

CSR² Pulley System Features

- Patented locking mechanism on the CSR² Pulley is easy to release under load for greater efficiency in a confined space rescue.
- Comes with 5 ft of 4mm (5/32 in) nylon accessory cord to remotely control the locking mechanism.
- Machined aluminum swivels at both ends of the system eliminate twisting of lines.
- Available with either 11 mm (7/16 in) or 12.5 mm (1/2 in) Static-Pro Lifeline.
- Pulleys machined from solid aircraft-grade aluminum.
- System comes ready for use, fully reeved and packed into its storage bag.



CSR² Pulley System with 12.5 mm (1/2 in) Static-Pro Lifeline

CSR² Pulley System Comes Fully Assembled And Includes

- CSR² Pulley
- CSR² Double Pulley
- 61 m (200 ft) of 12.5 mm (1/2 in) Static-Pro Lifeline (Red)
- **OR** 61 m (200 ft) of 11 mm (7/16 in) Static-Pro Lifeline (Blue)
- 2 ProSeries Aluminum Screw-Lock Carabiners
- #3 Rope Bag
- Custom rope lengths available upon request

3 Sigma MBS: 44 kN (9,891 lbf)

Item #	Rope Color	Option	Weight
500102	Red	12.5 mm (1/2 in)	11.3 kg (24.9 lb)
500103	Blue	11 mm (7/16 in)	9.3 kg (20.5 lb)

SEE MORE

CSR² Pulley

CSR² Single and Double Pulleys are available separately. See Page 41.

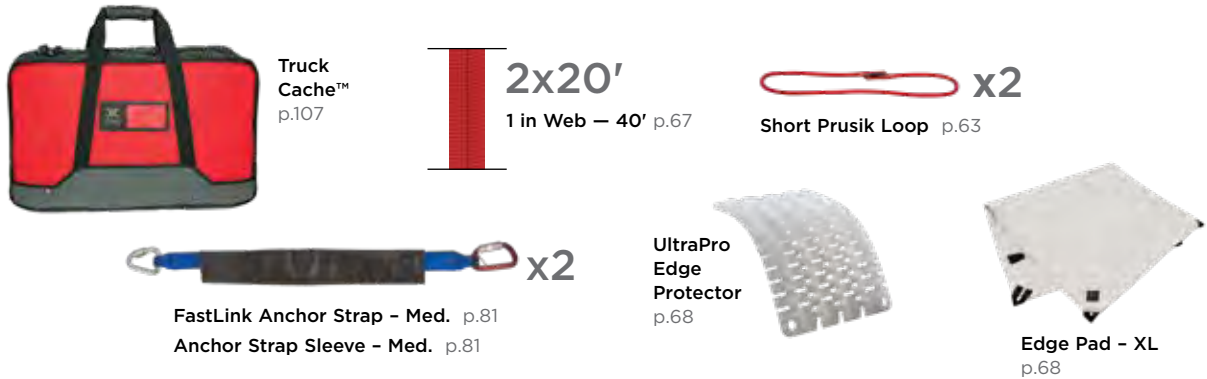


CSR² Pulley System with 11 mm (7/16 in) Static-Pro Lifeline

Rope Rescue Truck Cache™ Kit

This well-organized kit provides efficient access to the rigging hardware needed to set up a main line and belay system. The case can be laid on the ground or suspended from the side of a vehicle with its integrated gutter hooks. When closed, the case fits into a vehicle cabinet or behind a seat.

Two options of this kit are available. Both contain all of the following products:



Option 1 MPD Rigging Kit

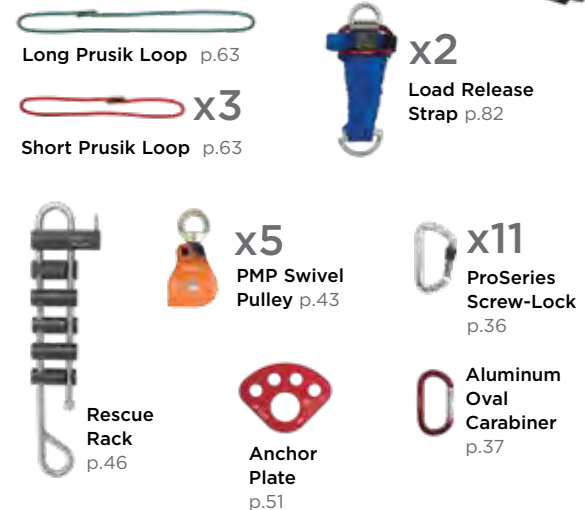
Includes all of the products above plus the following:



Item # 501139

Option 2 Traditional Rigging Kit

Includes all of the products above plus the following:



Item # 501109

Rope Rescue Team Kit - Complete



Steel Rescue Litter, Rectangular p.146 | Mesh Litter Insert p.153
Patient Tie-In System p.151 | Pelvic Harness & Stuff Bag p.151



x4
ATOM™
Rescue
Harness
p.15



Lifesaver
Victim
Harness™
p.26



ProSeries
Litter
Harness Bag
p.152



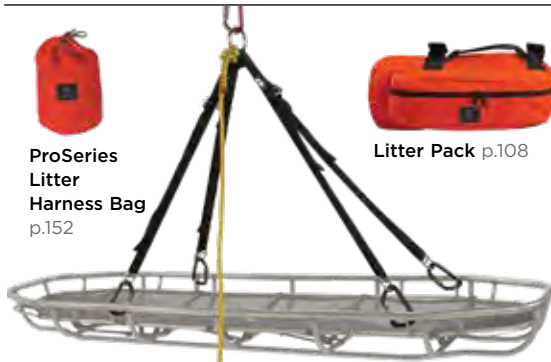
Litter Pack p.108



Truck
Cache™
p.107



Shasta Gear Bag™ p.105



ProSeries® Litter Harness p.152



x4
Personal
Gear Bag
p.108



#2 Rope Bag
(Red)
p.103

#2 Rope
Bag (Orange)
p.103



x13
ProTech
Auto-Lock
p.35



x4
ProSeries
Screw-Lock
p.36



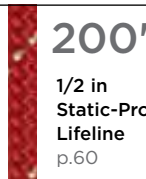
x4
Rescue 8
p.47



x2
CMC
Ascender
p.48



200'
1/2 in
Static-Pro
Lifeline
p.60



200'
1/2 in
Static-Pro
Lifeline
p.60



2x20'
1 in Web
(40 ft)
p.67



2x12'
1 in Web
(24 ft)
p.67



x4
Large Multi-
Loop Strap
p.85



Etrier
with
Tie-In
p.84



x2
FastLink Anchor Strap - Med. p.81
Anchor Strap Sleeve - Med. p.81



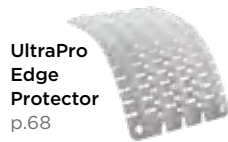
FastLink™ Pick-Off Strap
p.83



x4
Adjustable
Litter Strap
p.83



x2
Edge Pad -
XL p.68



UltraPro
Edge
Protector
p.68



x4
Pro Pocket™
p.108



x4
Rope Rescue
Technician
Field Guide
p.8



Rope Rescue
Technician
Manual p.8



x4
EOS Headlamp p.174



x4
Essential Glove
p.164



x4
ESS
Striketeam
Goggles
p.170



x4
Kask Rescue
Helmet p.168

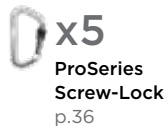
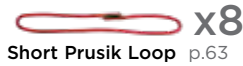
This kit contains all the combined components a team needs to perform high- or low-angle rescue operations, as well as the personal gear for four rescuers (4 x Rescuer Personal Kit) including the new ATOM™ Rescue Harness.



Two options of this kit are available. Both contain all of the products on page 120.

Option 1 MPD Rigging Kit

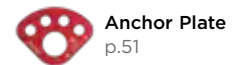
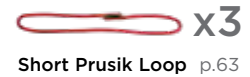
Includes all of the products to the left plus the following:



Item # 501358

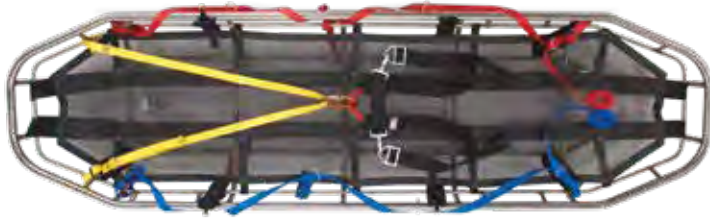
Option 2 Traditional Rigging Kit

Includes all of the products to the left plus the following:



Item # 501058

Rope Rescue Team Kit – Rigging



Steel Rescue Litter, Rectangular p.146 | Mesh Litter Insert p.153
Patient Tie-In System p.151 | Pelvic Harness & Stuff Bag p.151



Lifesaver Victim Harness™ p.26



Etrier with Tie-In p.84



ProSeries Litter Harness Bag p.152



Litter Pack p.108



ProSeries® Litter Harness p.152



Truck Cache™ p.107



Shasta Gear Bag™ p.105



x2 ProTech Auto-Lock p.37



x2 Edge Pad - XL p.68



Rope Rescue Technician Manual p.8



x2 CMC Ascender p.48



UltraPro Edge Protector p.68



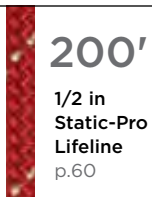
#2 Rope Bag (Red) p.103



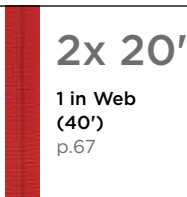
#2 Rope Bag (Orange) p.103



200'
1/2 in Static-Pro Lifeline p.60



200'
1/2 in Static-Pro Lifeline p.60



2x 20'
1 in Web (40') p.67



2x 12'
1 in Web (24') p.67



x4 Adjustable Litter Strap p.83



FastLink™ Pick-Off Strap p.83



FastLink Anchor Strap - Med. p.81
Anchor Strap Sleeve - Med. p.81

This kit contains the minimum equipment required to handle most high or low-angle rope rescue responses. It includes a main line with mechanical advantage for raising, a descent control device for lowering, a belay line, a litter with patient-packaging system, and gear for setting up anchors.



NOTE: In addition to this equipment, we recommend each team member team carry the equipment in the CMC Rescuer Personal Kit (page 128).

Two options of this kit are available. Both contain the products on page 122.

Option 1 MPD Rigging Kit

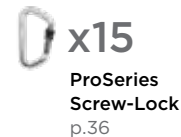
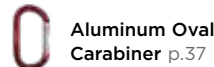
Includes all of the products to the left plus the following:



Item # 501135

Option 2 Traditional Rigging Kit

Includes all of the products to the left plus the following:



Item # 501105

Confined Space Rescue Team Kit

This kit has the minimum equipment required for an entrant, attendant, stand-by rescuer, main-line operator and belayer to set up systems for vertical entry into a confined space for both rescue and patient transport. For a complete confined space solution, add or use your own communication, gas monitor, and ventilation equipment.



CMC TRISKELION™
P.74

x2
ATOM™ Rescue Harness
p.15

Anchor Plate
p.51

x18
ProSeries Screw-Lock
p.34

x5
Essential Glove
p.164

LSP Miller Full-Body Splint
p.158

Sked® Basic Rescue System
p.154

Lifesaver Victim Harness™
p.26

Lifesaver Victim Chest Harness™
p.26

200'
7/16 in Static-Pro Lifeline
p.60

200'
1/2 in Static-Pro Lifeline
p.60

200'
1/2 in Static-Pro Lifeline
p.60

200'
1/2 in Static-Pro Lifeline
p.60

5x20'
1 in Web (100')
p.67

4x12'
1 in Web (48')
p.67



x5
PMP Single Swivel Pulley
p.41



CSR² Pulley
p.41



CSR² Double Pulley
p.41



x3
Long Prusik Loop p.63



x4
Short Prusik Loop p.63



FastLink Anchor Strap - Med. p.81
Anchor Strap Sleeve - Med. p.81



x2
Edge Pad - XL
p.68



x2
Load Release Strap
p.82



Born Entry-Ease
p.69



x2
Aluminum Oval Carabiner
p.37



x5
Alta Superflex™ Knee Pad
p.171



x2
EOS Headlamp
p.176



x5
Kask Rescue Helmet
p.168



Confined Space Rescue Technician Manual
p.9



x2
Confined Space Rescue Technician Field Guide
p.9



x2
Lassen Duffel Bag - Medium
p.106



Shasta Gear Bag™ p.105



Rope and Equipment Bag - Medium
p.104



#2 Rope Bag (Yellow)
p.103



#2 Rope Bag (Red)
p.103

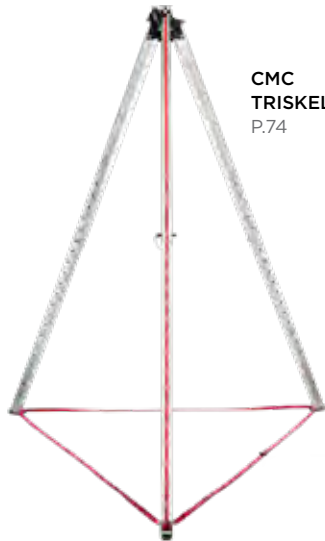


#2 Rope Bag (Orange)
p.103

Item # 501301

Confined Space Entry Kit

This kit has everything needed for vertical entry into a confined space. It includes primary access line, a belay/retrieval system, and personal gear for the entrant. This kit incorporates the CMC CSR² Pulley System for a 4:1 lowering and raising system and includes the SKED-EVAC Tripod.



CMC TRISKELION™
p.74



Lassen Duffel Bag - Medium p.106



Rope and Equipment Bag - Medium p.104



#2 Rope Bag p.103



Essential Glove
p.164



CSR² Pulley
p.41



CSR² Double Pulley p.41



x7 ProSeries Screw-Lock
p.34



Aluminum Oval Carabiner p.37



Load Release Strap p.82



ATOM™ Rescue Harness
p.15



Anchor Plate
p.51



Born Entry-Ease
p.69



Alta Superflex™ Knee Pad p.171



EOS Headlamp p.176



x2 PMP Single Swivel Pulley
p.41



200'
1/2 in Static-Pro Lifeline
p.60



200'
7/16 in Static-Pro Lifeline
p.60



20'
1 in Web
p.67



Kask Rescue Helmet
p.168



FastLink Anchor Strap - Med. p.81
Anchor Strap Sleeve - Med. p.81



Long Prusik Loop p.63



Short Prusik Loop p.63



Confined Space Rescue Technician Field Guide p.9

Item # 501201



Confined Space Entrant Personal Kit

This kit contains all the personal gear needed by a rescuer making a vertical entry into a confined space, whether using a retrieval line or being lowered.



Lassen Duffel Bag - Medium p.106



Kask Rescue Helmet p.168



ATOM™ Rescue Harness p.15



Alta Superflex™ Knee Pad p.171



EOS Headlamp p.174



Essential Glove p.164

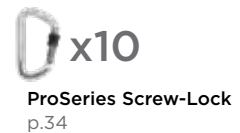
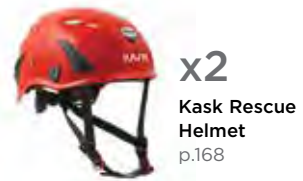


Confined Space Rescue Technician Field Guide p.9

Item # 501203

2-Person Confined Space Rescue Entrant Kit

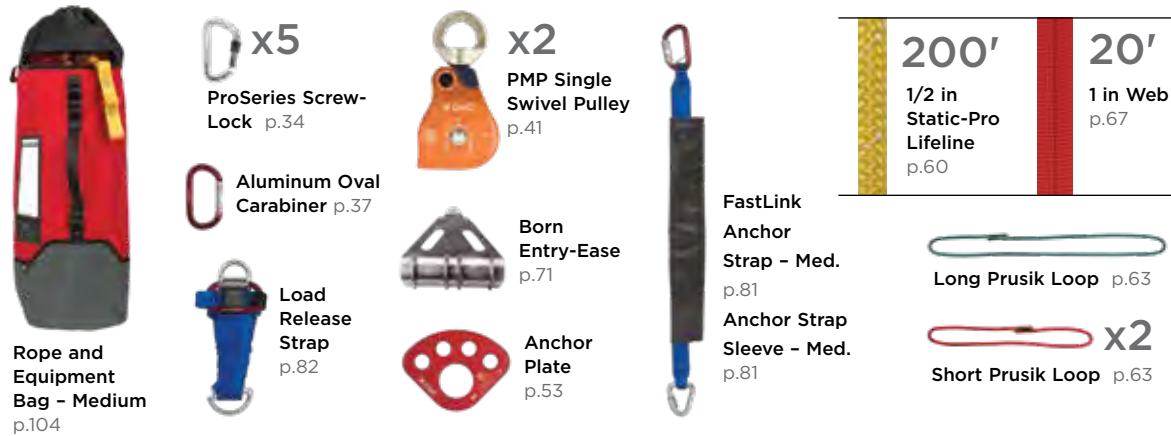
This kit contains the minimum equipment needed for a two-person confined space standby team. It includes two Confined Space Entrant Personal Kits (page 127) and two Additional Entrant Retrieval Line Kits (page 129). It can be combined with a Confined Space Rescue Team Kit (page 125-126) to equip a seven-person team.



Item # 501303

Confined Space Belay/Retrieval Kit

A complete system for attachment to a tripod or other anchor for a belay line or retrieval line for a confined space entrant. Intended for rescue operations or rope access work.



Item # 501202

Additional Entrant Retrieval Line Kit

For use with the Confined Space Belay/Retrieval Kit (above) when safely inserting a second entrant into a confined space. This system can be kept in a rope bag and quickly attached to the anchor when a second entrant is needed.

Two options of this kit are available. Both contain all of the following products:



Option 1 Yellow

Includes all of the products above plus the following:



Item # 501204



#2 Rope Bag (Yellow) p.103

Option 2 Orange

Includes all of the products above plus the following:



Item # 501205



#2 Rope Bag (Orange) p.103

Victim Pick-Off Kit

This kit contains a complete set-up for attaching a stranded subject to a rescuer's system for lowering or rappel-based pick-off. The Pick-Off Strap can be attached to the Victim Harness, and all stored in the bag that comes attached to the harness.



Lifesaver
Victim
Harness™
p.26



FastLink™ Pick-Off Strap p.83



Short Prusik Loop p.63

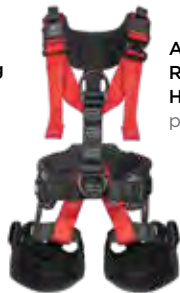
Item # 500108

Rescuer Personal Kit With ATOM™ Rescue Harness

This kit contains the minimum recommended personal equipment that an individual rescuer should have in their gear pack, including protection for head and hands.



Personal
Gear Bag
p.108



ATOM™
Rescue
Harness
p.15



Kask
Rescue
Helmet
p.168



Essential
Glove
p.164



ESS Striketeam
Goggles p.170



EOS
Headlamp
p.174



Pro Pocket™
p.108



Short Prusik Loop p.63



Long Prusik Loop p.63



Large
Multi-Loop
Strap
p.85



x3
ProTech
Auto-Lock
p.37



Rescue 8
p.47



Rope Rescue
Technician
Field Guide
p.8

Item # 501108

Litter Harness Kit

This kit contains the CMC Litter Harness, Patient Tie-In System, and Patient Tie-In Pelvic Harness. Two CMC Ascenders and an Etrier are included for attaching the litter attendant to the litter harness tender line.

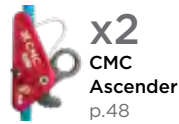


Patient Tie-In System p.151 (Litter not included)
Pelvic Harness & Stuff Bag p.151



ProSeries® Litter Harness p.152

Item # 501106



x2
CMC Ascender
 p.48



x4

Adjustable Litter Strap p.83



ProTech Auto-Lock
 p.37



Etrier with Tie-In
 p.84



x4

ProSeries Screw-Lock
 p.34



ProSeries Litter Harness Bag
 p.152



Litter Pack p.108

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

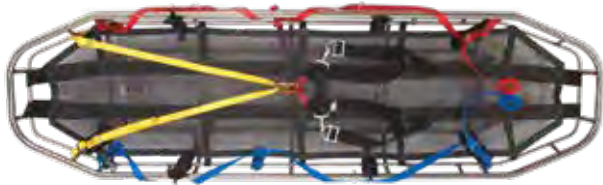
BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

USAR Task Force Kit



Steel Rescue Litter, Rectangular p.146 | Mesh Litter Insert p.153
Patient Tie-In System p.151 | Pelvic Harness & Stuff Bag p.151



FastLink™ Pick-Off Strap p.83



FastLink Anchor Strap - Med. p.81
Anchor Strap Sleeve - Med. p.81



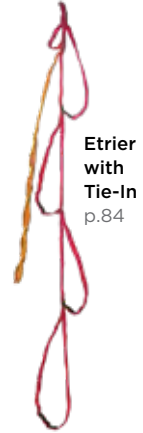
Litter Pack p.108

ProSeries Litter Harness Bag p.152

ProSeries® Litter Harness p.152



x4 Adjustable Litter Strap p.85



Etrier with Tie-In p.84



Truck Cache™ p.107



x2 ATOM™ Rescue Harness p.15



#2 Rope Bag (Orange) p.103



#2 Rope Bag (Red) p.103



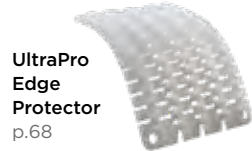
Rope Rescue Technician Manual p.8



Shasta Gear Bag™ p.105



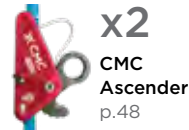
x2 Edge Pad - XL p.68



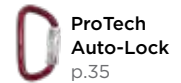
UltraPro Edge Protector p.68



Rescue 8 p.47



x2 CMC Ascender p.48



ProTech Auto-Lock p.35

6x20'

1 in Web (120') p.67

6x15'

1 in Web (90') p.67

6x12'

1 in Web (72') p.67

6x5'

1 in Web (30') p.67

200'

1/2 in Static-Pro Lifeline p.60

200'

1/2 in Static-Pro Lifeline p.60

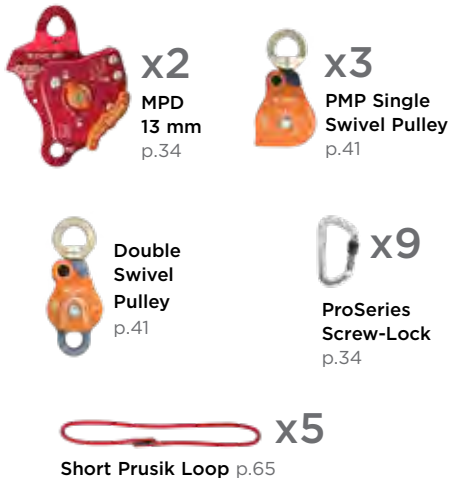
This kit is a good choice for a truck or engine company that responds to over-the-side rescues or needs a vertical lift capability for trench or confined space rescues. It contains the primary rope rescue equipment on most FEMA and USAR requirements lists. For a communications capability, add the Con-Space USAR Task Force Kit (page 143).



Two options of this kit are available. Both contain all of the products on page 134.

Option 1 MPD Rigging Kit

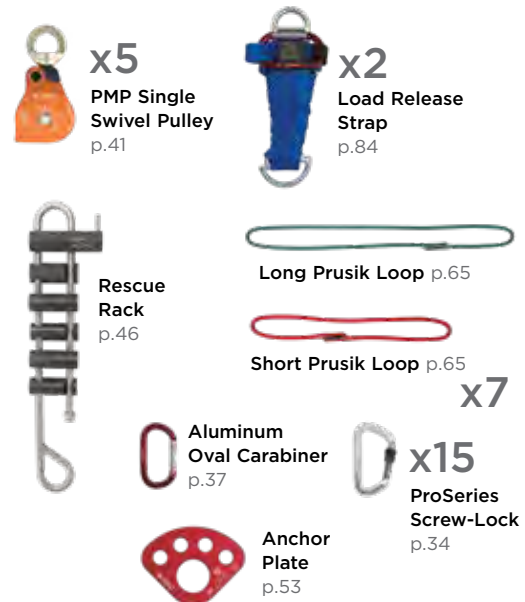
Includes all of the products to the left plus the following:



Item # 500631

Option 2 Traditional Rigging Kit

Includes all of the products to the left plus the following:



Item # 500601

Main Line Kit

For Lowering or Raising with Mechanical Advantage

This kit contains everything needed to set up a simple 3:1 mechanical advantage raising system with the option of a change of direction, a complex 5:1 mechanical advantage raising system, or a lowering system. It also includes gear for anchors and edge protection.



Rope and Equipment Bag - XL p.104



Rescue Rack p.44



x7 ProSeries Screw-Lock p.34



Aluminum Oval Carabiner p.37



Anchor Plate p.51

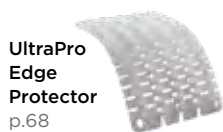


200' 1/2 in Static-Pro Lifeline p.60

2x20' 1 in Web (40') p.67



FastLink Anchor Strap - Med. p.81
Anchor Strap Sleeve - Med. p.81



UltraPro Edge Protector p.68



x5 PMP Single Swivel Pulley p.41



Edge Pad - XL p.68



x2 Load Release Strap p.82



x2 Short Prusik Loop p.63

Item # 501102

Rope Rescue System Kit

This kit contains everything but the rope that's needed for a complete systems package. It includes gear to rig a main line lowering or raising system, mechanical advantage, and a separate belay system. The UltraPro Edge Protector provides edge protection and acts as the internal frame for the System-Pac when it's loaded.



RigTech Pack p.102



Rescue Rack p.44



Anchor Plate p.51



Aluminum Oval Carabiner p.37



x11 ProSeries Screw-Lock p.34



FastLink Anchor Strap - Med. p.81
Anchor Strap Sleeve - Med. p.81



2x20' 1 in Web (40') p.67



Edge Pad - XL p.68



x5 PMP Single Swivel Pulley p.41



UltraPro Edge Protector p.68



x2 Load Release Strap p.82



Long Prusik Loop p.63



x5 Short Prusik Loop p.63

Item # 501101

Air Operations Rescue Kit

This kit contains the basic equipment needed by two rescue personnel in a hoist-equipped helicopter in addition to the equipment required for a patient who is either ambulatory or on a backboard. The kit also supports short haul operations.



Item # 500900

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

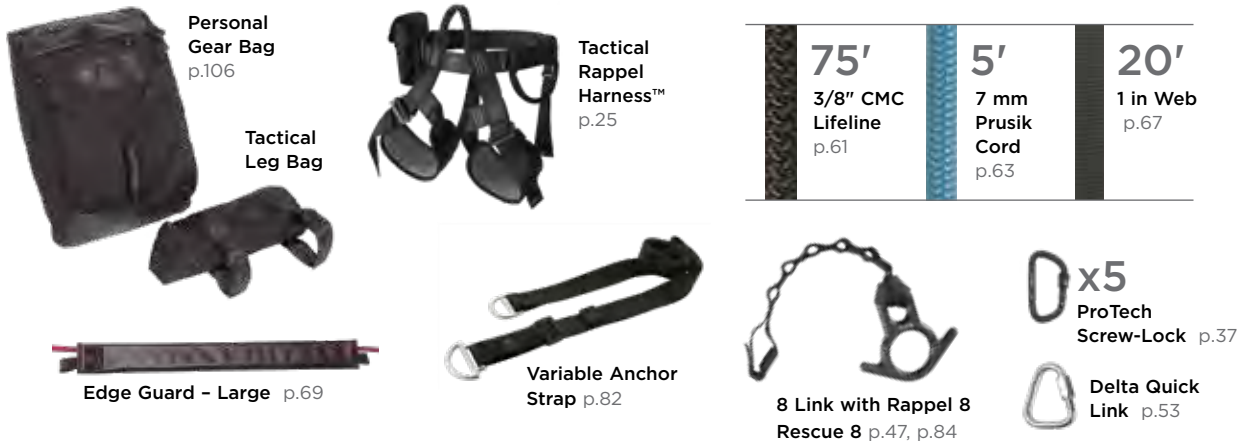
SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

Tactical Personal Rappel Kit

All equipment in this kit is lightweight, durable and low profile. The kit includes everything needed for rappel access or escape for one tactical officer. It includes the CMC Stealth Rope Bag, which is designed to be worn on the lower leg for quick, easy access. The storage bag and equipment are black for reduced visibility.



Item # 500501

Tactical Team Rappel Kit

This kit provides rope, harnesses, and hardware for two tactical officers moving in vertical environments, where keeping a low profile is a must. The storage bag and equipment are black for reduced visibility.



Item # 500503

SRT Throwline Bag Set



This set features CMC's multi-use SRT Throwline water rescue line, available in several lengths and type of bag. The handle makes for easy and accurate throwing and has a quick-release buckle to attach the bag to a boat or PFD. The pack-cloth and mesh bags both have an Ethafoam disk for flotation.



Item #	Length	Bag Type	Bag Color	Weight
291100	30 m (100 ft)	Mesh	Yellow	1.7 kg (3.75 lb)
291250	15 m (50 ft)	Pack Cloth	Orange	907 g (2 lb)
291275	23 m (75 ft)	Pack Cloth	Orange	1.4 kg (3 lb)

Throwline Bags (Bag Only)



CMC's UV-resistant, high-strength mesh bag and pack-cloth throwline bags are available without rope. Throwline sold separately (see page 66).



Item #	Size	Model	Color	Capacity W/NFPA Throwline	Capacity W/SRT	Capacity W/Redi-Line	Weight
433075	Large	Mesh	Yellow	56 m (185 ft)	33 m (110 ft)	30 m (100 ft)	153 g (.34 lb)
433135	Small	Pack Cloth	Orange	15 m (50 ft)	N/A	N/A	106 g (.23 lb)
433150	Medium	Pack Cloth	Orange	23 m (75 ft)	15 m (50 ft)	14 m (45 ft)	117 g (.26 lb)
433175	Large	Pack Cloth	Orange	30 m (100 ft)	23 m (75 ft)	21 m (69 ft)	150 g (.33 lb)
433574	Small	EZ Stuff	Yellow	23 m (75 ft)	15 m (50 ft)	14 m (45 ft)	130 g (.29 lb)

EZ-Stuff™ Throwline Bag Set



With a flat bottom and unique side-grommet, the EZ-Stuff throwline bag set stands up and stays open while rope is fed into it.



EZ-Stuff Throwline Bag Set Features

- Includes 15 m (50 ft) of high-performance NFPA Throwline.
- Short, stocky design allows more room for a hand when feeding rope.
- Quick-release top handle makes throwing the bag more accurate and allows it to clip to a PFD or belt.
- Safety-Glo stripe enhances visibility in low-light conditions.
- Flotation is built directly into the bag.

Item #	Model	Weight
291550	Set	567 g (1.25 lb)

Water Rescue Kit – Rescue Swimmer

This kit contains the basic personal protective equipment needed by anyone responding as a rescue swimmer to a water rescue incident. Appropriate thermal protection, such as a drysuit or wetsuit, should be added.



Water Rescue Gear Bag p.109



Rapid Rescuer PFD p.176



Shredder SAR Fins p.180



Cascade Swiftwater Helmet p.170



NRS Utility Gloves p.166



NRS Boots p.179



Water Rescue Tether p.180



Akua Rescue Knife p.181



Emergency Strobe p.175



Fox 40 Whistle p.181

Item # 501502

Water Rescue Kit – Shore Based

This kit contains the basic personal protective equipment needed to respond to a water rescue incident or work within 4.5 m (15 ft) of moving water. The included throwline bag allows assignment as a downstream safety. Appropriate thermal protection, such as a drysuit or wetsuit, should be added.



Mesh Duffel Bag - Small p.109



NRS Big Water V p.176



EZ-Stuff Bag Set with NFPA Throwline p.135



Cascade Swiftwater Helmet p.170



NRS Utility Gloves p.166



Emergency Strobe p.175



Akua Rescue Knife p.181



Fox 40 Whistle p.183

Item #	Option
501501	Kit, Water Rescuer-Shore Based
501503	KIT, Water Rescuer-Shore Based, Plus Size

River Rescue Z-Rig Kit

This kit contains the water-compatible components needed to set up a 3:1 mechanical advantage system for water rescue incidents. Lightweight ProTech Pulleys help to keep bulk and weight down, and the included Rappel 8 allows for a lowering system.



#2 Rope Bag
p.103



Stuff Bag - Small
p.108



Rescue 8
p.47



x10
ProTech Screw-Lock
p.34



x2
Short Prusik Loop p.63



Runner - Large



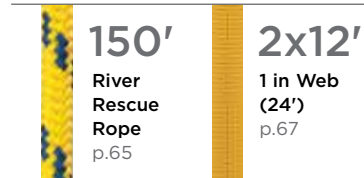
ProTech Screw-Lock
p.34



Anchor Plate
p.51



x3
ProTech™ Pulley p.42



150'
River Rescue Rope
p.65

2x12'
1 in Web (24')
p.67

Item # 501505

NFPA Throwline Bag Set



This Bag Set combines CMC Rescue NFPA Throwline with an economical pack-cloth bag. The 8-mm diameter line allows a very compact throw bag.



Color: Orange

Item #	Length	Weight
291750	15 m (50 ft)	539 g (1.19 lb)
291775	23 m (75 ft)	1.2 kg (2.65 lb)

Redi-Line™ Throwline Bag Set



There should be a throwline in every patrol car, municipal truck, and fire apparatus. This bag set makes preparedness affordable. The pack-cloth bag features a quick-release strap and top handle for easy throwing. An Ethafoam disc provides flotation.

Color: Orange

Item #	Length	Weight
291350	15 m (50 ft)	822 g (1.81 lb)
291375	23 m (75 ft)	1.2 kg (2.65 lb)

ResQmax™ Swiftwater Rescue Kit

The Sling Projectile inflates on contact with the water to become a flotation collar or easy-to-hold floating ring for the subject. The 91 m (300 ft) 8 mm Polyspectra line floats and has a tensile strength of 9.8 kN (2,200 lbf). The average launch distance with the sling projectile is 61 m (200 ft).

ResQmax Swiftwater Rescue Kit Includes

- ResQmax Launcher with Folding Stock
- Streamline Sling Projectile with two spare molded sling burst capsules
- 91 m (300 ft) x 8 mm Polyspectra Line with large line container (9.8 kN/2,200 lbf test)
- Spares kit
- Corrosion Block Lubricant/Rust Inhibitor
- Streamline Filler Hose Assembly
- Cordura® Nylon Carry Bag, Red/Black
- Streamline Nozzle Protectors (Pack of 5)
- CO₂ Capsules and H₂O Soluble Bobbins (Pack of 5)
- Operations Manual



Item #	Line Length	Line Diameter	Color	Weight
564020	91 m (300 ft)	8 mm (5/16 in)	Red/Black	10.8 kg (23.8 lb)

ResQmax™ Line Deployment Kit

This kit contains everything needed to launch a 3 mm messenger line up to 107 m (350 ft). The 152 m (500 ft) Dacron® line has a tensile strength of 2.2 kN (500 lbf). Once the messenger line is across, it can be used to pull across a rescue rope.

ResQmax Line Deployment Kit Includes

- ResQmax Launcher with Folding Stock
- Streamline Line Projectile with two spare molded projectile protectors
- 152 m (500 ft) Dacron® messenger line with compact line container (2.2 kN/500 lbf test)
- Spares kit
- Corrosion Block Lubricant/Rust Inhibitor, 113 g (4 oz)
- Streamline Filler Hose Assembly
- Cordura® Nylon Carry Bag, Red/Black
- Streamline Nozzle Protectors, (Pack of 5)
- Operations Manual
- Training CD



Item #	Line Length	Line Diameter	Color	Weight
564000	152 m (500 ft)	3 mm (1/8 in)	Red/Black	7.9 kg (17.5 lb)

ResQmax Distance Chart

Performance figures shown below represent conservative values achievable by someone who has received basic training in the use of the equipment.

Line Type	Horizontal w /Line Projectile	Horizontal w/ Sling Projectile	Vertical w/ Grappling Hook
7 mm Black – Nylon/Spectra Braid	50 m (165 ft)	50 m (165 ft)	24 m (80 ft)
5.5 mm Black – Nylon/Spectra Braid	85 m (280 ft)	70 m (230 ft)	33 m (110 ft)
3 mm White – Dacron® Polyspectra Braid	122 m (400 ft)	91 m (300 ft)	Not Applicable
8 mm Yellow w/ Red Tracer – Polyspectra Water Rescue	76 m (250 ft)	61 m (200 ft)	Not Applicable

ResQmax™ Complete Kit

The ResQmax Complete Kit provides versatility by including a Line Projectile for delivering a messenger line and a Sling Projectile for deploying an inflatable sling. Each line has its own compact container, ready for instant deployment. The kit comes packed in a rugged Pelican Case with molded liner.



ResQmax Complete Kit Includes:

- ResQmax Launcher with Folding Stock
- Streamline Line Projectile with two spare molded projectile protectors
- Streamline Sling Projectile with two spare molded sling burst capsules
- 152 m (500 ft) Dacron® messenger line with compact line container (2.2 kN/500 lbf) test
- 84 m (275 ft) Polyspectra Water Rescue Line with compact line container
- CO₂ capsules and water soluble bobbins, (Pack of 5) (Not Shown)
- Spares Kit (Not Shown)
- 113 g (.25 lb) Streamline Filler Hose Assembly
- Pelican Case with molded insert liner
- Streamline Nozzle Protectors, (Pack of 5)
- Operations Manual
- Training CD

Item #	Line Length	Line Diameter	Weight
564060	152 m (500 ft) Messenger 84 m (275 ft) Water Rescue	3 mm (.125 in) Messenger 8 mm (.31 in) Water Rescue	25.8 kg (56.9 lb)

ResQmax™ Optional Equipment

The molded interior of the ResQmax Complete Kit Pelican Case can hold one additional projectile of any type, one filler hose assembly adapter, a ResQmax Tool Kit and up to 3 additional Pack-of-5 consumables.



Item #	Description	Weight
563000	Streamline Line Projectile	1 kg (2.2 lb)
563050	Streamline Training Projectile, Red Cover	850 g (1.9 lb)
567120	CO ₂ Capsules and Water Soluble Bobbins (Pack of 5)	NA

ResQmax™ Grappling Hook

A fixed grappling hook with three non-barbed tines. Made from titanium for high strength and light weight.



Item #	Weight
567010	907 g (2 lb)

Contact CMC Customer Support for the Full Line of ResQmax Products

RAMFAN Blower/Exhauster



The RAMFAN UB20 20 cm (8 in) Blower/Exhauster delivers the highest CFM in its class.

RAMFAN Blower/Exhauster Features

- Ultra-quiet .3 HP, 115 VAC motor.
- 60 HZ domestic model is CSA rated for outdoor use, 50 HZ international model has CE approvals.
- Double-wall casing and polypropylene blade operate under heavy workload and demanding conditions.
- 7.6 m (25 ft) duct in quick-couple canister attaches to either end of fan.



Item #	Model
575625	US Model - 60 Hz
575725	International Model - 50 Hz

Output: 980 CFM (1,666 m³/hr)

Dimensions: 36 x 30 x 33 cm (14 x 12 x 13 in)

Weight: Blower/Exhauster - 8.2 kg (18 lb), Duct and Canister - 13 kg (29 lb)

RAMFAN Intrinsically Safe Blower/Exhauster



MANUFACTURER CERTIFIED TO UL CLASS I, GROUPS C AND D, CLASS II, GROUPS E, F, AND G

Designed to meet the challenges of hazardous atmospheres, this 20 cm (8 in) blower/exhauster has a totally enclosed hazardous location motor rated TEAO X-Proof, and an anti-static, glass-reinforced, carbon-filled housing.

RAMFAN Intrinsically Safe Blower Exhauster Features

- Ultra-quiet .3 HP, 115 VAC motor.
- Anti-static 7.6 m (25 ft) duct in quick-couple canister attaches to either end of fan.
- Comes with standard 3-prong plug or Killark 125 VAC 60 Hz explosion proof plug.



Item #	Model
575825	UB20XX w/Standard Plug
575925	UB20XX w/Killark Explosion Proof Plug

Output: 980 CFM (1,666 m³/hr)

Dimensions: 36 x 30 x 33 cm (14 x 12 x 13 in)

Weight: Blower/Exhauster - 11 kg (25 lb), Duct and Canister - 13 kg (29 lb)

NOTE: It is the responsibility of the user to know the classification of any location or environment and to determine if the fan is safe to use.

RAMFAN UB20 Manhole Entry System



A complete system for ventilating manholes and vertical confined spaces while allowing easy entry and exit. The saddle vent allows unobstructed airflow through a vertical opening and the duct can be attached to it above or below ground.

Ramfan Ub 20 Manhole Entry System Includes

- UB20 Blower/Exhauster with Saddle Vent and Mount and 90-degree Elbow
- Quick Couple Canister with 152 x 20 cm (5 ft x 8 in) duct and 457 x 20 cm (15 ft x 8 in) duct

Power: 115 VAC | **Output:** 980 CFM (1,666 m3/hr)

Weight: Saddle vent, elbow, mount, ducts, canister: 20 kg (44 lb), Blower/Exhauster: 8.6 kg (19 lb)



Item # 575115

Panduit Lockout/Tagout Kit

This kit includes three locks with red label, three long shackle locks with red label, one 25 mm (1 in) multi-lock adapter, one multi-lockout device, three wall switch lockouts, three circuit breaker lockouts, three plug lockouts, 15 tagout tags with ties, one lockout regulator, one screwdriver and carrying case.

Item #	Weight
509001	2.3 kg (5.1 lb)



EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

Savox Con-Space USAR Task Force Kit



A versatile, hardline communications kit that adapts to the requirements of confined-space, high-angle, structural-collapse and trench-rescue operations.

Savox Con-Space USAR Task Force Kit Features:

- All components are rugged and intrinsically safe.
- Works well with respiratory equipment and protective clothing.
- Can be configured for up to five persons.
- Power Talk Box allows immediate communication of a victim in a trench or confined space.
- Rescue probe can be lowered into tunnels or mines or pushed into collapsed structures to communicate with trapped victims.
- Reliable hardline communications assures effective command and control in high-noise and hazardous environments.

Item #	Weight
540014	74.8 kg (165 lb)



USAR Task Force Kit Includes

- CSI-1100 Mini Module
- CSI-2100 Command Module
- CSI-2131 Power Talk Box
- CSI-2105 Power Talk Box Controller
- Double Cable Splitter with Mic Switch
- Operator Headset – Single-Side, 81 cm (32 in)
- Heavy Duty Clothing Clip
- Facemask Rescue Set (4)
- Speaker Harness (4)
- Operator Extension Cable with Mute Switch, 6 m (20 ft)
- Cable with Connectors, 15 m (50 ft)
- Cable with Connectors (8), 30 m (100 ft)
- Cable with Connectors, Strain Relief and Snap Hook (4), (not shown) 30 m (100 ft)
- Expansion Cable with Connectors, 46 cm (18 in)
- Cable with Mute Switch, 30 cm (1 ft)
- Power Talk Box Remote Foot Switch Option
- Umbilical Cover – Black, 30 m (100 ft)
- Umbilical Cover – Red, 30 m (100 ft)
- Umbilical Cover – Blue, 30 m (100 ft)
- Umbilical Cover – Orange, 30 m (100 ft)
- Rescue Probe
- Probe Interface Cable 7.6 m (25 ft)
- Probe Headset (behind head) Double Sided, with Mute
- Probe Cord with Snap Hook, 15 m (50 ft)
- Rope Coupler for Probe
- Boom Mic Windscreen
- CSI-1100 Carrying Bag (soft)
- Cable Bag (4), 91 m (300 ft)
- Task Force Kit Case

About Savox Con-Space Communications Kits

- Simple to use
- Lightweight and portable
- Self-powered
- Completely waterproof
- Chemical resistant
- Intrinsically safe
- Rugged construction

The rugged communication systems from Con-Space are full-duplex, which means everybody on the system can speak to each other as if they were on a hands-free telephone call.

Con-Space Systems can be used with any type of breathing apparatus, even in high-noise environments. The triple-shielded cable ensures reliable communication to a maximum of 457 m (1,500 ft) in areas where wireless systems do not work effectively. This hardware system eliminates dead spots and interference.

Fully compliant to OSHA 29 CFR Part 1910.146 Permit Required Confined Spaces.

Intrinsically Safe Approved Class I, II, III; Division 1 and 2, Groups A, B, C, D, E, F, G.

Available in limited areas with CE Certification for international customers.

Savox Con-Space Rescue Kit 1P



This kit is designed to meet the needs of five personnel: Two entrants (two in), two standby entrants (two out), and a safety attendant. It includes cable for a 30 m (100 ft) entry per entrant. Additional cables may be attached for entries up to 457 m (1,500 ft). The system can be expanded for up to 14 users.

Savox Con-Space Rescue Kit 1P Includes

- CSI-2100 Command Module
- CSI-2131 Power Talk Box
- Operator Headset, Single Side, 18 cm (32 in)
- Double Cable Splitter with Mic Switch
- Rescue Facemask Com Set with Universal Speaker (4)
- Speaker Harness (4)
- Operator Cable with Mic Mute Switch, 6 m (20 ft)
- Operator Cable with Mic Mute Switch, 30 cm (1 ft)
- Cable with Connectors, 15 m (50 ft)
- Cable with Connectors, Strain Relief and Snap Hook (4), 30 m (100 ft)
- Cable Bag for 30 m to 91 m (100 ft to 300 ft) of Cable



Item #	Weight
540007	29.7 kg (65.6 lb)

Savox Con-Space Cable

Cables: 30 m (100 ft) cables with connectors that can be used to extend the entry distance of a Savox Con-Space System up to 457 m (1,500 ft).



Umbilical Cover: Designed to contain a breathing air-line, communication cable and safety line, making line management easier. Constructed of abrasion- and chemical-resistant polyester web with a heavy-duty zipper. Safety line can run on the outside, secured with hook-and-loop straps, allowing quick disconnect for a retrieval or rescue.

Length: 30 m (100 ft)

Item #	Description	Weight
540110	Orange Cable w/Connector	2.3 kg (5 lb)
540210	Black Umbilical Cover	3 kg (6.7 lb)

Contact CMC Customer Support for the Full Line of Savox Con-Space Products

Protecto Cable Wrap



Polyester mesh tubing that is less expensive and less bulky than other alternatives.

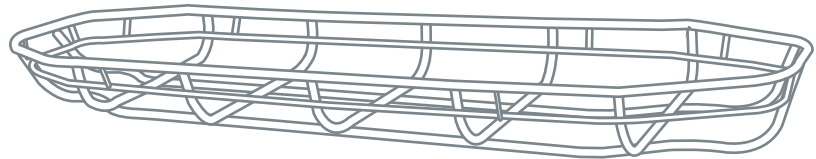
Protecto Cable Wrap Features

- Slides easily around corners and won't catch on obstructions.
- No zippers to fail or hook-and-loop to open at the wrong time.
- Won't absorb liquids and is easy to clean.
- Different colors aid in identifying lines.
- Fits bundles 12.7 to 32 mm (.5 to 1.25 in) in diameter.

Weight: 1.8 kg (4 lb) | **Length:** 76 m (250 ft)

Item #	Color
548002	Blue
548003	Red
548005	Black
548007	Yellow





PATIENT TRANSPORT

CMC's innovative patient transport products help rescuers put the patient first. These tools allow rescuers to achieve their dual objectives of patient care and rapid extraction. CMC's patient packaging devices assist with securing patients safely and efficiently with features like quick-connect buckles and color coded webbing. Litter technology also adds greater versatility in patient transport. StratLoad attachment points allow litters to more easily overcome rock walls and other obstacles. Wheels can be affixed for travel over rugged terrain. Litter shields protect patients from the elements and litter harnesses support vertical lifts and helicopter operations. With equipment designed for maximum safety, quick deployment and comfortable transport, rescuers can move fast while maintaining a high standard of patient care.

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SYSTEMS
AND KITS

PATIENT
TRANSPORT

PERSONAL
GEAR

Stainless Steel Rescue Litter



This refined design represents a complete re-thinking of the classic Stokes military-style litter.



Rescue Litter Features

- SträtLoad™ Attachment Points keep connecting carabiners and bridle inside top litter rail.
- A full 1-inch diameter top rail makes litter easier to handle when carried for extended periods.
- The Durathene™ netting bottom eliminates cuts and scrapes caused by broken wires.
- The back support is molded, high-density polyethylene.
- Steep sides allow a narrower overall litter, while maintaining the same bed width to accept standard-size backboards.
- Narrow width and rounded ends allow greater maneuverability in tight locations.
- Includes four quick-attachment litter straps.

3 Sigma MBS: Vertical: 30 kN (6,744 lbf) | Horizontal: 14 kN (3,147 lbf)

Item #	Model	Length	Width	Height	Load Rating	Weight
726100	Tapered	211 cm (83 in)	58 cm (23 in)	18.5 cm (7.5 in)	11 kN (2,473 lbf)	14.1 kg (31 lb)
726101	Rectangular	211 cm (83 in)	58 cm (23 in)	18.5 cm (7.5 in)	11 kN (2,473 lbf)	14.1 kg (31 lb)

Stainless Steel Split-Apart Rescue Litter



A split-apart version of the Stainless Steel Rescue Litter.

Split-Apart Rescue Litter Features

- All features of the Stainless Steel Rescue Litter.
- Quick and easy to assemble and disassemble.
- Two sections hinge together at bottom and are secured by integrated threaded and locking collars on top rail.
- Locking collar design eliminates pins that can become lost or damaged.
- Length when nested is less than 114 cm (45 in).



3 Sigma MBS: Vertical: 30 kN (6,744 lbf) | Horizontal: 14 kN (3,147 lbf)

Item #	Model	Length	Width	Height	Load Rating	Weight
726103	Tapered	211 cm (83 in)	58 cm (23 in)	18.5 cm (7.5 in)	11 kN (2,473 lbf)	6 kg (36 lb)
726104	Rectangular	211 cm (83 in)	58 cm (23 in)	18.5 cm (7.5 in)	11 kN (2,473 lbf)	6 kg (36 lb)

Titanium Rescue Litter



UL CLASSIFIED TO NFPA 1983 - LITTER

Impressively light and strong, the titanium litter is 8.16 kg (18 pounds) lighter than the Stainless Steel Rescue Litter.



Titanium Rescue Litter Features

- Tapered shape with SträtLoad™ Attachment Points and all of the other features of the Stainless Steel Rescue Litter.

3 Sigma MBS: Vertical: 30 kN (6,744 lbf) | Horizontal: 14 kN (3,147 lbf)

Item #	Model	Length	Width	Height	Load Rating	Weight
726112	Tapered	211 cm (83 in)	58 cm (23 in)	18.5 cm (7.5 in)	11 kN (2,473 lbf)	5.9 kg (13 lb)

Titanium Split-Apart Rescue Litter



UL CLASSIFIED TO NFPA 1983 - LITTER

This split-apart version of the Titanium Rescue Litter is ideal for use in backcountry and helicopter operations.



Split-Apart Titanium Rescue Litter Features

- SträtLoad™ Attachment Points and all of the other features of the Stainless Steel Spit-Apart Rescue Litter.
- 9.07 kg (20 lb) lighter than the Stainless Steel Split-Apart Litter.
- A backpack for carrying split-apart litter is available (not included).

3 Sigma MBS: Vertical: 30 kN (6,744 lbf) | Horizontal: 14 kN (3,147 lbf)

Item #	Model	Length	Width	Height	Load Rating	Weight
726117	Tapered	211 cm (83 in)	58 cm (23 in)	18.5 cm (7.5 in)	11 kN (2,473 lbf)	7.3 kg (16 lb)



The Advantage of SträtLoad™ Attachment Points

The patented SträtLoad Attachment Points keep an attaching carabiner and lifting bridle on the inside of the litter's top rail, protecting them from abrasion along cliff faces or walls. SträtLoads also orient the direction of pull along the spine of the carabiner, where it is strongest. SträtLoads are 6 mm (.25 in) thick with a rounded inside edge, allowing the option of a soft attachment. SträtLoads are standard on all stainless steel and titanium litters.

Disaster Response Litter



Disaster Response Litter Features

- Tubular runner rails extend the full length of bottom to provide a durable, strong base.
- Powder-coated steel construction.
- Durathene™ netting insert.
- A cost-effective option when litter is only needed for occasional use.
- The narrower confined space version fits through tight openings.

This medium-duty, economical litter has been designed for durability and versatility.



Item #	Model	Color	Dimensions	Load Rating	Weight
726300	Tapered	Black	12 x 62 x 18.5 cm (83.5 x 24.25 x 7.25 in)	4 kN (900 lbf)	12.7 kg (28 lb)
726301	Rectangular	Black	12 x 62 x 18.5 cm (83.5 x 24.25 x 7.25 in)	4 kN (900 lbf)	12.7 kg (28 lb)
726305	Confined Space	Black	12 x 62 x 18.5 cm (83.5 x 24.25 x 7.25 in)	4 kN (900 lbf)	12 kg (26 lb)

Traverse Advantage Plastic Litter



Internal stainless steel frame with polyethylene shell that protects the patient and provides a smooth surface for sliding.

Traverse Advantage Plastic Litter Features

- SträtLoad™ Attachment Points.
- Shell attaches to top rail, with cutouts for carrying.
- Second rail is unobstructed for patient tie-in.
- 22 mm (.875 in) top rail is comfortable to carry.
- Closed-cell foam patient pad prevents absorption of fluids and stands up to strong cleaning.



Item #	Dimensions	Load Rating	Weight
726125	216 x 60 x 19 cm (85 x 23-1/2 x 7-1/2 in)	11.1 kN (2,500 lbf)	13.2 kg (29 lb)

Traverse Mule II Litter Wheel



Provides great leverage and easy transport with a large, lightweight, all-terrain wheel.



MULE

Deployed: 81 x 66 x 70 cm (32 x 26 x 27.5 in)

Stored: 81 x 66 x 47 cm (32 x 26 x 18.5 in)

Load Limit: 227 kg (500 lb)

MULE WITH HANDLES

Deployed: 245 x 70 x 70 cm (96.5 x 27.5 x 27.5 in)

Stored: 93 x 70 x 47 cm (36.5 x 27.5 x 18.5 in)

Load Limit: 227 kg (500 lb)

Traverse Mule II Litter Wheel Features

- Ratchet securing system locks any rigid litter with two straps and two rubberized hooks.
- ATV wheel tracks easily and absorbs shock for added patient comfort.
- Available with or without handles.
- Adjustable handles lock into position with quick-release pins on wire lanyard.
- Aluminum frame with stainless steel axle.
- Wheel removes quickly and fits inside frame for compact storage and transport.

Item #	Model	Weight
331601	Without Handles	19 kg (41 lb)
331602	With Handles	23 kg (51 lb)

Vertical-Lift Litter Harness



Designed for use in confined spaces and tight openings where lift usually ends with a 90-degree transition.



Vertical-Lift Litter Harness Features

- Eases transition over an edge when high anchor point is not available.
- Improves patient care while reducing risk and manpower requirements.
- Unique spreader bar allows litter to pivot between side straps as head of litter clears edge.
- Straps with adjustment buckles are made of 25 mm (1 in) flat web with tensile strength of 26.7 kN (6,000 lbf).
- Delta Quick-Link connection point included.

Item #	Color	Weight
724133	Orange	1.3 kg (2.8 lb)

Litter Shield



Protects patient's faces and head from falling rocks, brush, and inclement weather without compromising access or visibility.



Litter Shield Features

- Mounts on top litter rail and pivots to nest inside litter for transport and storage.
- Quick-release pin allows complete removal.
- Sides secure with hook-and-loop straps.
- Molded of thick Lexan® for high impact resistance with clarity and durability of glass.
- Reduces need for other head and face protective gear.
- Proven through years of use in the field.

Item #	Description	Weight
740000	Litter Shield	1.4 kg (3.1 lb)
740011	19 mm Clamp for Disaster Response, Gazelle & Junkin litters	77 g (.17 lb)
740017	22 mm Clamp for Traverse Advantage Litter	68 g (.15 lb)
740016	25 mm Clamp for Stainless and Titanium Litters	68 g (.15 lb)
740012	35 mm Clamp for plastic-covered rails - Ferno type	85 g (.19 lb)
740015	Replacement Pin	60 g (.13 lb)

Litter Shield Plus



A taller shield protects patients from further trauma during litter evacuations and carry-outs.



Litter Shield Plus Features

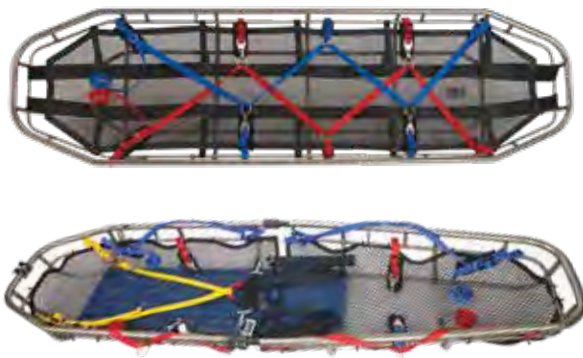
- Mounting bracket fits most litters and eliminates need for a railing clamp.
- Sides secure with hook-and-loop straps.
- Helps reduce "closed-in" feeling experienced by some patients.
- Molded of thick Lexan® for high impact resistance with clarity and durability of glass.
- Reduces need for other head and face protective gear.

Item #	Model	Weight
740005	For CMC Stainless and Titanium Litters	2.7 kg (6 lb)
740001	For CMC Disaster Response and Junkin Litters	2.7 kg (6 lb)

Patient Tie-In System



Save critical patient packaging time with this quick and easy system for securing a patient.



Patient Tie-In System Features

- Light weight and adjustable to meet patient's comfort requirements.
- Versions available for one- and two-piece litters.
- Can be used for patient on backboard.
- Color-coded web makes securing patient quick and intuitive.
- Available pelvic harness supports patient's weight when litter is placed in head-up position, includes stuff bag.

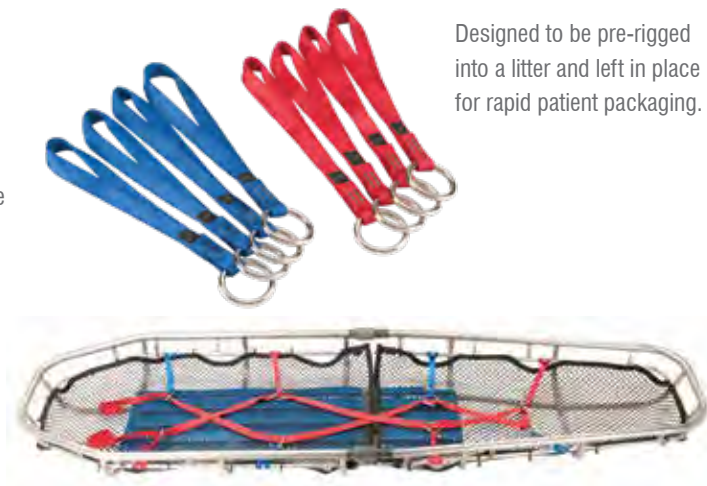
Item #	Description	Color	Weight
724151	For One-Piece Litter	Red/Blue	1.2 kg (2.8 lb)
724152	For Two-Piece Litter	Red/Blue	1.3 kg (3 lb)
724153	Pelvic Harness and Bag	Yellow/Black	1.1 kg (2.5 lb)

Fastloops™ Litter Straps



FastLoops Litter Straps Features

- Intended for use with a 6 m (20 ft) length of 25 mm (1 in) tubular web (not included) laced through the attached O-rings.
- Plated steel O-rings allow easy tensioning without the friction and wear of web-on-web contact.
- Loops are sewn with a half-twist in the web for attachment to litter rail with a girth hitch.
- Can be left in place when storing litter, but easily removable for inspection or cleaning.
- Color coded to aid in lacing.
- Sold in sets of 8 (4 red and 4 blue).



Designed to be pre-rigged into a litter and left in place for rapid patient packaging.

Item #	Size	Color	Breaking Strength Per Loop	Weight/Per set of 8
724159	1 x 11 in	Red/Blue	6.67 kN (1,500 lbf)	363 g (.8 lb)

ProSeries® Litter Harness



UL CLASSIFIED TO NFPA 1983 - GENERAL USE

ProSeries Litter Harness Features

- Parachute buckles on each leg allow independent adjustment.
- Litter can easily be set at best angle for conditions or patient comfort.
- Heavy-duty O-ring tie-in point.
- Includes 3 m (10 ft) tender line of CMC Static-Pro Lifeline and storage bag.
- Carabiners not included.

Item #	Color	3 Sigma MBS	Weight
724121	Black	76 kN (17,084 lbf)	2.3 kg (5.1 lb)



A fully adjustable litter harness intended for use with a rigid litter, includes red stuff bag.

Rescue Litter Harness



Item #	Color	MBS	Weight
724131	Red/Blue	32 kN (7,194 lbf)	1.4 kg (3 lb)

Designed for high-angle rescues where minimum weight is important, such as backcountry rescues and air operations.

Rescue Litter Harness Features

- Cam buckles on each leg allow independent adjustment.
- Litter can easily be set at best angle for conditions or patient comfort.
- System ropes can be attached directly to included 54 kN (12,139 lbf) Delta Quick-Link.
- Includes 3 m (10 ft) tender line of CMC Static-Pro Lifeline and nylon storage bag.
- **NOTE:** Carabiners not included

Low-Angle Litter Harness



Low-Angle Litter Harness Features

- Center strap provides an adjustable backup to the side straps.
- Side straps attach to cross bars below top litter rail.
- Made of 44 mm (1.75 in) flat web with tensile strength of 44.5 kN (10,000 lbf).
- Fits most litters.
- Nylon storage bag included.
- **NOTE:** Carabiners not included

Fits on the outside of a litter to provide greater stability than setups with carabiners connected directly to the litter railing.



Item #	Color	Weight
724123	Blue	992 g (2.2 lb)

Litter Insert



Designed to fit most litters, this insert creates a bed to maintain support and greatly increase patient comfort.



Litter Insert Features

- Can easily be removed for storage, making it practical for split-apart litters.
- Available for tapered and rectangular litters.
- Available in either heavy-duty Cordura® nylon or durable, breathable vinyl mesh.

Item #	Model	Color	Weight
724102	Mesh, Tapered	Black	1.3 kg (2.8 lb)
724103	Cordura, Tapered	Orange	1.3 kg (2.8 lb)
724106	Mesh, Rectangular	Black	1.4 kg (3 lb)
724107	Cordura, Rectangular	Orange	1.4 kg (3 lb)

Sked® Stretcher Flotation System



A flotation system for the Sked Stretcher, designed to keep the patient nearly vertical.



Sked Stretcher Flotation System Features

- Designed to allow loading patient in the water.
- Self-righting to keep patient's head above water, even in rough seas.
- Fits full size and pediatric Sked Stretchers.

Item #	Color	Weight
756001	Orange	10.2 kg (22.5 lb)

Litter Cover



Designed for use when teams need to mount a litter on the outside of their response vehicle.



Litter Cover Features

- Constructed from exterior-grade vinyl material, this cover offers protection from rain and UV, but is not fully waterproof.
- Oversize to allow easy removal and storage of bulky items.
- Made of exterior-grade vinyl material.

Dimensions: 216 x 61 x 28 cm (85 x 24 x 11 in)

Item #	Color	Weight
724104	Orange	3 kg (6.6 lb)

Litter Flotation Collar

A lightweight collar to provide flotation assistance during patient handling.



Litter Flotation Collar Features

- Two-piece design for quick installation on most litters.
- Provides 290 N (65 lb) of buoyancy to keep patient afloat.
- Made of durable, latex-free PVC (vinyl) coated polyester.

Item #	Color	Length	Weight
726210	Yellow	130 cm (51 in)	1.4 kg (3.06 lb)

Sked® Basic Rescue System



Compact storage, ease of use, and flexibility of transport make this system popular with fire departments, rescue squads, the military and ski patrols.

Sked Basic Rescue System Features

- Made from a single sheet of heavy plastic, stretcher becomes rigid when folded around patient.
- Variety of included handles and straps allow stretcher to be carried, lifted by rope system or helicopter, or towed with stretcher sliding on its smooth bottom surface.
- Storage bag is 91 cm (36 in) long and 23 cm (9 in) in diameter.



Sked Basic Rescue System Includes

- Stretcher
- Cordura® nylon backpack towing harness
- 2 straps
- Horizontal lift sling
- Vertical lift sling
- 1 large steel carabiner
- 4 removable web handles
- Storage bag

Item #	Color	Weight
752001	Orange	8.2 kg (18 lb)

Sked® Basic Rescue System With Cobra™ Buckles



The Sked Basic Rescue System upgraded with aluminum Cobra Quick-Release Buckles.



Sked Basic Rescue System with Cobra Buckles Features

- Cobra buckle system eliminates need to weave web through buckles when packaging a patient, often cutting loading time in half.
- Lightweight side-release buckles rated at 13.3 kN (3,000 lbf) and difficult to release under tension.

Item #	Color	Weight
752201	International Orange	8.6 kg (19 lb)

Sked-Evac Cobra™ Buckle Conversion Kit



A kit switching Sked Stretcher steel buckles to Aluminum AustriAlpin Cobra™ Quick-Release Buckles.

Sked-Evac Cobra Buckle Conversion Kit includes

- Six Aluminum Quick-Release Buckles with required web straps
- Replacement straps girth hitch to Sked Stretcher for easy installation

Item #	Color	Weight
752060	Black	.9 kg (2 lb)

CMC/Skedco® Drag-N-Lift Harness™



UL CLASSIFIED TO NFPA 1983 - CLASS III VICTIM EXTRICATION DEVICE

PATENTED

CMC-Skedco Drag-N-Lift Harness Features

- Vertical lift attachment points designed for use with lifting bridle or spreader bar.
- Drag sheet becomes rigid when curved around patient.
- Integrated harness assembly restrains patient securely.
- Padded back and leg loops provide patient comfort.
- Color-coded straps and Steel Snap-Hook Buckles expedite patient packaging.
- Handles on sides, top, and bottom facilitate movement and positioning.
- X-ray translucent and easy to clean.
- Heavy-duty Cordura® nylon storage bag included.
- Compatible with Skedco Oregon Spine Splint (OSS II) and cervical collar (not included).
- Spreader bar is recommended for proper use.



A quick extrication device that is designed for use in confined spaces when spinal immobilization is not a priority or requirement.

Dimensions (Packed): 122 x 25 cm (48 x 10 in)

Item #	Item	Color	Weight
721800	Without Spreader Bar	Orange/Grey	5.4 kg (12 lb)
721805	With Spreader Bar	Orange/Grey	6.35 kg (14 lb)

SEE MORE

Spreader Bar

Spreader bar is recommended for proper use of the Drag-N-Lift harness. See Page 22.



Half-Sked® Patient Drag



Developed for extricating patients from spaces too tight or restricted for use of full-size stretchers.

Half-Sked Patient Drag Features

- Allows rescuers to bend patient at the hips for greater flexibility in turning corners in caves or confined spaces.
- 50 mm (2 in) chest and leg straps with side-release buckles make patient packaging quick and secure.

Item #	Color	Weight
752008	Orange	3.7 kg (8.1 lb)

HMH Sked® Stretcher



A compact, decontaminable, durable, and adaptable stretcher designed for use in mass-casualty and hazardous materials incidents.

HMH SKED Stretcher Features

- Can be rapidly deployed by one person and dragged over virtually any terrain, including stairwells.
- Made of medium-density polyethylene plastic that withstands high temperatures and is unbreakable at temperatures down to -84° C (-120° F).
- Can be stored flat on pallets with straps packaged separately for quick movement to an incident.
- Patient can quickly be rolled onto stretcher and pulled out of the hot zone, even if rescuer is wearing Level A or Level B protective suit.
- 50 mm (2 in) side-release buckles operate with thick gloves.
- Polypropylene straps are resistant to chemicals.

Item #	Color	Weight
752507	Yellow	6.1 kg (13 lb)

LSP Half-Back Extrication/Lift Harness



An effective tool for vertical extrication from a confined space that provides complete spinal immobilization with anatomically correct head support.

LSP Half-Back Extrication/Lift Harness Features

- Leg straps provide lower-body support during vertical lift.
- Six handles for easy maneuverability.
- Color-coded ballistic nylon straps for easy patient packaging.
- Compatible with CMC Spreader Bar and Miller Full Body Splint (sold separately).
- Optional carrying case sold separately.

Item #	Description	Weight
721710	Half-Back Harness	5 kg (11 lb)
721711	Vertical Lift Assembly	850 g (1.8 lb)
721716	Carrying Case	

Spec Pak Patient Extrication System



A unique patient packaging and extrication system combining a short spine board with the support of a full-body harness.

Spec Pak Patient Extrication System Features

- Polyethylene backboard for rigidity and smooth sliding surface.
- Side and head handles ease movement and positioning.
- Self-adjusting cervical restraint eliminates problems associated with vertical lift of a patient secured to a backboard.
- Straps allow stabilization of patient without use of a full litter.
- Included Spec Pak Lifting Bridle allows horizontal, semi-sitting, and semi-vertical positioning of patient.
- Lifting Bridle storage bag included.



Item #	Color	Weight
721903	Color Coded	7.3 kg (16 lb)

Skedco Oregon Spine Splint II



A vest-type extrication and immobilization device designed for use with the Sked Stretcher.

Skedco Oregon Spine Splint II Features

- Immobilizes head and cervical spine and functions as a long spine board when used with a Sked Stretcher (not included)
- Includes shoulder board to prevent compression of patient in Sked Stretcher
- Fits inside a rolled-up Sked Stretcher
- X-ray translucent and can be cleaned with common bleach solutions



Item #	Color	Weight
753001	Orange	4.8 kg (10.6 lb)

Ferno® Fastrap™ Quick Restraint System



A ten-point, five-strap system to quickly and effectively secure patients to backboards or other devices.

Ferno Fastrap Quick Restraint System Features

- Color-coded straps made of nylon with hook-and-loop closures.
- Wide range of adjustment, from pediatric to adult.
- Includes strap to secure patient's wrists.



Pictured with Ferno Millennium Backboard (not included)

Item #	Color	Weight
726477	Color Coded	964 g (2.1 lb)

Ferno® Millennia™ Backboard



Ferno Millennia Backboard Features

- Sealed construction is highly resistant to fluids, chemicals, and extreme temperature.
- Ten X-ray translucent polycarbonate speed-clip pins allow a variety of strapping configurations.

A compact, tapered backboard for easy maneuverability and storage with less deflection for improved patient stabilization.



Item #	Rated Capacity	Dimensions	Weight
726400	159 kg (350 lb)	183 x 41 x 5 cm (72 x 16 x 2 in)	5 kg (11 lb)

LSP Miller Full-Body Splint



LSP Miller Full Body Splint Features

- Hook-and-loop straps for rapid immobilization of patient are secure and compact enough to allow patient to be tipped or rolled to fit through tight spaces.
- Split-leg design fits Stokes-type litters and allows each leg to be secured separately.
- X-ray translucent.

A full-body splint that can be used to extricate a patient, and then tied into a litter for evacuation.



Item #	Color/Description	Dimensions	Weight
721100	Yellow/Black	168 x 36 cm (66 x 14 in)	6.8 kg (15 lb)

Laerdal Stifneck® Select



A superior quality extrication collar recommended for use with the Oregon Spine Splint



Laerdal Stifneck Select Features

- Wide range of adjustment, from no-neck to tall.
- Secure locking mechanism and molded-in instructions for ease of use.
- Fits OSS II carrying case and CMC carrying case for Miller Full Body Splint.

Item #	Weight
758207	150 g (.3 lb)

LSP Cinch Rescue Collar

When loaded, the victim's weight releases connector, letting the collar "cinch" around the victim.



LSP Cinch Rescue Collar Features

- Victim can enter collar from either side.
- Can be deployed from helicopter, land, or watercraft.
- Can be used as a life ring buoy with the added capability of gripping the victim.
- Inside diameter when open is 51 cm (20 in).
- Includes carrying case.

Item #	Color	Weight
721593	Yellow/Black	1.9 kg (4.8 lb)

Ferno® Quick-Connect Backboard Straps



Designed for use with the Ferno Millennium Backboard and other backboards with pins.



Ferno Quick-Connect Backboard Straps Features

- 50 mm (2 in) wide straps with brass speed clips.
- Seatbelt-style buckles for quick and secure patient packaging.

Item #	Length	Weight
726401	152 cm (60 in)	127 g (.28 lb)

Cearley Rescue Strap®



Designed to rapidly secure a victim under difficult conditions. While this device may appear simple, it has been carefully developed and refined through years of use by firefighters and rescuers.



Item #	Length	MBS	Weight
201104	152 cm (60 in)	35 kN (7,868 lbf)	136 g (.3 lb)

Rescue Buoy

A USCG-approved ring buoy with durable nylon vinyl skin and urethane foam core that's resistant to gasoline, oil, and most chemicals.



Diameter: 61 cm (24 in) | **Color:** Intl. Orange

Item #	Model	Weight
710241	Ring Buoy	1.6 kg (3.5 lb)
710249	Ring Buoy w/Reflective Tape	1.6 kg (3.5 lb)

Rescue Tube



Super-soft, one-piece polypropylene body coated with heavy marine vinyl for maximum durability.

Rescue Tube Features

- Nylon security lines and stainless steel hardware.
- USCG-approved bronze snap hook will not rust or corrode.

Dimensions: 91 x 15 x 6 cm (36 x 6 x 2-1/2 in)

Item #	Color	Weight
710080	Intl. Orange	1.1 kg (2.3 lb)

Rescue Can

A classic lifeguard rescue can.



Rescue Can Features

- Six easy-to-hold handles.
- Recessed cavity with hook-and-loop strap for storing pocket mask (not included).
- Lightweight design for less drag.

Item #	Dimensions	Weight
710082	70 x 22 cm (27-1/2 x 8-1/2 in)	1.7 kg (3.8 lb)

Carlson Design Rescue Board

An oversize flotation board designed for swiftwater rescue.



Carlson Design Rescue Board Features

- Four handles for solid grip and maximum control.
- Armored tails and sealed rails for increased durability.
- Made of closed-cell foam with hard plastic bottom.
- Materials will not absorb water.

Dimensions: 145 x 58 x 13 cm (57 x 23 x 5 in)

Item #	Color	Weight
479000	Green/Gray	5.7 kg (12.6 lb)

Ferno® Rescue Emergency Dummy (Fred)



This valuable aid simulates handling and carrying a person during rescue training.

Ferno Rescue Emergency Dummy (FRED) Features

- Fill with sand/sawdust mixture to maximum usable weight of 55 kg (121 lb).
- Heels are reinforced to resist damage during dragging.
- Hook-and-loop rings on hands and abdomen keep dummy secured when moved.
- Integrated carry straps on shoulders and knees.
- Heavy-duty zipper with hook-and-loop closure around filler opening.
- 145 cm (57 in) long when fully stuffed.
- Made of heavy-duty, water-repellent ripstop PVC with heavy UV-resistant stitching.

Item #	Weight
726700	1.7 kg (3.75 lb)

Simulaids Rescue Manikins

The best way to simulate reality in rescue training without using a live subject.

Simulaid Rescue Manikin Features

- Fully articulated bodies can be placed in any conceivable position.
- Head and body are made of rugged, waterproof, flexible, life-like vinyl.
- Interior coated stainless steel cables have tensile strength of 18.7 kN (4,200 lbf).
- Variety of available models simulate a child and different size adults.
- Heaviest model has additional reinforcement.
- Buoyancy of water rescue model can be adjusted by adding weight to abdomen.
- Official manikins of the Firefighter Combat Challenge.



Item #	Model	Height	Weight	Ships By
781338	Rescue Randy	165 cm (5 ft 5 in)	24.9 kg (55 lb)	UPS
781335	Rescue Randy	165 cm (5 ft 5 in)	47.6 kg (105 lb)	UPS
781344	Rescue Randy Combat Challenge	165 cm (5 ft 5 in)	65.8 kg (145 lb)	Truck
781345	Rescue Randy Combat Challenge	165 cm (5 ft 5 in)	74.8 kg (165 lb)	Truck
781475	I.A.F.F Rescue Randy I.A.F.F	185 cm (6 ft 1 in)	74.8 kg (165 lb)	Truck
781355	Rescue Jennifer Juvenile	122 cm (4 ft)	7.2 kg (16 lb)	UPS
781326	Adult Water Rescue Manikin	165 cm (5 ft 5 in)	18.1 kg (40 lb)	UPS

Note: Only the Water Rescue Manikin should be used in the water.

Shipping Manikins: To save freight expense for our customers, manikins are drop shipped from the factory. When possible, we ship freight collect. For government customers we can ship prepaid and add shipping to the invoice. Please allow several weeks for delivery.





PERSONAL GEAR

On missions, personal gear is critical for protection and performance. Outcomes are often determined by our level of preparation, and without adequate protection, rugged work conditions can take an exacting toll on the mind and body. What begins as mild discomfort can quickly escalate to distractions, lost time, and pain points. In worst case scenarios, rescuers and rope access technicians can become patients or liabilities.

Rope professionals can ensure safe and productive operations by choosing PPE and other equipment that maximize their ability to focus. CMC's personal gear and accessories provide the optimal balance of safety and comfort, durability and dexterity, versatility and functionality.

EDUCATION

HARNESSES
AND BELTS

HARDWARE

ROPE
AND WEB

ANCHOR
DEVICES

FIRE ESCAPE

HELICOPTER
OPERATIONS

BAGS AND
PACKS

SYSTEMS
AND KITS

PATIENT
TRANSPORT

PERSONAL
GEAR

NEW

Essential Glove

A glove that lets you do it all, the Essential Glove is feature-rich with touch screen compatible fabric and a thumb sweat wipe. This is CMC's most durable and longest-lasting glove. The leather palm protects from heat, moisture, cold, and abrasion; and a second layer reinforces high wear areas to withstand rope work, rappelling, and tool use. Point construction at the finger tips contours the glove around the hand, delivering dexterity through the full range of motion. The fit is further adjusted and securely fastened by a burly Velcro wrist closure over an elastic cuff. The back of the glove is breathable mesh for keeping hands cool and dry. When not in use, the Essential Glove can be clipped to harnesses and packs through the carabiner hole in the wrist cuff. The Essential Glove lets you do more with your gloves on, minimizing distractions, delays, and exposure at the job site.

Essential Glove Features

- Touch screen fabric in the pointer finger and thumb allow screen use with gloves on.
- Sweat wipe terry cloth material on the thumb is ideal for wiping away sweat and dirt.
- Leather palm is high durability and protects from abrasion and harsh conditions.
- Leather reinforcements provide a second layer that is built to withstand rappelling and tool use.
- Point construction provides a molded fit that continues to fingertips for added dexterity.
- Breathable mesh backing keeps hands cool and dry.
- Velcro wrist closure fully adjusts and secures fit.
- Carabiner clip point on the wrist cuff allows quick and easy storage.

Item #	Color	Size
250401	Gray/Black	X-Small
250402	Gray/Black	Small
250403	Gray/Black	Medium
250404	Gray/Black	Large
250405	Gray/Black	X-Large
250406	Gray/Black	XX-Large



Rappel Glove

This glove offers advanced hand protection with the exceptional dexterity needed for tying knots and working with hardware.

Rappel Glove Features

- Double layer of leather at thumb web for protection when rappelling.
- Wear-resistant double palm guards against heat, cold, moisture, and abrasion.
- Anatomically segmented second layer eases grip fatigue.
- Pittard Armor-Tan leather and Kevlar® fiber stitching for extra durability.
- Spandex back ventilates while adding to flexibility and comfort.
- Elastic at wrist for secure fit.
- Carabiner loops sewn into wrist allowing hanging on harness.

Item #	Color	Size	Weight
250201	Tan/Black	X-Small	146 g (.32 lb)
250202	Tan/Black	Small	146 g (.32 lb)
250203	Tan/Black	Medium	146 g (.32 lb)
250204	Tan/Black	Large	146 g (.32 lb)
250205	Tan/Black	X-Large	146 g (.32 lb)
250206	Tan/Black	XX-Large	146 g (.32 lb)
250252	Black	Small	146 g (.32 lb)
250253	Black	Medium	146 g (.32 lb)
250254	Black	Large	146 g (.32 lb)
250255	Black	X-Large	146 g (.32 lb)
250256	Black	XX-Large	146 g (.32 lb)



EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

Riggers Glove

Riggers Glove Features

- Synthetic leather palm and pre-curved anatomical design offer a close, comfortable fit that makes it easy to work with knots and hardware.
- Mesh back adds comfort and keeps hands cooler.
- Elastic at wrist for secure fit.
- Carabiner loops sewn into wrist allowing hanging on harness gear loops.
- Machine washable.

Color: Black | **Weight:** 106 g (.23 lb)

Item #	Size
250302	Small
250303	Medium
250304	Large
250305	X-Large
250306	XX-Large

Offers the dexterity of a light glove with the durability and hand protection of a much heavier leather glove.



NRS Utility Glove



A superior performing glove for swiftwater rescue.

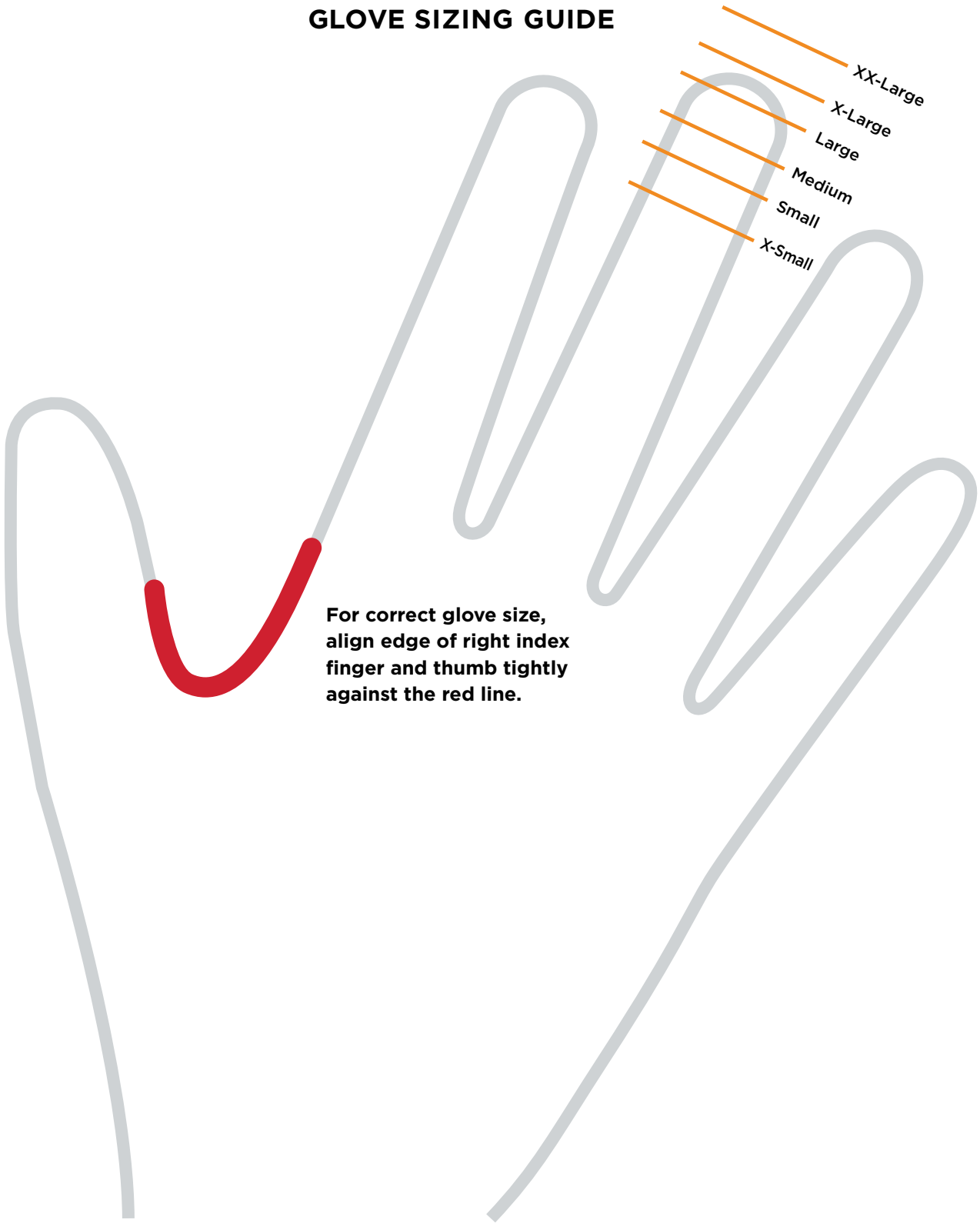
NRS Utility Glove Features

- Excellent combination of durability, warmth, and dexterity.
- 2 mm (.08 in) neoprene for warmth.
- Amara® synthetic leather armor patches on palm and fingers.
- Fitted, stretching slip-on cuff for easy on and off.
- Paring snaps on wrists help keep gloves together.

Color: Black | **Weight:** 113 g (.25 lb)

Item #	Size	Palm Width	Length
254102	Small	8 cm (3-1/4 in)	18 cm (7 in)
254103	Medium	9 cm (3-1/2 in)	19 cm (7-1/2 in)
254104	Large	9.5 cm (3-3/4 in)	19.5 cm (7-3/4 in)
254105	X-Large	10 cm (4 in)	20 cm (8 in)

GLOVE SIZING GUIDE



For correct glove size, align edge of right index finger and thumb tightly against the red line.

- XX-Large
- X-Large
- Large
- Medium
- Small
- X-Small

- EDUCATION
- HARNESSES AND BELTS
- HARDWARE
- ROPE AND WEB
- ANCHOR DEVICES
- FIRE ESCAPE
- HELICOPTER OPERATIONS
- BAGS AND PACKS
- SYSTEMS AND KITS
- PATIENT TRANSPORT
- PERSONAL GEAR

Kask Superplasma HD Helmet

ANSI Z89.1 / CSA Z94.1



HI-VIZ

A lightweight, compact, and extremely comfortable helmet designed for professional rescue and rope access operations.

Kask SuperPlasma HD Helmet Features:

- Outstanding ventilation through ten air intakes protected by aluminum anti-intrusion grills to deflect debris and water.
- Outer shell is made of high-density ABS plastic designed to withstand significant impact.
- Chinstrap fastening points with 4.98 kN (1,119 lbf) breaking strength.
- Special ring on side retractor strap for fastening helmet to a harness.
- Advanced shape of inner shell for improved durability and better fit.
- Up-N-Down system adjusts height and inclination, allowing correct positioning as well as proper fit.
- Polygiene® treated inner padding inhibits growth of odor-causing bacteria.
- Hi-Viz version features fluorescent colors and is equipped with reflective stickers and glow-in-the-dark headlamp clips to maximize visibility in dark conditions.
- SuperPlasma Visors are available in three lens styles for added protection (sold separately).
- Compatible with CMC Sunbrero (sold separately).
- Made in Italy.

Head Size: 51-62 cm (20-24.5 in)

Weight: 450 g (.99 lb)

Item #	Color
346200	White
346201	Orange
346202	Blue
346203	Red
346205	Black
346207	Yellow
346220	Hi-Viz White
346223	Hi-Viz Red
346226	Hi-Viz Lime
346227	Hi-Viz Yellow



Optional Visor

Weight: 70 g (.16 lb)

Item #	Color
346409	Smoke
346415	Clear
346425	Mirror

Kask Zenith Helmet

ANSI Z89.1 (E-RATED) / CSA Z94.1

Kask Zenith Helmet Features

- Protects against electrical hazards (E-Rated).
- Four-point eco-leather chinstrap with quick-release fasteners is non-allergenic and washable.
- Antibacterial treatment on interior padding.
- Breathable front pad absorbs moisture and is easily removable for washing.
- Up-N-Down adjustment system regulates height and inclination, allowing correct positioning as well as proper fit .
- Attachment loop in chin strap for clipping into a harness.
- Headlamp clips compatible with all elastic-band headlamps.
- Integrated attachment system for Kask visor and face shield (sold separately).
- Made in Italy.



A non-vented helmet with an ABS exterior shell that provides excellent protection.

Head Size: 53-63 cm (20-25 in) | Weight: 430 g (.94 lb)

Item #	Color
346310	White
346313	Red

Kask Helmet Decal Set

Customize a Kask Helmet while increasing night visibility.

Kask Helmet Decal Set Features

- High-quality reflective 3M decals tested and approved by helmet manufacturer
- Available in three versions: Fire Rescue, SAR, and USAR
- Each version includes one sheet of 12 decals that have been die-cut for easy installation
- Includes blank decals that can be customized with a permanent marking pen

Color: Reflective Silver/Black

Item #	Option
346701	Firefighter
346702	SAR
346703	USAR



Contact CMC Customer Support for the full line of Kask Products

Cascade Helmets

A superior quality swiftwater helmet that provides the wearer with a high level of protection.



Weight: 468 g (1.1 lb)

Item #	Size	Color	Head Size
347903	Medium	White	55–58 cm (21-1/2–23 in)
347904	Large	White	59–60 cm (23-1/4–23-3/4 in)
347905	X-Large	White	61–63 cm (24–24-3/4 in)
347933	Medium	Red	55–58 cm (21-1/2–23 in)
347934	Large	Red	59–60 cm (23-1/4–23-3/4 in)
347935	X-Large	Red	61–63 cm (24–24-3/4 in)
347973	Medium	Yellow	55–58 cm (21-1/2–23 in)
347974	Large	Yellow	59–60 cm (23-1/4–23-3/4 in)
347975	X-Large	Yellow	61–63 cm (24–24-3/4 in)

Cascade Helmet Features

- Extra foam padding to stand up to multiple impacts.
- Includes three different crown pads for a custom fit.
- Rain-gutter front drains water away from face.
- Unique neck-strap system holds helmet firmly in place.
- Special side slots make wearing sunglasses more comfortable.
- Lifetime guarantee.

ESS Striketeam XTO Rescue Goggles

ANSI Z87.1 CERTIFIED



Made by Eye Safety Systems, a leading manufacturer of fire, technical rescue, and tactical goggles.

ESS StrikeTeam XTO Rescue Goggles Features

- Aggressive ventilation slots reduce fogging when used in rain or for water rescue.
- Equipped with unique reusable Tear-Offs, plastic sheets that fit over the front of the lens to protect it and can be pulled off if needed to clear the lens quickly.
- Includes stick-on hook-and-loop pads to keep straps in place and two Tear-Offs.

Item #	Color	Weight
349610	Gray	204 g (.45 lb)

Sunbrero™



This popular brim fits over a helmet to block sun and rain from the face, ears, and back of neck. The lightweight and durable design has proven itself in the field over many years.

Sunbrero Features

- Black under-surface eliminates sun reflection.
- Wide elastic band with hook-and-loop adjustable strap grips securely to headlamp retainer clips on most helmets.

Weight: 136 g (.28 lb)

Item #	Color
492155	Black
492159	Gray



Alta Superflex™ Knee Pad

Alta Superflex Knee Pads Features

- Rubber caps grip surfaces to prevent sliding.
- Unique easy-buckle fastening system for a comfortable fit that minimizes interference with circulation to lower leg.

Item #	Color	Weight
355413	Black	386 g (.85 lb)



Lightweight knee pads with a full 13 mm (.5 in) of foam padding.

Alta Flex™ Industrial Elbow Pad

Alta Flex Industrial Elbow Pads Features

- Non-slip rubber caps grip surfaces, allowing faster movement.
- Two elastic straps with hook-and-loop fasteners ensure proper fit.

Item #	Color	Weight
355310	Black	190 g (.42 lb)



Designed to protect elbows when crawling in horizontal confined spaces, cave rescues, and tactical operations.

Dualcom™ Radio Harness



This advanced dual-communication radio chest harness keeps a variety of communication devices and field necessities close at hand.

DualCom Radio Harness Features

- Three adjustable holsters accommodate two variable-size radios and a GPS unit or spare battery.
- Two side-zip pockets for notebook, large smartphone, field guide, pocket knife or other instruments.
- 203 x 229 mm (8 x 9 in) main compartment holds large map, mini electronic tablet, trauma scissors, spare batteries, and more.
- Internal niche pocket for dispensing flagging tape through external grommet.
- Front attachment loop for pocket light.
- Antenna keeper on left shoulder strap.
- Two front pen sleeves.
- Made of 1,000-denier Cordura® nylon.

Size: 22 x 28 cm (8.75 x 11 in)

Item #	Color	Weight
240048	Black/Gray	445 g (.98 lb)

Radio Vest



This vest offers a convenient way to carry two radios.

Radio Vest Features:

- Hook-and-loop radio pockets.
- Adjustable sternum strap.
- Design keeps antennas away from face and allows mic cords to extend properly.
- Made of 1,000-denier Cordura® nylon and breathable fabric.

Item #	Weight
240022	482 g (1.1 lb)

Radio Holster



This versatile holster can be carried on a belt, a harness, or a backpack shoulder strap.

Radio Holster Features:

- Secures to a belt with a loop slot, or to a shoulder strap with dual hook-and-loop straps
- Easily adjustable radio pocket holds most radios while allowing access to knobs, front-mounted keypads, and displays

Item #	Weight
240027	85 g (.19 lb)

ProSeries® Radio Harness



A full-featured radio harness made for long wear under rugged conditions.



ProSeries Radio Harness Features:

- Stabilizing back straps for increased comfort.
- Adjustable pocket fits wide range of radios.
- Spare battery pocket has hook-and-loop attachment point.
- Outside pocket holds a pen and folding knife or multi-tool
- Pocket flap has a place to clip a speaker mic
- Large panel pocket with zipper closure holds notepad, folded maps, or extension antenna
- Antenna keeper on left shoulder strap
- Made of 1,000-denier Cordura® nylon

Item #	Weight
240029	300 g (.66 lb)

Radio Harness



Carries a standard-size, hand-held radio on the user's chest, protecting it from impact and weather.



Radio Harness Features

- Adjustable pocket fits wide range of radios.
- No need to remove radio from harness for use—just squeeze and talk.
- Works under parkas, rain gear, and turnouts.
- Design holds harness securely to body, keeping radio in place during heavy activity.
- Breathable mesh panel for added comfort.

Item #	Color	Weight
240025	Black	241 g (.53 lb)

Water-Resistant Radio Harness



Water-Resistant Radio Harness Features

- Aqua Pac waterproof bag attaches to a modified version of CMC's Radio Harness.
- Fits most radios up to 5 x 4 x 20 cm (2 x 1.75 x 8 in).

Color: Black

Item #	Option	Weight
240041	Water Radio Harness with Aqua Pac Radio Bag	346 g (.76 lb)
421103	Aqua Pac Radio Bag only	108 g (.23 lb)



This radio harness incorporates an Aqua Pac waterproof radio bag to decrease the risk of water damage from rain or inadvertent splashes in the river.

Princeton Tec® EOS II Intrinsically Safe Headlamp



UL RATING: CLASS 1, DIVISION 2
GROUPS A, B, C, AND D

Princeton Tec EOS II Intrinsically Safe Headlamp Features

- Advanced circuitry regulates power output for consistent brightness in each of the headlamp's two modes
- Maxbright LED lamp puts out 130 lumens and a spot beam that reaches up to 60 meters.
- Three AAA alkaline batteries included
- 100-hour burn time.
- Comes with a nylon strap and a rubber strap that stays securely in place on a helmet or hard hat.

A rugged, self-contained, waterproof headlamp designed to offer premium performance in the most demanding conditions.



Item #	Weight
130625	105 g (.23 lb)

Princeton Tec® Apex Headlamp



Princeton Tec Apex Headlamp Features

- Waterproof headlamp with regulated and dimmable LEDs including a single Maxbright LED and four Ultrabright LEDs that deliver 550 lumens.
- Produces a powerful spot beam or bright flood using two switches that make changing modes intuitive.
- Proprietary heatsink technology allows the LEDs to burn brighter and longer.
- Compatible with 4 AA Alkaline batteries (included), and Lithium or NiMH rechargeable batteries
- 150-hour burn time

This extremely bright, waterproof headlamp has been a favorite of cavers and outdoorsmen for years.



Item #	Weight
130701	283 g (.62 lb)

Foxfury® Performance Intrinsic Tasker

Performance Intrinsic Tasker Features

- 24 LEDs produce a total of 54 lumens.
- Fits most rescue and firefighter helmets.
- Uses four AA batteries (not included).
- 8-hour battery life.

This waterproof, explosion-proof headlamp is designed for use in hazardous locations and around flammable or explosive gases.



Item #	Weight
133417	287 g (.63 lb)

ACR Firefly® Pro Solas Strobe



A state-of-the-art lamp and lens combination give this waterproof emergency distress strobe a high-intensity flash.



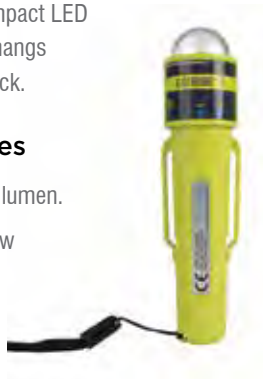
ACR Firefly Pro Solas Strobe Light Features

- Large sliding switch for easy operation with gloved hands.
- Stainless steel retainer secures battery door.
- Uses two AA batteries.
- Strobe visibility over 3.2 miles and 56-hour minimum duration.
- Ideal for PFDs, harnesses, immersion suits, backpacks, and flight suits.

Item #	Color	Weight
144930	Hi-Viz Green	68 g (.15 lb)

ACR C-Strobe™

This waterproof lightweight, compact LED strobe fits easily in a pocket or hangs discretely from a PFD or backpack.



ACR C- Strobe Features

- Bright white LED produces 45 lumen.
- Flexible side lashing loops allow multiple mounting options.
- Easy twist on/off operation.
- Uses two AA batteries.
- Includes impact-resistant case.

Item #	Color	Weight
144910	Hi-Viz Green	74 g (.16 lb)

Flarealert™ Beacon Kit

A safe method for indicating lane closures, evacuation routes, and points of entry.



FlareAlert Beacon Kit Features

- Six magnet-backed beacons can be paired with included weighted bases to stay in place in a triangular, square, or Y-shaped pattern.
- Can also be used to light a helicopter landing zone.

Item #	Weight
500930	3.1 kg (6.8 lb)

Snaplight® Safety Lightstick



This chemical light stick can be used for everything from accident scenes to heli-spots.



Snaplight Safety Lightstick Features

- Spark-proof, nonflammable, non-toxic, non-corrosive, and weatherproof.
- Excellent for marking the location of access points, personnel, and equipment.

Duration: 12 Hours

Item #	Color	Weight
108016	Green	21 g (.04 lb)
108017	Yellow	21 g (.04 lb)

NRS Crew Universal PFD



This durable, general-purpose life jacket provides safety and comfort on or near flat water.

NRS Crew Universal PFD Features

- Highly adjustable universal fit and improved shape for better mobility
- 200-denier nylon shell stands up to years of use
- Front zipper, four side adjustments, and a waist adjustment
- Dual certified under US Coast Guard and Transport Canada
- 73 N (16.5 lbf) flotation

Item #	Flotation	Color	Size	USCG Approval	Weight
470143	73 N (16.5 lbf)	Red	76–147 cm (30–58 in)	Type III	771 g (1.7 lb)

NRS Big Water V PFD



Industry-leading commercial life jacket offering comfort, durability, and high-flotation capabilities for swiftwater activities or operations.

NRS Big Water V PFD Features

- Contoured foam panels create a more comfortable and adaptive fit.
- Improved skirt, strap length, and girth range.
- Flotation collar helps keep head above water
- Four heavy-duty front buckles for easy entry, exit and adjustment.
- Webbing loops for leg straps add extra security (Leg Straps sold separately).
- Carries US Coast Guard Certification through UL.
- Constructed with 420-denier rip stop nylon

Item #	Flotation	Color	Size	USCG Approval	Weight
472152	111 N (25 lbf)	Orange	76–132 cm (30–52 in)	Type V	1.3 kg (2.8 lb)
472153	111 N (25 lbf)	Orange	117–147 cm (46–58 in)	Type V	1.3 kg (2.8 lb)

NRS Rapid Rescuer PFD



This “live bait” PFD has extra features that are valuable to a swiftwater rescue technician.

NRS Rapid Rescuer PFD Features

- Large front pockets stretch to hold carabiners, web, a GPS, or a radio.
- Lash tabs for a knife, and carabiner on a tether, and a ring for a whistle.
- Attachment points for a lightstick and a strobe on the back.
- Universal fit with shoulder and side adjustments.
- Shell is touch 500-denier Cordura® nylon with reflective strips on both sides.
- Compatible with Water Rescue Tether p.182
- 98 N (22 lbf) flotation.

Item #	Flotation	Color	Size	USCG Approval	Weight
470149	98 N (22 lbf)	Yellow	76–147 cm (30–58 in)	Type V	1.7 kg (3.6 lb)

Stearns SAR Mesh PFD



This PFD's soft lightweight mesh provides a higher level of ventilation for greater comfort in warm weather conditions.

Stearns SAR Mesh PFD Features

- Soft Aquafoam™ and durable Crosstech® foam provide comfort in addition to flotation.
- Two large pockets close with hook-and-loop fasteners.
- Zippered front is backed by three 38 mm (1.5 in) belts.
- Includes whistle.

Item #	Flotation	Color	Size	USCG Approval	Weight
477262	76 N (17 lbf)	International Orange	Small, 91–97 cm (36–38 in)	Type III	737 g (1.6 lb)
477263	76 N (17 lbf)	International Orange	Medium, 102–107 cm (40–42 in)	Type III	737 g (1.6 lb)
477264	76 N (17 lbf)	International Orange	Large, 112–117 cm (44–46 in)	Type III	765 g (1.7 lb)
477265	76 N (17 lbf)	International Orange	X-Large, 122–127 cm (48–50 in)	Type III	830 g (1.8 lb)
477266	76 N (17 lbf)	International Orange	XX-Large, 127–132 cm (50–52 in)	Type III	822 g (1.8 lb)
477267	76 N (17 lbf)	International Orange	XXX-Large, 137–142 cm (54–56 in)	Type III	850 g (1.9 lb)

SRT Accessory Belt



SRT Accessory Belt Features:

- Holds a fin on each hip with buckles that allow quick release, even when in water.
- Back of belt has attachment point for river knife and loops for clipping carabiners.
- Diver-type waist buckle can be released under load.
- One size fits most.



This swiftwater rescue technician accessory belt was designed with input from lifeguards and river rescue professionals.

Item #	Weight
479610	232 g (.51 lb)

ProSeries® Breathable Drysuit



This is a waterproof, breathable top-of-the-line drysuit.

ProSeries Breathable Features:

- Micro-denier polyester exterior fabric in a three-ply laminate.
- Designed for unrestricted movement.
- Internal Adjustable Draw Cord Waist™ and interior suspenders streamline fit and reduce drag when swimming.
- Cordura® nylon covered relief zipper.
- Crotch gusset extends to both ankles for superior fit and freedom of movement.
- Seams are double stitched and fusion sealed.
- Lifelong Latex™ seals at neck and wrists .
- Neoprene Cordura Neck Wrap with zipper closure.
- Cordura® Wrist Wraps™ and Ankle Wraps.™
- Seat, knees, and elbows are reinforced with Cordura nylon for added protection.
- Arm pocket with quick-drain mesh and SOLAS reflective bands on arms.
- Two-year limited warranty.



Color: Rescue Orange/Black | **Weight:** 1.9 kg (4.2 lb)

Item #	Size	Height	Waist	Chest	Weight
475902	Small	160–168 cm (63–66 in)	71–76 cm (35–38 in)	89–97 cm (35–38 in)	52–61 kg (115–135 lb)
475903	Medium	170–180 cm (67–71 in)	70–86 cm (30–34 in)	97–102 cm (38–40 in)	61–73 kg (135–160 lb)
475904	Large	178–185 cm (70–73 in)	86–97 cm (34–38 in)	107–112 cm (42–44 in)	75–91 kg (165–200 lb)
475905	X-Large	185–191 cm (73–75 in)	97–107 cm (38–42 in)	117–122 cm (46–48 in)	91–104 kg (200–230 lb)
475906	XX-Large	188–193 cm (74–76 in)	112–122 cm (44–48 in)	127–132 cm (50–52 in)	104–118 kg (230–260 lb)

Economy Drysuit



This tough drysuit is made of mil-spec high-tenacity 200-denier oxford nylon, triple coated with three ounces of polyurethane.

Economy Drysuit Features

- Waterproof coating is applied to the inside of suit to protect it from abrasion and scratches.
- Freedom Cut™ features sidearm panel and crotch gusset for unrestricted freedom of movement.
- Rear shoulder-entry waterproof zipper guarantees water tightness.
- Forearms have 25 mm (1 in) horizontal strips of reflective material for increased visibility.



Color: Rescue Orange/Black | **Weight:** 1.3 kg (2.8 lb)

Item #	Size	Height	Waist	Chest	Weight
475752	Small	160–168 cm (63–66 in)	71–76 cm (35–38 in)	89–97 cm (35–38 in)	52–61 kg (115–135 lb)
475753	Medium	170–180 cm (67–71 in)	70–86 cm (30–34 in)	97–102 cm (38–40 in)	61–73 kg (135–160 lb)
475754	Large	178–185 cm (70–73 in)	86–97 cm (34–38 in)	107–112 cm (42–44 in)	75–91 kg (165–200 lb)
475755	X-Large	185–191 cm (73–75 in)	97–107 cm (38–42 in)	117–122 cm (46–48 in)	91–104 kg (200–230 lb)
475756	XX-Large	188–193 cm (74–76 in)	112–122 cm (44–48 in)	127–132 cm (50–52 in)	104–118 kg (230–260 lb)

NEW LALO Shadow Amphibian Boot

Full featured water rescue boot with outstanding moisture management, lightweight durability, and all-day comfort, traction, and protection. Designed for water rescue professionals in conjunction with U.S. Navy SEALs, the Shadow Amphibian 5" model is made for rescuers who want high performance in rugged terrain and fast-flowing waterways. Ideal for working in and around rivers, trudging through mud, and hiking long distances.



LALO Water Boot Features

- Patented drainage system with dual direction drainage ports.
- KPU Grill keeps out debris while increasing breathability.
- Moisture-wicking, antimicrobial ceramic bamboo lining.
- Swim fin compatible heel lock, friction area, and vamp profile.
- DuPont™ slip-resistant injection molded rubber outsole.
- Lace pocket and KPU lacing system for lace security.
- Carbonized rubber toecap for abrasion resistance.
- Puncture-resistant composite plate for protection.
- Multi-density EVA to cushion foot-strike and propel toe-off.
- Articulating heel, contoured metal arch, and Achilles flex notch.
- Full grain leather upper and rip-stop nylon accents.



Item #	Size*	Weight
474070	7	.56 kg (1.23 lbs)
474080	8	.56 kg (1.23 lbs)
474090	9	.56 kg (1.23 lbs)
474100	10	.56 kg (1.23 lbs)
474110	11	.56 kg (1.23 lbs)
474120	12	.56 kg (1.23 lbs)
474130	13	.56 kg (1.23 lbs)

*half sizes available

NRS Workboot Wetshoe

NRS Workboot Wetshoe Features:

- Lace-up synthetic leather and 5 mm (.2 in) neoprene uppers provide warmth, ankle support, and secure fit.
- 7 mm (.28 in) neoprene insole absorbs shock.
- 20 cm (8 in) height and heavy-duty lugged traction sole for stability on varied terrain.
- Wear areas reinforced with synthetic leather and rubber.
- Whole sizes only. Half-sizes order next size larger. Women should order one size smaller.

Item #	Size	Weight
474307	7	.98 kg (2.16 lb)
474308	8	1.02 kg (2.25 lb)
474309	9	1.09 kg (2.40 lb)
474310	10	1.16 kg (2.56 lb)
474311	11	1.18 kg (2.60 lb)
474312	12	1.22 kg (2.69 lb)
474313	13	1.34 kg (2.95 lb)



A favorite of river professionals and rescue agencies requiring the warmth of dive booties and the durability of high-top workboots.

US Divers Shredder SAR Swim Fins

US Divers Shredder SAR Swim Fin Features

- Short shape allows explosive thrust and exceptional maneuverability.
- Large, soft foot pocket and adjustable padded heel strap.
- Can be worn over water boots as well as booties.
- Lugs on sole of foot add traction when walking.
- Integrated quick-release lash secures fin in rough water.
- Universal size adjusts to fit most swimmers' boots and booties.



These durable fins were designed for water rescue and SAR swimming.

Item #	Option	Overall Length	Blade Width	Color	Weight
474150	Shredder Fins	42 cm (16.5 in)	25 cm (10 in)	Yellow	2 kg (4.3 lb)
474151	Replacement Strap			Black	

Water Rescue Tether

Water Rescue Tether Features

- 25 mm (1 in) tubular web with a built-in bungee.
- Enhances options in rescue situations as a connection between a PFD and a line.
- Includes brite double-locking connector.
- 11 kN (2,473 lbf) rated strength.



This tether is designed to serve as a “live bait” water rescue attachment to a PFD.

Item #	Extended Length	Color	Weight
201707	117 cm (46 in)	Yellow	227 g (.5 lb)

Swim Seal Mask

This high quality mask provides visibility and eye protection whether the user is in the water on a PWC.

Swim Seal Mask Features:

- The face seal is made of shape-retaining, hypo-allergenic, medical silicon for an anatomical fit.
- Large contact surface provides greater comfort and resistance to leaks.
- Fog and scratch resistant Plexisol® lens with 100% UV protection.
- Wraparound shape delivers 180-degree visibility.



Item #	Weight
479711	142 g (.31 lb)

Deep See™ Squeeze Lock Knife

This compact knife has a locking system opened by squeezing the handle.

Deep See Squeeze Lock Knife Features

- No need to find a lever or button to unlock the knife.
- The blade is 304 stainless steel.
- One side of the blade has a plain edge, the other side is serrated.
- A line cutter is located near the handle.
- The mounting system includes leg straps and a belt clip, either of which can attach to a PFD.



Overall Length: 16.5 cm (6-1/2 in)

Blade Length: 7.6 cm (3 in)

Item #	Tip	Color	Weight
636012	Blunt	Black/Blue	150 g (.33 lb)

Akua Rescue Knife

This knife attaches easily to a PFD, boat deck, buoyancy control device, or the rescuer's leg.

Akua Rescue Knife Features

- 420 stainless steel titanium-coated 76 mm (3 in) blade with line cutter, straight edge and serrated edge.
- Blunt tip for safety around patients and inflatables.
- Quick-drain sheath with removable belt clip, 25 mm (1 in) webbing mount, and lanyard holes.
- Knife releases from sheath by pressing the thumb tab or giving it a firm pull.



Overall Length: 20.3 cm (8 in)

Blade Length: 7.8 cm (3.09 in)

Item #	Tip	Color	Weight
620656	Blunt	Hi-Viz Green	47 g (.32 lb)

MORE AT CMCPRO.COM



Fox 40 Whistle

Works well under almost all conditions—including underwater. **Item #180011**



Res-Q-Rench®

A versatile, folding multi-tool designed for fireground operations and rescue incidents. **Item #635025**



Res-Q-Me™

A personal rescue tool for auto accidents and emergencies. **Item #634007**



Utility Scissors

Large fin-point trauma shears with titanium-bonded blades. **Item #720532**

CMC Apparel

- You can count on high style and performance from these premium quality screen printed Tees. All come with tag-free labels for extra comfort.



CMC Performance Tech Tee

Moisture wicking fabric. Logo on front. Color: Charcoal gray
Small #494292 | Medium #494293 | Large #494294
XLarge #494295 | XXLLarge #494296



CMC Pro Team Long-Sleeve Tee

Logo printed on front and sleeve. 100% cotton. Color: Navy
Small #494272 | Medium #494273 | Large #494274
XLarge #494275 | XXLLarge #494276



Men's CMC Pro Team Tee

- Logo printed on front and back. 100% cotton. Color: Black
- Small #494262 | Medium #494263 | Large #494264
- XLarge #494265 | XXLLarge #494266



Women's CMC Pro Team Tee

- Logo printed on front. 100% cotton. Color: Black
- Small #494281 | Medium #494282 | Large #494283
- XLarge #494284 | XXLLarge #494285



CMC Access Tee

Premium 100% cotton tee with tag-free label. CMC logo screen printed on front and rope access technician graphic on back.

Color: Dark Grey

Small #G494642 | **Medium** #G494643

Large #G494644 | **XLarge** #G494645

XXLarge #G494646



CMC Heli Rescue Tee

Premium 100% cotton tee with tag-free label. CMC logo screen printed on front and helicopter rescue graphic on back.

Color: OD Green

Small #494052 | **Medium** #494053

Large #494054 | **XLarge** #494055

XXLarge #494056



CMC Pro Team Insulated Bottle

This 18/10 stainless steel, powder coated bottle has all the bells and whistles—including double-wall vacuum insulation, a one-hand push-button lid with grit guard, and an over-molded finger/carabiner loop. It's also BPA-free and dishwasher safe.

#853150 | Matte Black | 473 ml (16 oz)



CMC Mug USA MADE

CMC partnered with Ohio based American Mug & Stein Co. to create this handcrafted, heavy ceramic mug with a distinctive look and feel.

#853120 | Red | 473 ml (16 oz)



CMC Sticker USA MADE

At 44 x 44 mm (1.75 x 1.75 in), this white reflective sticker is the ideal size for a helmet.

#491014 | White Reflective



CMC Carabiner Key Ring

This D-shape aluminum carabiner has a key-lock gate and a 32 mm (1.25 in) key ring. Rated at 600 kg (1,332 lb) Not intended for life safety use.

#378005 | Black



CMC Patch

The CMC Patch has a Velcro backing for use with MOLLE or similar Velcro attachment systems.

#491053 | Black



CMC Trucker Hat

A mid-profile, trucker-style hat made from cotton canvas and polyester mesh with adjustable snap back. One size fits most. Color: Charcoal Grey

#492275 | Charcoal Grey | Adjustable



CMC Pro Team Hat

Stays clean, cool, and dry. Moisture wicking material has stain block technology. Light weight fabric for greater comfort. Color: Black

S/M (6 3/4" - 7 1/4") #492242
L/XL (7 1/8" - 7 5/8") #492264



CMC Doo-Rag USA MADE

Can be worn under a helmet. Built-in sweat band for extra absorbency. Printed with the CMC logo on the front and tack tail. 100% cotton.

#492005 | Black



CMC Buff USA MADE

BUFF Multifunctional Headwear is engineered with a 4-Way, seamless, ULTRA STRETCH fabric construction that features UPF 50 protection, and 100% recycled REPVEVE® Performance Microfiber.

#492025 | Black

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

California Mountain Company

In 1978, Jim Frank founded California Mountain Company (now CMC) to ensure that rescue professionals had specialized equipment for safe and effective rescue operations. Since then, we've stayed true to our mission to protect professionals working in high-risk environments by providing trusted life safety equipment and education. Our California Mountain Company™ heritage line honors our roots and our dedication to those serving the rescue community.



78 Pack™ USA MADE

With its roll-top design, roomy interior and heavy duty nylon construction, this everyday pack takes the scouting packs of yesteryear to a whole new level. It features a front zippered pocket, external straps and multi-loop attachment points for carrying extra gear, and a padded internal laptop sleeve.

Dimensions: 48 x 30 x 15 cm (19 x 12 x 6 in)

Volume: 28.7 L (1,750 ci) | **Weight:** 725 g (1.6 lb)

#442102 | Ocean Blue



Mountain Heritage Hat

This mid-profile, trucker-style hat pays tribute to the 1980s, when CMC was just starting. Made from cotton canvas and polyester mesh, it has an adjustable snap back. One size fits most.

#492322 | Navy Blue | Adjustable



Mountain Mug USA MADE

CMC partnered with Ohio based American Mug & Stein Co. to create this handcrafted, heavy ceramic mug with a distinctive look and feel.

#853200 | Navy Blue | 16 oz.



Mountain Tee USA MADE

California Mountain Company logo printed on front. 100% cotton. Color: Navy

Small #494342 | Medium #494343 | Large #494344
 XLarge #494345 | XXL Large #494346



Mountain High Tee USA MADE

California Mountain Company logo printed on front and mountain graphic on back. 100% cotton. Color: Charcoal Grey

Small #494352 | Medium #494353 | Large #494354
 XLarge #494355 | XXL Large #494356



Mountain Tee USA MADE

• California Mountain Company logo printed on front. 100% cotton. Color: Heather Grey

• Small #494132 | Medium #494133 | Large #494134
 • XLarge #494135 | XXL Large #494136



Women's Mountain Tee USA MADE

• California Mountain Company logo printed on front. 100% cotton. Color: Navy

• Small #494332 | Medium #494333 | Large #494334
 • XLarge #494335

EDUCATION

HARNESSES AND BELTS

HARDWARE

ROPE AND WEB

ANCHOR DEVICES

FIRE ESCAPE

HELICOPTER OPERATIONS

BAGS AND PACKS

SYSTEMS AND KITS

PATIENT TRANSPORT

PERSONAL GEAR

Applying the T-Method

An excerpt from Chapter 20 of the Rope Rescue Technician Manual, Version 6

The T-method provides an accurate calculation of the forces in the system by determining the units of tension on each segment of rope in the system. The actual value of 1 unit of tension varies as the actual input and output forces change.

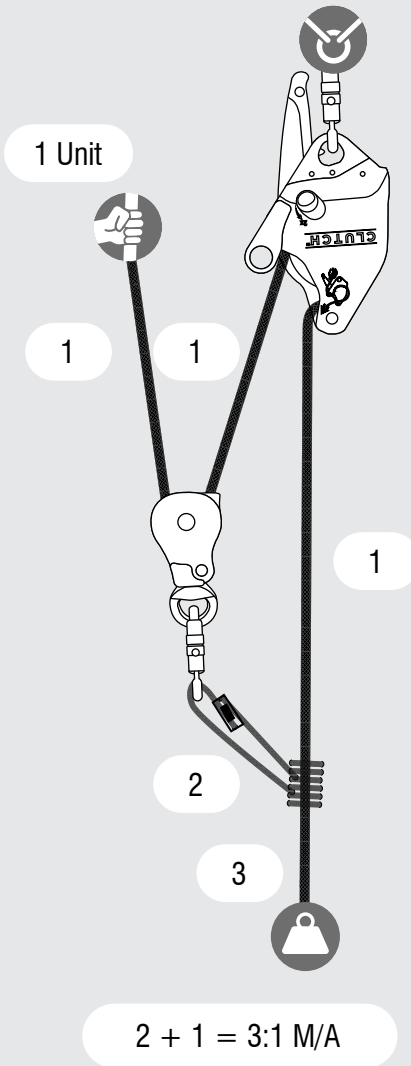
The basis of the T-method goes back to basic pulley theory. If there is 1 unit of force suspended on the end of the rope going through a pulley, there must be 1 unit of force on the other end of the rope to hold it in equilibrium. One unit of force on each side puts 2 units of force on the top of the pulley attached to the anchor (or to a Prusik hitch that is connected to a segment of rope) within the pulley system. These units of tension are added to the units already on that segment. The sum of the units of tension at the output end is the mechanical advantage of the system.

Step 1: Start at the input end of the haul line, the end where the haul team will be pulling on the rope. The unit of tension at this end will be 1.

Step 2: This unit of 1 follows along the rope until the first pulley is reached. If 1 unit enters the pulley, 1 unit must exit. Like the pulley in the example, the addition of both units (in and out) will produce a force of 2 units at the top of the pulley, which in this example is the Prusik hitch connection to the load line. Remember the 2 units on the Prusik hitch but follow the rope with 1 unit.

Step 3: Continuing out of the pulley, the rope next enters and leaves a fixed pulley. Since this pulley does not move, the force is on the anchor and no units of force are added to the mechanical advantage. Therefore the 1 unit comes out of the pulley and moves down to where the first Prusik hitch is attached. The Prusik hitch attached to the anchor is not loaded when hauling, so it is not part of the system at that time.

Step 4: The M/A pulley is where the mechanical advantage is gained. The 1 unit coming out of the fixed pulley and the 2 units at the Prusik hitch add together, yielding a total of 3 units of tension applied to the rope attached to the load. When comparing the 3 units of tension at the output end to the 1 unit of tension at the input end, a 3:1 M/A is produced.





PRODUCT INDEX

SYMBOLS

3D 35

A

Accessory Cord 63

Air Operations Gear 23, 93-97, 133

Anchor

Bolt Anchor 79

Hurley Picket Anchor System 77

Swivel Anchor 79

Vertical/Fixed Beam Anchor 79

Anchor Plates 51

Anchor Strap 82, 83

Apparel/Insignia 182-187

Arizona Vortex 72, 73

Ascenders 48, 49, 51

Foot Ascender 52

Handled Ascender 50

Powered 54

ATOM Harnesses 14, 15, 16, 17, 18, 19, 20

Aztek ProSeries System 114, 115

B

Backboards 158

Backpacks 99-109

Palisade 2.0 Pack 102

Personal Gear Bag 106

RAT Pack 105

RigTech Pack 100

Rope Bags 103

Rope & Equipment Bags 104

Whitney 2.0 Pack 101

Belay Devices 32, 33, 34, 35, 46, 47, 48

Belts 28

Escape Belt 91

Ladder Belt 27

Rappel Belt 28

Blower 140

Books 8, 9

Buff 185

C

Caps 185, 186

Carabiners

Aluminum 36, 37

DNA 39

Steel 38

Cervical Collars 159

Chemical Lights 175

Climbing Rope 58, 60, 61, 62, 63, 64, 65, 66, 67

ClimbTech Products 79

CLUTCH 32, 33

Communication Systems 172, 173

Con-Space Kits 116, 122, 123, 124, 125, 126, 127, 142, 143

D

Descenders

3D 35

CLUTCH 32, 33

MPD 34

Rappel 8 47

Rescue 8 47

Survivor 8 47

Dog Harness 29

Drysuits 178

Duffel Bags

Lassen Duffel Bags 106

Mesh Duffel Bag 109

Quick Response Bag 106

Shasta Gear Bag 105

E

Edge Protectors 68, 69, 79, 81

Elbow Pads 171

Enforcer Load Cell 40

Escape Artist System 87-91

Escape Belts 28, 29, 91

Escape Kits 87-91

Escape Line 65

Escape Web 67

Etriers 84

Extrication Devices 156, 157

F

Fans 140

Figure 8 Descenders 47

Fins 180

Firefighter Escape Systems 87-91

Flare Alert Beacon Kit 175

Flashlights 175

Foot Loop 84

G

G11 Lifeline 58-59

Gear Bags 99-109

Gloves 164, 165, 166

Goggles 170

H

Halyard Clamp 66

Harnesses 13-29

Atom Harness Series 14

Fire Escape Harness 91

Helitack Harness 96

K9 29

Sit Harness 18, 19, 24, 25

Harness Pockets 108

Headlamps 174

Heavy Rescue Organizer 104

Helicopter Gear 93-97

Helitack AirBag 94

Helitack HotSeat 95

Helitack Stork 95

Helmets 168, 169, 170

Holster 172

K

Kernmantle Ropes 58, 60, 61, 62, 63, 65, 66

Kits 111-143

Knee Pads 171

Knives 181

Knot-Passing Pulleys 45

Kong Trapezium Quick-Link 53

L

Ladder Belt 27

Ladder Line 66

Lanyards 80

LEVR Escape System 88, 89

Life Jackets 176, 177

Life Safety Rope 58, 60, 61, 62

Lights 174, 175

Light Sticks 175

Line Thrower 137, 138

Litter Cover 153

Litter Harnesses 149, 152

Litter Insert 153

Litter Pack 108

Litters 146, 147, 148

Litter Shield 150

Litter Straps 151

Litter Wheel 149

Load Release Strap 82

Lockout/Tagout Kit 141

Logo Products 182-187

M

Manikins 161
MPD 34
Multi-Loop Strap 85
Multi-Purpose Tool 181

O

Oregon Spine Splint II 157
O-Ring 53

P

Packs 99-109
Patient Tie-In 151
Personal Escape 87-91
Personal Flotation Devices 176, 177
Pick-Off Strap 83
Powered Ascender 54
Prusik Cord / Prusiks 63
Pulleys 41, 42
 CSR 41
 Kootenay 45
 Swivel 43, 44

Q

Quick Links 53

R

Radio Harness 172, 173
Rescue Boards 158
Rescue Classes 6, 7
Rescue Harnesses 14, 15, 16, 17, 18,
19, 21, 22, 23, 24, 25, 26, 27, 91
Rescue Rack 46
Rescue Rope 58, 60, 61, 62, 65
Rescue Runners 85
Rescue Straps 81, 82, 83
ResQmax 138, 139
Ring Buoy 160
RIT Kit 90
Rope Bags 103, 104
Rope Care Products 69
Rope I.D. Markers 69
Rope Log 69
Rope Measurer 69
Rope Protection 68, 69
Rope Sealer 69
Rope Thimble 69

Rope Washer 69
Rope / Web 57-69
 Escape Line 65
 Flat Web 67
 G11 58
 Ladder Line 66
 Lifeline 58, 60, 61
 Prusik Cord 63
 Sewn-Loop Prusiks 63
 Throwline 64
 Tubular Web 67
Rope & Web Cutters 69

S

SCBA Mask Protector 109
Screw Links 53
Shock Absorber 80
Short-Haul Line 97
Shrink Tubing 69
SkySaddle 18
Spec Pak 157
Spreader Bar 22
Straps
 Anchor Strap 81, 82
 Litter Strap 83
 Pick-Off Strap 83
 Strap Sleeve 81
Stretcher Cover 150, 153
Stretcher Harnesses 149, 152
Stretcher Insert 153
Stretcher Pack 108
Stretchers 146, 147, 148, 151, 154,
155, 156, 157, 158
Stretcher Shield 150
Stretcher Straps 151
Stretcher Wheels 149
Strobe Lights 175
SureClip 40
Swim Mask 180
Swivels 45

T

Tactical Gear 23, 25, 28, 80, 134, 172
Tether 80, 180
Throwline Bag Sets 135, 137
Tools 181
Training 5-11
Trauma Shears 181
Traverse 540° Rescue Belay 48

Tripods

 Arizona Vortex 72, 73
 TRISKELION 74, 75
TRISKELION 74, 75
T-Shirts 182, 183, 187

U

Uniform Rappel Belt 28

V

Ventilation Systems 140, 141
Victim Chest Harness 26
Victim Harness 26

W

Water Boots 179
Water Gloves 166
Webbing 67
Web Gear 69
Winches 78

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Inspect the product immediately after purchase and before and after each use. Read the note on inspection below.

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