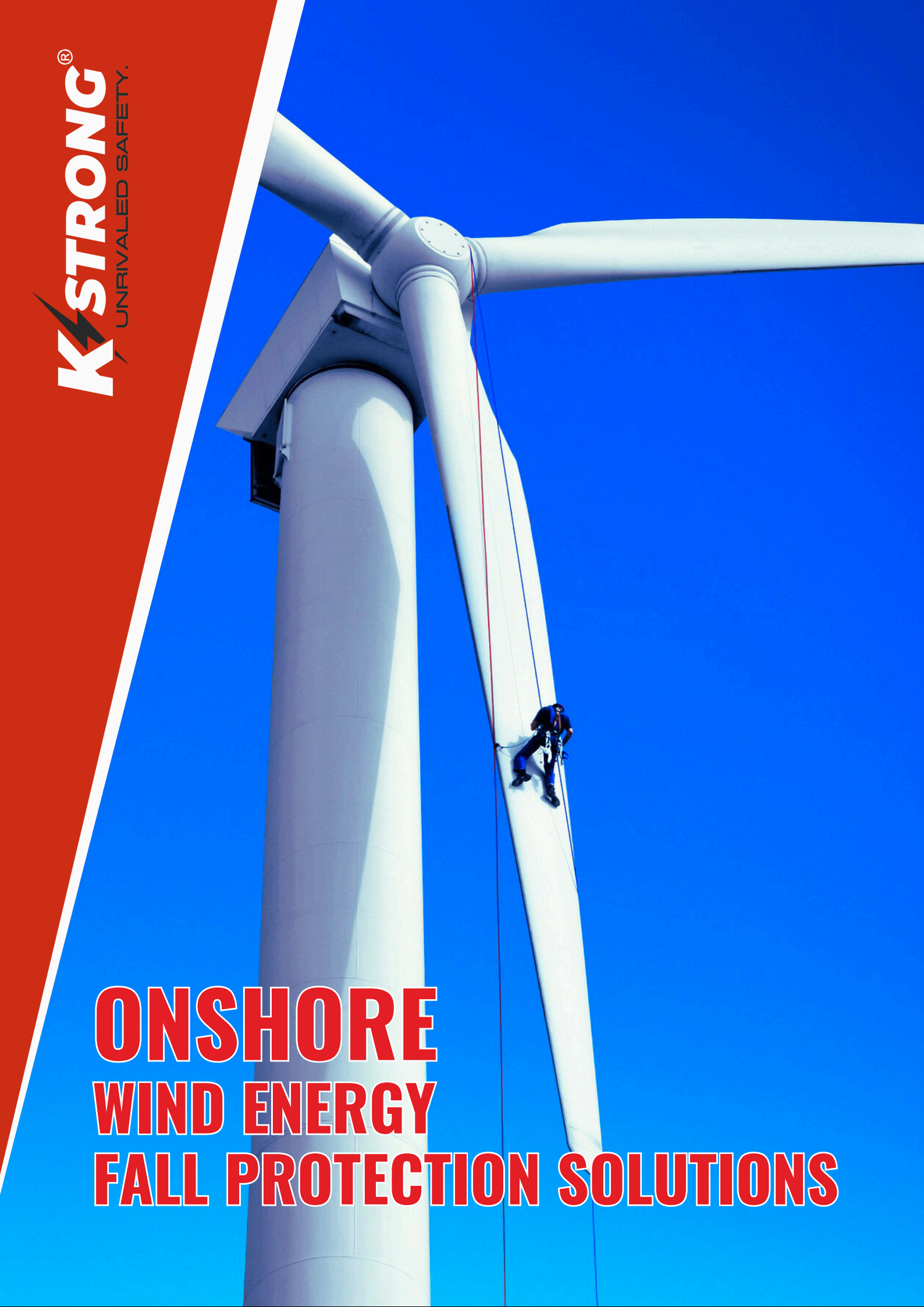
KSTRONG
UNRIVALED SAFETY.



ONSHORE
WIND ENERGY
FALL PROTECTION SOLUTIONS

WIND ENERGY FALL PROTECTION SOLUTIONS

Introducing KStrong's Wind Energy Fall Protection Solutions

In the wind energy industry, safety is paramount. Wind turbine technicians are exposed to numerous fall hazards, with risks heightened by extreme heights and challenging weather conditions. Fall protection solutions for onshore wind turbines must account for the complexity of turbine structures, the effects of rain, slippery surfaces, strong winds, and the height of the towers, which can make installation and maintenance difficult. When considering tasks that involve working at heights in wind energy, the image of towering turbines often comes to mind. However, falls can occur in various situations, such as while climbing ladders, working on nacelles, or during blade inspections.

That's why KStrong has developed a wind energy Fall Protection solution tailored to address the unique challenges encountered in this sector. Our approach starts with a deep understanding of common hazards and extends to offering practical solutions in work methods, equipment supply, and training. Here's how we ensure safety at every step:

Benefits of our Approach

- Minimized equipment requirements, reducing costs and complexity.
- Reduced commitment for inspection and maintenance, ensuring efficient operations.
- Simplified staff training through standardized solutions, enhancing safety awareness.
- Improved technician safety with easy-to-implement fall protection controls.
- Easy transferability between different wind turbines and sites, facilitating seamless operations.

Why Choose Us

- Our solutions prioritize safety without compromising efficiency. We understand the unique challenges of the wind energy sector and tailor our solutions accordingly.
- With our expertise, you can protect your technicians and your business, ensuring peace of mind during turbine operations.
- Ensure safety in wind energy with our tailored Fall Protection solutions.

Compliance with Safety Standards

Safety standards for working on wind turbines are designed to prevent accidents, reduce risks to worker health, and ensure a secure working environment. These standards are typically established by national or international regulatory bodies, drawing on extensive research and best practices from the industry. Below are some key elements of safety standards for fall protection in the wind energy sector:

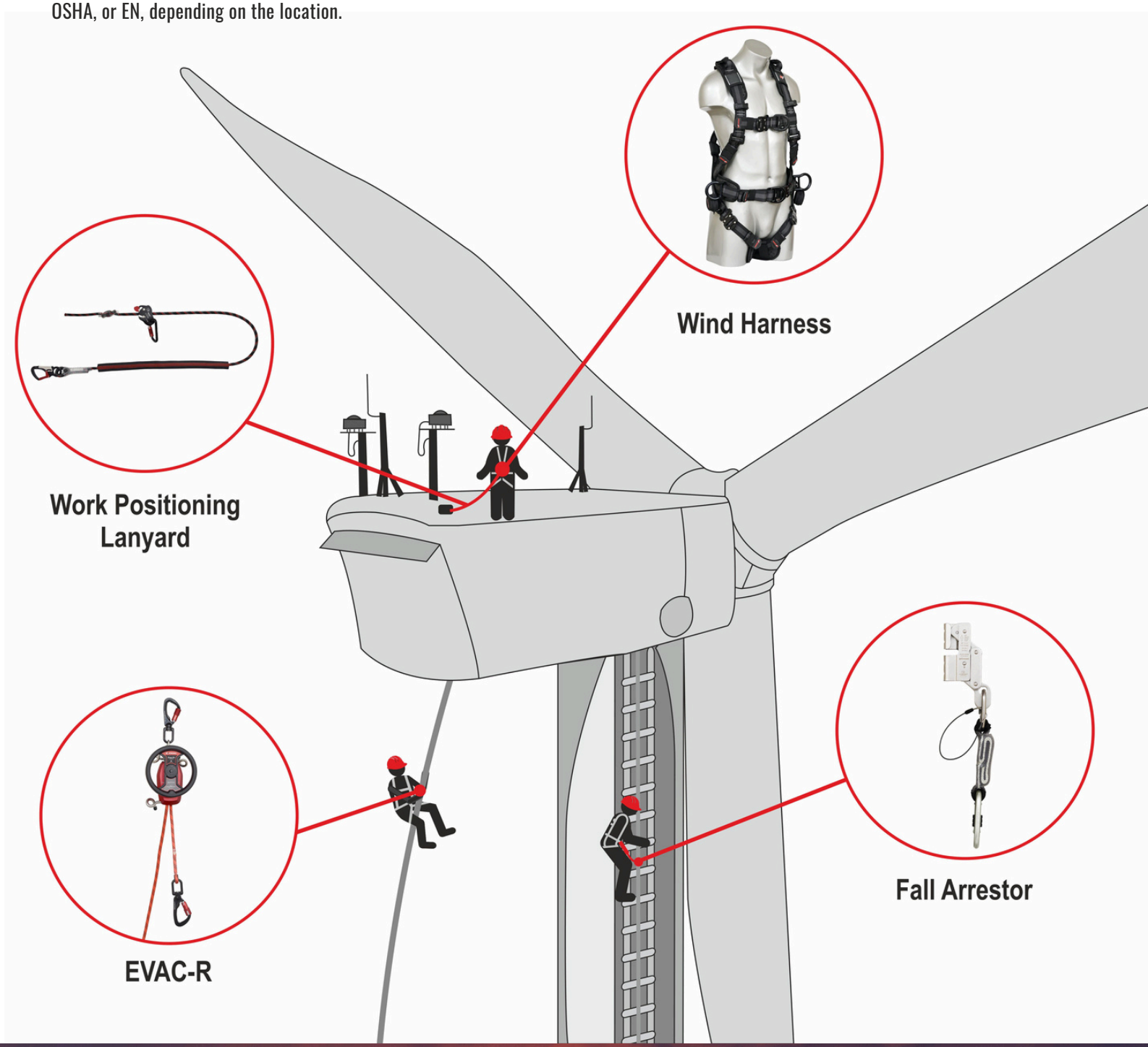
- Regulations mandate that all equipment used must be certified according to the latest safety guidelines. This includes items like safety harnesses, lifelines, energy absorbers, and connectors, all of which must be inspected, maintained, and replaced as necessary. Safety harnesses must adhere to specific standards: EN 361 (fall arrest harnesses), EN 358 (support and restraint belts and lanyards for work positioning and fall prevention), EN 813 (sit harnesses for suspension work), and EN 1497 (rescue harnesses with rescue buckles).

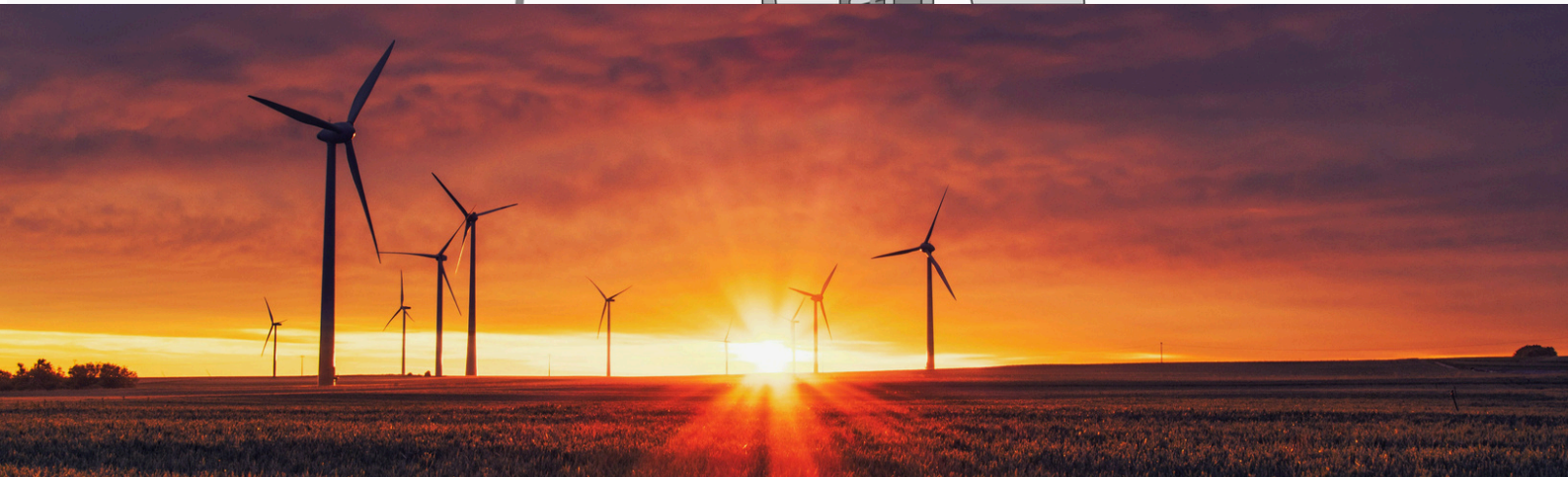
- Additionally, several other standards must be considered, including those governing connection systems, energy absorbers, and anchorage devices (EN 353-1, 353-2, 354, 355, 360, 362, 795).

FALL PROTECTION FOR WIND TURBINES

Introduction to Selecting Fall Protection for Wind Turbine Work

Key considerations for choosing the appropriate fall protection equipment include understanding the site-specific hazards, equipment standards, and compatibility with the turbine structure. Essential components typically consist of full-body harnesses, energy absorbing lanyards, vertical and horizontal lifelines, and rescue equipment that meet industry standards and certifications, such as those set by ANSI, OSHA, or EN, depending on the location.





EVAC-R
RESCUE KIT

PACKAGED SOLUTION FOR RESCUE OR RETRIEVAL INCLUDES EVERYTHING NEEDED FOR A QUICK RESCUE

FEATURES:

- Controlled Descent for Raising or Lowering an Injured Person
- Pre-Assembled Rescue Kit
- Rated for 3-Man (EN) & 2-Man (ANSI)
- Maximum Lifting/Descent Height: 500M
- Hand-Wheel for Lifting/Power Drill Attachment
- Kits can be Supplied between 40M to 300M

SCAN TO VIEW PRODUCT

AFX209070

EPIC WIND

FULL BODY HARNESS

FEATURES:

- Rear Plate for Added Protection
- Fall Arrest Front D-Ring for Ladder Climbing
- Side D-Rings for Work Positioning Lanyards
- AirLite Padding for Extended Comfort
- Aluminum Quick Release Buckles & Fittings
- Confined Space Loops

SCAN TO VIEW PRODUCT

AFH300403

EPIC WORK POSITIONING LANYARD

12MM KERNMANTLE ROPE 2.0M

FEATURES:

- Twist Lock Karabiner
- Rope Grab Aluminum
- Abrasion Resistant Thimbles
- Protective Sleeve

SCAN TO VIEW PRODUCT

AFL405301(PR)

STAINLESS STEEL ROPE GRAB

WITH SHOCK ABSORBER, KARABINER AND WIRE SLING

AFG805202

FEATURES:

- Stainless steel rope grab with shock absorber, permanently connected to a steel karabiner via PVC-coated stainless steel wire
- Enables climbing up or down and locks on the wire anchorage line during a fall to reduce impact
- Automatic locking system
- Easy opening and closing system

SCAN TO VIEW PRODUCT

KTECH

CLIMBING & RESCUE HELMET

FEATURES:

- Airflow Ventilation Minimizes Heat Buildup
- Up & Down Size Adjustment for a Secure Fit
- Made for added Wearing Comfort
- High-Density Polypropylene Shell
- Retractable Visor
- Certified to EN 12492 Standards

RED

AHC101001R

WHITE

AHC101001W

ORANGE

AHC1010010

The multifunctional KTECH Safety Helmet is in a class of its own. It provides the user with optimum protection from falling objects and excellent impact absorption in the event of a fall. Thanks to its innovative & Ergonomic design, it delivers comfort, quality, and durability without neglecting style.

SCAN TO VIEW PRODUCT

ADDITIONAL PRODUCT SOLUTIONS

EPIC RESCUE HARNESS
C/W ALUMINUM FRONT & REAR D-RINGS, WORK POSITIONING WAIST BELT WITH SIDE D-RINGS, EQUIPMENT TOOL LOOP
(AFH300404)

IRSQ EASY SEAT
(AFX201001)

EPIC SHOCK ABSORBING LANYARD TWIN LEG 140KG 30MM WEBBING 1.8M
C/W ALUMINIUM SNAP HOOK & ALUMINIUM SCAFFOLD HOOKS AT OTHER END
(AFL406650(1.8M))

EPIC ELASTICATED SHOCK ABSORBING LANYARD TWIN LEG 140KG 1.8M
C/W ALUMINIUM SNAP HOOK & ALUMINIUM SCAFFOLD HOOKS AT OTHER END
(AFL408381)

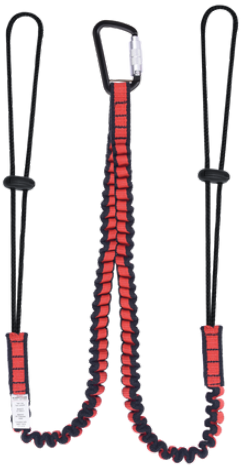
TWIN MICRON SRL 2 METER C/W ALUMINUM SWIVEL SCAFFOLD HOOK
(AFS550102D)

SINGLE STAINLESS STEEL ANCHOR POINT
(AFA930001SS)

ANCHOR STRAP 23KN
(AFA921515(1.5M))

ANCHORAGE LINE C/W ROPE GRAB, SHOCK ABSORBER, KARABINER
SUPPLIED IN MULTIPLE LENGTHS
(AFA951201)

ELASTICATED TOOL LANYARD RELAXED 83CM - EXPANDED 1.16M SWL 10KG
(DL100021)



LASTICATED TOOL LANYARD RELAXED 88CM - EXPANDED 1.32M SWL 10KG
(DL100022)

TOOL BUCKET 55KG (45CM HIGH X 35CM WIDE)
(DB00052)

DUFFLE BAG WATERPROOF 40L
(AFZ177197)

KSTRONG®
UNRIVALED SAFETY.

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USA	South America	Asia