

MAZKO ENTERPRISES



PRODUCT CATALOG

Comprehensive catalog showcasing innovative, high-quality products along with technical specifications.

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SAFETY SOLUTIONS



Full Body Harnesses



A full-body harness is the primary component of a personal fall arrest system, engineered to distribute impact forces across the shoulders, chest, pelvis, and thighs. By securely holding the body during a fall, it minimizes the risk of severe internal injury compared to traditional safety belts. It is an indispensable life-safety tool for any professional working at heights of 6 feet or more.

Standard Features of a Quality Harness

- **Dorsal D-Ring:** A reinforced back attachment point designed for fall arrest, ensuring the worker remains upright after a fall.
- **Adjustable Straps:** High-strength webbing with adjustable buckles at the legs, chest, and shoulders to ensure a snug, customized fit for any body type.
- **Breathable Padding:** Ergonomic padding on the shoulders and legs to reduce pressure points and improve comfort during extended use.
- **Sub-Pelvic Strap:** A critical lower strap that supports the body and helps distribute the weight effectively across the pelvic area during a fall event.

Hooks & Connectors



- **Self-Locking Mechanisms:** Designed with double-action or triple-action gates to prevent accidental "roll-out" or detachment during a fall.
- **High Tensile Strength:** Forged from alloy steel or aluminium to meet strict load-bearing standards.
- **Corrosion Resistance:** Typically finished with zinc plating or chrome to ensure durability and functionality in harsh outdoor or industrial environments.
- **Ergonomic Design:** Shaped for easy handling with gloved hands, allowing for quick and secure one-handed operation while attaching to D-rings.

Lanyards

- **Shock Absorption:** Integrated energy absorbers significantly reduce the impact forces transmitted to the body during a fall arrest.
- **Durable Webbing:** Constructed from heavy-duty polyester or nylon webbing that is resistant to abrasion, UV light, and chemical exposure.
- **Versatile Lengths:** Available in fixed or adjustable lengths to suit specific work-at-height or positioning requirements.



Anchorage



- **Structural Integrity:** Must be capable of supporting at least 5,000 lbs per person attached to ensure a rock-solid point of safety.
- **Diverse Mounting Options:** Includes temporary beam clamps, permanent D-ring plates, and concrete anchors for various site conditions.
- **Strategic Placement:** Engineered to be positioned directly above the worker whenever possible to minimize the risk of a "swing fall".

Fixed Line Systems

- **Continuous Connection:** Allows workers to traverse long horizontal or vertical distances without ever having to disconnect their safety line.
- **Stainless Steel Construction:** Uses high-grade 316 stainless steel cables for maximum longevity and resistance to extreme weather.
- **Multi-User Capability:** Advanced systems are engineered to support multiple workers simultaneously while maintaining independent safety margins.



Rope Grab Fall Arresters



- **Automatic Locking:** Uses a cam-lever or friction-based mechanism to instantly grip the vertical lifeline if a sudden descent is detected.
- **Hands-Free Movement:** Designed to glide smoothly up and down the rope during normal work movement, following the worker's position.
- **Detachable Design:** Allows for easy installation or removal at any point along the vertical lifeline without needing access to the ends.
- **Anti-Panic Feature:** Some models include a secondary locking mechanism that engages even if the user instinctively grabs the device during a fall.



Retractable Fall Arresters

- Self-Tensioning Lifeline: Automatically extends and retracts as the worker moves, keeping the lifeline taut and eliminating tripping hazards.
- Centrifugal Braking: Utilizes a car-seatbelt style internal brake that engages within inches of a fall to stop the descent quickly.
- Impact-Resistant Housing: Enclosed in a rugged thermoplastic or aluminum shell to protect internal components from dust and debris.

Confined Space Entry (Tripod)



- For access in confined spaces.
- With two mounted pulleys at the head of the Tripod in the prolongation of the main leg for passing a cable.
- It allows making configuration with one winch and one Self.
- Retractable block with hoisting Facility.
- Aluminium alloy cast head, legs in aluminium.
- Steel support-shoes provided with rubber sole.

Head & Face Protection

Safety Helmets



- Industrial-grade safety helmets are engineered to provide superior impact dispersion and stability, ensuring reliable protection during long working hours.

Key Features and Benefits

- Lightweight and rigid construction allows for continuous wear throughout long shifts.
- Manufactured from high quality materials to withstand the toughest environmental conditions.
- Designed for seamless integration with eye, face, and hearing protection.

Face Shield



- A wide range of visors and Face Shield available for many
- Forestry and Industrial applications.
- Offers a wide field of view.

Welding Shields



- Ultra-Lightweight Design: Extremely light in weight to ensure user comfort during prolonged welding tasks.
- Impact-Resistant Construction.
- Includes a liftable front window that allows for normal viewing and protects against harmful dust particles.
- Equipped with a protective lens crafted from clear, high-impact resistant polycarbonate.
- Customized Fit: To ensure a secure and stable fit for every user.
- Large Viewing Area: Provides a generous viewing window for enhanced visibility.

Eye & Ear Protection

Safety Spectacles



- Made with polycarbonate.
- Offers impact & splash protection with excellent vision.
- Ultra-light weight and offers high level of eye.
- protection against high speed particles.
- Hard-coated lens for Scratch Resistance.

Areas of Use:

- Construction Sites; where sand and large dust. particles are blowing at high Speed.
- Metal - Processing Shops etc.

Ear Plugs



- The very soft foam provides comfortable & close fitting seal against harmful noise.
- One size fits all Ear Canals.
- Made up of Non- Irritant and Allergy-free material.
- Easy to insert & use.
- Available in multiple materials.

Ear Muffs



- Light weight and extremely comfortable Ear Muffs.
- Easily Adjustable.
- Soft cushioned pads for good seal against noise.

Areas of use:

- Airports, Excavation Equipment, Generators, High Frequency Welding etc.

Safety Shoes



- Thermoplastic Stiffener - For excellent shape to the heel.
- Perfect Knot with Strong Laces.
- Extra Durability.
- Extra Shock Absorption ability.
- Robust Outsole.
- Build for maximum durability.
- Reinforced Toe for maximum Safety.
- Ability to Withstand high energy.

Respiration Protection

Half Face Mask



- Offer protection against particulates, gases and vapours and combinations of the two.
- These Respirators have integrated or replaceable filters and parts. They may be cleaned, stored and reused provided they are in good condition.

Full Face Mask



- Light weight & highly durable.
- Provides high impact protection.
- Comfortable & highly ergonomic in design.
- One size fits all.
- Easy to assemble and dismount.
- Extremely soft non-allergenic rubber for comfort and fit.
- Scratch resistant lens.
- Exhalation valve helps make breathing easier giving a cool & dry comfort to the user.