



HEAD-TO-TOE SAFETY SOLUTIONS FOR WAREHOUSING INDUSTRY

The warehousing industry faces risks like heavy lifting injuries, slips, trips, falls, and equipment accidents. Cluttered aisles and high shelving highlight the need for safety measures and protective gear.

\$1.37B

DIRECT COST DUE TO
OVEREXERTION
IN TRANSPORTATION &
WAREHOUSING

\$0.63B

DIRECT COST DUE TO
FALLS ON SAME LEVEL
IN TRANSPORTATION &
WAREHOUSING

\$4.79B

IN LOSSES TO
SERIOUS, NONFATAL
WORPLACE INJURIES IN
TRANSPORTATION &
WAREHOUSING

MSD'S #1

CAUSE OF INJURIES
AMONG WAREHOUSING
AND "LAST-MILE
DELIVERY" WORKERS

\$0.46B

DIRECT COST DUE TO
AWKWARD POSTURE IN
TRANSPORTATION &
WAREHOUSING

\$0.44B

DIRECT COST DUE TO
FALLS TO LOWER LEVEL
IN TRANSPORTATION &
WAREHOUSING

Liberty Mutual 2023 Workplace
Safety Index | bit.ly/govt_safety

WORK SITE AREA



LOADING AND
UNLOADING DOCKS



FORKLIFT
OPERATION ZONES



PALLET STACKING
AND STORAGE AREAS



COLD STORAGE AND
REFRIGERATION ROOMS



WELDING AND
FABRICATION ZONES



MACHINE
MAINTENANCE ZONES

HAZARDS & RISK



WORKING AT
HEIGHTS



HEAD,
FACE & EYE



LOW
VISIBILITY



ELECTRICAL
HAZARDS



FOOT
INJURY



FATIGUE/
ERGO RISKS



SLIPS,
TRIPS, FALLS



FAULTY
TOOLS AND
EQUIPMENT

SAFETY SOLUTIONS



FALL PROTECTION

- Latest ANSI-Certified SRLs
- Ergonomic designs for all-day comfort
- Confined space solutions



HEAD & FACE PROTECTION

- Meets & exceeds ANSI Safety Standards
- Proprietary solutions
- Ergonomic designs
- Interchangeable components



WORKWEAR & ELECTRICAL SAFETY

- Robust, rigorously tested workwear
- Arc Flash PPE
- Compliant electrical safety solutions



FOOTWEAR & TRACTION

- Meets & exceeds ASTM F2413-18 Standards
- Extended width and size solutions
- Reduce pain and fatigue



LIFTING EQUIPMENT

- Fleet Service and Maintenance
- Stable and controlled lifting
- Ease of operation
- Diversified offering



ERGONOMIC FALL PROTECTION SOLUTION

Falls from heights are a major risk in the warehousing industry, often resulting in serious injuries or fatalities. Workers on storage racks, mezzanines, or platforms face significant danger without proper fall protection equipment.

- **Ergonomic Harnesses:** Contoured padding reduces fatigue for long-lasting comfort and can improve compliance.
- **Compliance & Safety:** Meets OSHA, ANSI, and CSA standards.
- **Superior Safety:** Trauma straps and wear indicators prevent injuries.
- **Shock-Absorbing Lanyards:** Reduce fall impact and offer flexibility.
- **User-Friendly Connectors:** Lightweight, secure, and corrosion-resistant.
- **Enhanced Worksite Efficiency:** Ergonomic designs boost comfort and productivity.

WORK SITE AREA



HAZARDS & RISK



MORE FALL PROTECTION SOLUTIONS



SELF-RETRACTING LIFELINES

- Quick braking to minimize fall distance.
- Corrosion-resistant and durable housing.
- Lightweight, compact design for ease of use.
- High-strength cables and impact indicators for reliability.
- Meets ANSI Z359.14-2021 and OSHA requirements.



LIFELINES AND ROPE GRABS

- Auto-locking, adjustable for secure positioning.
- High-strength, abrasion-resistant lifelines.
- Corrosion-resistant, durable materials.
- Simple installation for varying heights.
- ANSI and OSHA compliant.



FULL-BODY HARNESSES & BELTS

- Ergonomic design to for enhanced comfort.
- Stab Lock buckles for quick donning.
- High-visibility two-tone design
- Five adjustment points for secure fit.
- ANSI Z359.11 and CSA Z259.10 certified.



JACKSON[®] sellstrom[®]

PPE AND WELDING SOLUTIONS

Above-the-neck safety in the warehousing industry is crucial to protect workers from head injuries caused by falling objects, eye damage from flying debris or dust, and hearing loss from loud equipment. Essential protective equipment includes hard hats, safety glasses, face shields, and hearing protection to maintain a safe working environment.



- **Proven Expertise:** Nearly a century of leadership in safety solutions.
- **Innovative Designs:** Feature-rich products enhancing safety and satisfaction.
- **Comprehensive Protection:** Full range of welding, eye, face, head, and hearing protection.
- **Rigorous Testing:** Exceeds OSHA, ASTM, CSA, CE, and NIOSH standards for quality.
- **User-Centric:** Durable, comfortable designs boosting productivity in any industry.

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FORKLIFT OPERATION ZONES



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COLD STORAGE AND REFRIGERATION ROOMS



WELDING AND FABRICATION ZONES



MACHINE MAINTENANCE ZONES

HAZARDS & RISK



WORKING AT HEIGHTS



HEAD, FACE & EYE



LOW VISIBILITY



ELECTRICAL HAZARDS



FOOT INJURY



FATIGUE/ERGO RISKS



SLIPS, TRIPS, FALLS



FAULTY TOOLS AND EQUIPMENT



IMPACT RISKS



PENETRATION RISKS



FLYING/HIGH-VELOCITY DEBRIS



IMPROPER FIT



FOGGING/SCRATCHES & DAMAGE



HEAT AND SPARKS

COMPLETE ABOVE THE NECK SAFETY SOLUTIONS



HEAD PROTECTION

- Hard Hat Interchange System for seamless integration with face shields and welding helmets.
- Compatible with other PPE for comprehensive safety.
- Meets ANSI Z89.1 standards for industrial protection.



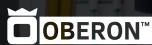
EYE & FACE PROTECTION

- Strong materials with soft-touch temples and slip-resistant nosepieces for extended wear.
- Wraparound design with polycarbonate lenses offering 99.9% UV protection.
- Meets ANSI Z87.1 and CSA Z94.3 for reliable impact safety.



WELDING SAFETY

- Auto-darkening helmets for better visibility and protection.
- Interchangeable with hard hats for continuous safety.
- Meets ANSI Z87.1 standards for welding protection.



SAFETY WORKWEAR SOLUTIONS

Hi-vis and FR workwear are critical in the warehousing industry to enhance visibility, protect workers from potential hazards, and meet safety standards. These apparel reduce the risk of accidents, provide durability and comfort, and foster a safer, more efficient work environment.



- **Unmatched Safety Standards:** Meets and exceeds industry requirements such as CSA, ANSI/ISEA, NFPA and ASTM.
- **Innovative Technology:** Advanced solutions in FR, weather protection, and durability.
- **Comfort and Fit:** Diverse sizes and styles provide proper-fitting PPE for men and women.
- **All-Weather Performance:** Reliable gear for extreme environments and changing conditions.
- **Legacy of Trust:** Trusted brands with a proven history of safety leadership and expertise.

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SLIPS, TRIPS, FALLS



FAULTY TOOLS AND EQUIPMENT



VEHICLE AND MACHINERY COLLISIONS



LOW-LIGHTING CONDITIONS



HEAT, FLAME & ELECTRICAL ACCIDENTS



BLIND SPOTS ON WORKSITES



CROWDED WORKSPACES



HEAVY TRAFFIC AND DISTRACTED OPERATORS

MORE SAFETY WORKWEAR SOLUTIONS

HI-VIS HOODIES

- Bright colors and reflective materials for safety in low light.
- Durable, comfortable materials for tough jobs.
- Meets and exceeds ANSI/ISEA 107 and other industry safety standards.



HI-VIS VESTS

- Comfortable fabric with bright and reflective tape.
- Breathable, lightweight design for hot, active workdays.
- Meets and exceeds ANSI/ISEA 107 and other industry safety standards.



FR ARC-RATED SHIRTS

- Provides an arc rating of 10 cal/cm², suitable for PPE Category 2 tasks.
- Crafted from flame-resistant cotton nylon.
- Meets and exceeds NFPA 70E standards for electrical safety.
- Suitable for electrical hazards





ELECTRICAL SAFETY SOLUTIONS

Electrical safety workwear is vital in the transportation industry to protect workers from electrical hazards, enhance visibility, and ensure compliance with standards like NFPA 70E and ASTM F1506. They minimize the risk of accidents, provide durable protection, and support a safer, more efficient work environment.



- **Standards Leadership:** Influences industry safety standards through active participation in ASTM and ANSI committees.
- **ISO Certified:** ISO 9001 accreditation ensures consistent quality and excellence.
- **Full Compliance:** Meets NFPA 70E, CSA Z462, ASTM F1506, and ANSI Z87.1 standards for maximum safety.
- **Innovative Solutions:** Advanced technologies like TCG™ lenses enhance safety and visibility.
- **Proven Expertise:** Decades of experience delivering reliable electrical safety solutions.

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SLIPS, TRIPS, FALLS



FAULTY TOOLS AND EQUIPMENT



FAULTY EQUIPMENT



MAINTENANCE ON ELEVATED STRUCTURES



ARC FLASH INCIDENTS



SEVERE BURNS AND INJURIES



ELECTRICAL EQUIPMENT SERVICING/TESTING



LACK OF TRAINING

MORE ELECTRICAL SAFETY SOLUTIONS

TECHNICAL SERVICES:

- Electrical Safety programs
- Training options
- Custom consulting services
- Engineering services
- Site Audits
- PPE Assessments and Testing



ARC FLASH KIT (HOOD, COAT, AND BIB)



- ANSI/ISEA Level 2 and Arc Flash PPE Category 4 with a 46 cal/cm² rating.
- Clear TCG Series hood window with anti-fog and scratch-resistant coatings.
- Ventilated hood with optional LED light and lightweight flame-resistant fabric.
- Reflective striping, dual-stage zipper, and adjustable suspenders for easy wear.
- Made in the USA.

ARC FLASH KIT WITH ESCAPE STRAP



- Meets ANSI/ISEA 125 Level 2 and PPE Category 2 with 12 cal/cm² arc rating.
- Includes TCG™ hard cap, shield, balaclava, coveralls, and storage bag.
- Balaclava and coveralls made from inherently FR fabric.
- Safety Feature: 20' Kevlar® strap for rescue or communication.
- Made in the USA.



SAFETY FOOTWEAR SOLUTIONS

The warehousing industry risks foot injuries from falling objects, sharp debris, and slips on wet or uneven floors, emphasizing the need for protective footwear such as safety-toed and slip-resistant boots.

- **Comprehensive Protection:** A wide range of safety toe options and features like slip-resistant soles and anti-perforation midsoles.
- **All-Day Comfort:** Ergonomic designs and cushioned insoles reduce fatigue.
- **Versatile Options:** Styles range from lightweight athletic shoes to rugged work boots.
- **Inclusive Sizing:** Available in a wide range of sizes, including larger options, to accommodate every worker.
- **Advanced Technology:** Water-resistant uppers, moisture-wicking linings, and heat resistance enhance safety and functionality.



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SLIPS, TRIPS, FALLS



FAULTY TOOLS AND EQUIPMENT



FALLING OBJECTS



PUNCTURES



SLIPS AND TRIPS



ELECTRICAL HAZARDS



CRUSHING INJURIES



FATIGUE/ DISCOMFORT

MORE FOOTWEAR STYLES



AIRWALK

- Combines safety and modern design.
- Durable outsoles – slip, oil, and electrical hazard resistant.
- Work-to-Casual – versatile for work and everyday wear.



NEW BALANCE

- Built on 100+ years of performance expertise.
- Safety toes, slip resistance, and hazard protection.
- Long-lasting with sleek, modern designs.



NAUTILUS

- Lightweight, flexible construction
- Meets ASTM standards
- Stylish: Sleek, versatile design
- Meets strict safety compliance



**MEGA
COMFORT**

ERGONOMIC ANTI-FATIGUE SOLUTION

Workers in the warehousing industry face fatigue and musculoskeletal disorders (MSDs) from continuous standing, repetitive tasks, and handling heavy loads. Implementing ergonomic solutions and providing supportive footwear are essential to reduce these risks and enhance worker well-being.



- **Ergonomic Patented Dual-Layer Memory Foam:** High-density, 100% memory foam absorbs shock.
- **Clinically Proven Comfort:** Developed and field-tested to reduce pain and fatigue.
- **Injury Prevention:** Protects against puncture injuries
- **Reduced Musculoskeletal Strain:** Alleviate pressure on joints and muscles
- **Improved Comfort and Endurance:** Relieves foot strain, enabling construction workers to remain comfortable and productive all day.

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FAULTY
TOOLS AND
EQUIPMENT



AWKWARD
POSTURE



REPETITIVE
MOTION



FORCE



BALANCE

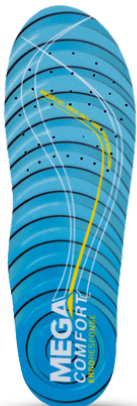


SLIPS,
TRIPS, FALLS



HARD
SURFACES

MORE ERGONOMIC SOLUTIONS



ERGO RESPONSE

- Patented dual-layer memory foam
- Ergonomic design
- Soft, contoured arch support
- Gel enhanced cushioning
- Machine washable



ERGO FIRM SUPPORT

- Firm arch support
- Patented dual-layer memory foam
- Cost-effective orthotic alternative
- Enhanced heel stability and motion control
- Ergonomic design



ERGO THERMAL

- Solarcore Thermal Technology
- Patented dual-layer memory foam
- Ergonomic design
- Soft, contoured arch support
- Designed for cold environments



INDOOR & OUTDOOR TRACTION SOLUTIONS

In the warehousing industry, outdoor-to-indoor movement during extreme weather poses significant hazards. Workers transitioning from icy or snowy surfaces outside to potentially wet or slippery floors indoors face an increased risk of slips and falls, making proper footwear and floor maintenance essential for safety.

- **Indoor and Outdoor Solutions:** Spiked and spikeless options for icy outdoor and slip-resistant indoor use.
- **Diverse Range:** Mid-sole, heel-stop, and full-foot designs for various needs.
- **Footwear Versatility:** Fits industrial boots and casual shoes for any environment.
- **Award-Winning:** Recognized for excellence in winter safety products.
- **User-Centric Design:** Enhanced comfort and functionality from professional feedback.
- **Durable and Reliable:** Built to withstand harsh conditions and ensure long-lasting safety.

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SLIPS, TRIPS, FALLS



FAULTY TOOLS AND EQUIPMENT



SLIPS ON WET OR OILY SURFACES



FALLS ON UNEVEN TERRAIN



LOSS OF GRIP ON ICY OR SNOWY SURFACES



INSTABILITY ON INCLINED OR SLOPED SURFACES



ICY OR SLICK FLOORS IN COLD STORAGE



HANDLING SPILLAGES

MORE TRACTION SOLUTIONS



DUE NORTH GRIPPRO SPIKELESS

- Spikeless for grip on ice and snow without damaging indoor surfaces
- Easy on/off and flexible fit
- Ladder-friendly



K1 SERIES MID-SOLES

- Easily rotate from spikes to spikeless
- Superior grip and durability
- Available in 4 profiles and Intrinsic for hazardous environments



K1 SERIES SAFEGRIP

- Provides maximum grip on slippery surfaces covered in water, oil, grease, soap, and more
- Special tread pattern channels liquids away while increasing foot contact with the ground



ALL-WEATHER PROTECTION.

The warehousing industry faces hazards from extreme weather, including frostbite, heat stress, and slips on icy or wet surfaces. Weather-resistant, insulated footwear and proper safety measures are essential to reduce these risks and ensure worker safety.



- **Insulation & Waterproof Protection:** Durable nylon uppers provide 100% waterproofing and keep feet warm and dry in wet environments.
- **Enhanced Traction:** Multiple outsole options, including removable studs, provide superior grip and reduce slip risks.
- **Versatile Design:** Fits over everyday footwear, accommodating various styles and sizes.
- **Lightweight & Packable:** Easy to pack and carry, ensuring readiness for changing weather.
- **Long-Lasting Durability:** Advanced materials deliver reliable performance in extreme conditions.

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SLIPS ON WET OR MUDDY SURFACES



FALLS ON UNEVEN TERRAIN



RISK OF FROSTBITE AND HYPOTHERMIA



ICE AND SNOW HAZARDS



CLIMBING RISKS



EXPOSURE TO ELECTRICAL HAZARDS

MORE OVERSHOE SOLUTIONS

EXPLORER™ INSULATED OVERBOOTS



- Insulated -29° C / -20° F
- 500 Denier nylon keeps feet dry.
- Perma outsole for secure footing.
- Lightweight and secure over existing footwear.

VOYAGER GP



- Insulated -18° C / 0° F
- Rubber with fiberglass-infused rubber GripPro™ pads
- Electrical Hazard
- Security Friendly
- Slip Resistant

KLONDIKE GP



- Insulated -29°C / -20°F.
- Grip Pro technology for superior grip.
- W-Strap ensures a snug fit over footwear.
- Glove Grip enables easy adjustments.
- Flex Tongue enhances fit and flexibility.



LIFTING EQUIPMENT AND TOOLS

Defective tools in manufacturing can lead to electrical shocks, equipment failures, and injuries from flying debris or tool breakage. Routine inspections and proper maintenance are essential to ensure safety and reduce the risk of accidents.

- **Trusted Legacy:** Decades of expertise in premium heavy-duty equipment.
- **Extensive Range:** Wide product lineup, from jacks to shop equipment.
- **Built to Last:** Durable, safe designs with heavy-gauge steel and overload protection.
- **Nationwide Support:** Hundreds of service depots across the U.S. for reliable maintenance.
- **Customer Focused:** Commitment to quality, safety, and exceptional service.

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FAULTY TOOLS AND EQUIPMENT



HEAVY LOAD HANDLING



LIMITED MOBILITY AND PRECISION



ERGONOMIC STRAIN



ORGANISATION AND CLUTTER



EQUIPMENT MALFUNCTION



TOOL ACCESSIBILITY

MORE LIFTING EQUIPMENT & TOOLS

PALLET JACK



- Supports up to 5,500 lbs with a durable steel frame.
- Efficient Lifting: Handles loads from 3" to 7.75" with ease.
- Easy Maneuvering: 180° steering and polyurethane wheels for smooth navigation.



TRANSMISSION JACK

- Supports up to 4,400 lbs for heavy-duty transmissions.
- Telescoping, low-profile, and high-lift models with hydraulic or air-assist.
- Easy alignment, adjustable saddles and 360° handles for precise positioning.



AIR END LIFT

- Supports up to 500 lbs with strong polypropylene construction.
- Smooth mobility, features 5" casters for easy movement.
- Spacious design: Includes a 36" x 24" tray for ample tool storage.