



PRODUCT CATALOG

MIDDLE EAST & AFRICA REGION

Top Brands • Total Solutions • One World



2025

6TH EDITION

www.safetyplusworld.me



ABOUT US - RAJA GROUP



RAJA INTERNATIONAL - SHARJAH (UAE)

Safety Plus World, a division of Raja International General Trading, revolutionizes Health, Safety, and Environment (HSE) standards and practices. Since 1996, we've been trailblazers in HSE solutions, starting in Kuwait and now a force in the UAE. As the leading Safety Equipment Distributor in the Middle East, our portfolio boasts elite Personal Protective Equipment (PPE), cutting-edge Gas Detection devices, SCBAs, and complete Fall Protection solutions. Our commitment extends beyond products to encompass comprehensive safety solutions, expert training and consultation. Safety Plus World represents excellence: merging TOP BRANDS, TOTAL SOLUTIONS, into ONE WORLD, to create a safer tomorrow. Experience the pinnacle of safety innovation with us.

RAJA COMPANY - KUWAIT

Raja Company W.L.L. Kuwait is gearing up in 2025 to complete 65 years of running a successful business enterprise in the State of Kuwait. Through these years, the company has grown and diversified into numerous divisions and activities namely Industrial Safety and Contracting, Kitchen Equipments, Restaurants, Training, Consumer Goods Distribution, Web & E-Commerce Solutions, ERP Solutions, Digital Marketing, SEO, SEM, Corporate Gifts, Brand Identity, Mobile App Development, Interior Design, Fabrication and Turnkey Solutions.

OUR DIVISIONS



MIDDLE EAST & NORTH AFRICA'S FIRST COMPREHENSIVE ONLINE SAFETY STORE

Be the first to start selling your products on the
Middle East and North Africa's foremost safety online store



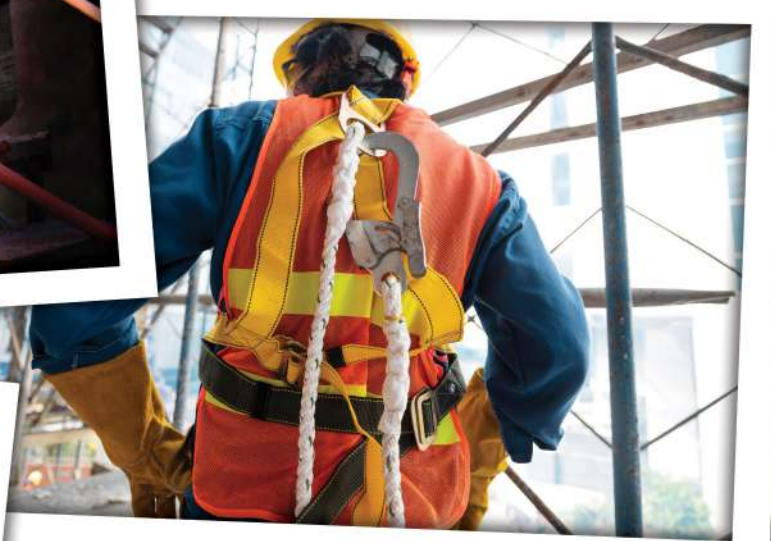
Does your products have the awareness or reach in the Middle East and North Africa region? How about selling your products on an online store only for safety solutions?

Register now on www.ibuysafety.ae/registration_form

Raja International our new venture set up in 2017 at Sharjah Free zone, UAE, will complement our thrust in the MENA region and enhance our logistics and marketing support for our products listed on the new ecommerce platform. (www.ibuysafety.ae)

ITS ABOUT TIME WE REVOLUTIONIZE SAFETY SHOPPING FOR ALL OUR CONSUMERS!

PERSONAL PROTECTIVE EQUIPMENT





DESERT GOLD ANSI SERIES HARD HAT

Model No.: SP102AS

- Material: HDPE shell
- Adjustable size: 6.5-8 inch
- 2 point chin strap
- 6 point ratchet suspension
- Available colors: White, yellow & navy blue
- Standards: ANSI/ISEA Z89.1-2014 (R2019), Type I, Class E, G & C, LT (low temp.), HT (high temp.)



BULLARD HARD HAT

Model No.: S61

- Bullard S61 is an impact, penetration and electrical insulation. Available with a 4-point self-sizing pinlock. Made from high-density polyethylene.
- Available colors: White, yellow, blue, red, green, etc.
 - Standards: ANSI/ISEA Z89.1-2014 (R2019) Class E and G



BULLARD FULL BRIM HARD HAT

Model No.: S71R

- A wide brim extends the area of rain and sun protection offered by the model S71 hard hat
- Highly absorbent cotton replaceable brow pad for added comfort
- Four-point suspension has a Flex-Gear® ratchet suspension with a ratchet sizing knob and flex points for a personal fit
- Accessory slots allow for mounting faceshields, welding helmets, earmuffs and headsets
- Standards: ANSI/ISEA Z89.1-2014, Type I, Class E and G



BULLARD HARD HAT

Model No.: S62

- Bullard S62 is the standards series vented hard hat
- 4-point ratchet suspension system with cotton absorbent brow pad
- Vented shell design for increased ventilation and worker comfort
- ANSI/ISEA classification: Z89.1-2014, Type I, Class C





HEAD PROTECTION

BULLARD LT SERIES STRUCTURAL FIRE HELMET

Model No.: LTX

LT Series fire helmets are designed bullard tough for extreme conditions. The tough shell, lightweight and compact design have been reengineered to offer even more headroom and comfort – making it the most comfortable low profile helmet on the market.

Available Colors: Yellow & red

NFPA Approved

The LT fire helmet exceeds the NFPA 1971, standards on protective ensemble for structural fire fighting pertaining to structural fire helmets.



BULLARD FACE SHIELD WITH VISOR

Model No.: 300B (Carrier)

Model No.: 480P (Visor)

Bullard's redesigned line of nylon dielectric brackets offers superior protection with increased versatility and comfort. Users can choose band or slot-mounted styles that securely attach to their cap model hats. Enhancements made to the re-engineered line of brackets include:

- Stylish, sleek, cohesive look throughout the line
- Ergonomic design with easy-to-grip knobs
- Flexibility to accommodate all bullard hard hats & the bullard bump cap
- Band-mounted brackets that fit competitor models
- Visor retainer system that securely locks visor in place

Bullard's nylon dielectric brackets are made from lightweight, durable nylon that is ideal for general-duty applications.

300B - Dielectric nylon bracket, front mounting for cap style models S51, S61, S62, C30, 911C and advent

480P - Clear, heat-formed, multi-fit polycarbonate visor, 8" x 15" x 0.040" for use with bullard brackets and most competitive models





Model No.: SPOTG305SM (Smoke)

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Model No.: SPSG306GLSM (Smoke)

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7





EARSafe EARPLUGS

Model No.: SP201-EPC (corded)

- PU foam bullet shape earplugs
- Comfortable for wide range of ear sizes
- Bright fluorescent yellow for visibility
- Can be used with other personal protective equipment
- Standards: ANSI S3.19-1974 & EN352-2:2020
- SNR 37dB | NRR 33dB | Class 5



EARSafe HELMET MOUNTED EARMUFF

Model No: SP202-EM

- Dielectric (no metal parts)
- Comfortable style
- Helmet mounted earmuff
- Bright fluorescent yellow for visibility
- Material: ABS
- Standards: ANSI S3.19-1974 & EN352-3:2020
- SNR 30dB | NRR 25dB | Class 5



RADIANS SILENCER™ EARMUFF IN CLAMSHELL

Model No.: SL0130CS

- Packaged in clamshell
- High quality hearing protection
- Rugged, durable design
- Dielectric construction
- Can be combined with earplugs for the ultimate in hearing protection
- Padded headband
- NRR 26 dB



RADIANS RESISTOR® 32 DISPOSABLE FOAM EARPLUG

Model No: FP70-B250

- Offers natural fit and seal for the ear canal
- Bulk 250 pair of uncorded resistor foam earplugs
- Comfortable, tapered shape
- Smooth shiny surface repels dirt
- Low pressure, self adjusting foam offers extended comfort and quick recovery time
- Standards: ANSI S3.19
- NRR 32 dB





RESPIRATORY PROTECTION

BLS FULL FACE MASK

Model No.: 5600 B-LOCK

- **Face Seal**

Available in soft thermoplastic rubber (BLS 5600) or silicone rubber with FDA certification (BLS 5700) for better comfort

- **Face Piece in Silicone**

Guarantees performance and duration

- **Anti-Fog**

Designed to avoid fogging on the visor through the control of the cold and hot air flows inside the mask, instead of treatments which can easily be spoiled with use

- **Visor (Live Visor)**

Optical class 1 (EN 166), allows a panoramic visual field without optical distortions. A vitrification treatment on its surface makes it scratch resistant. It is also impact tested: MIL-STD-662F:1997 (V50 ballistic test for armour)

- **Harness (Komfort)**

Fixed on 6 points directly on the rigid body of the mask in order not to deform the face seal. It allows to distribute the weight of the respirator evenly without leaving face marks



BLS 4000 NXT

BLS 4000 Nxt half mask respirators with twin bayonet filter connection have an ease of maintenance and are available with ready to use premounted kits with filters.

BLS gas & vapor cartridges	
BLS211 A2	Organic vapor
BLS213 ABE1	Organic vapor/acid gases
BLS244 K2	Ammonia/methylamine
BLS 214ABEK1	Multi-Gas/vapor
201-3	Particulate filters



BAYONET CONNECTION

This connection is highly intuitive allowing a quick and safe hold on the mask. It has a locking feedback allowing the user to know if the filter has been properly placed.



Harness

Fixed on 2 points directly on the rigid body of the mask allowing to distribute the weight of the respirator evenly without leaving face marks.

Face piece

Available in soft thermoplastic rubber (4000 R) or silicone rubber (4000 S) and in two sizes (S/M and M/L) for better comfort and perfect fit.

Easy and fast maintenance

It can be disassembled in less than a minute making cleaning and maintenance much easier.





GVS ELIPSE® P3 RESPIRATOR WITH REPLACEMENT FILTERS

Model No.: SPR299 (S/M) & SPR501 (M/L) mask with P3 filter

Model No.: SPR337 (S/M) & SPR502 (M/L) mask with P3 nuisance odour filter

Compact, lightweight and flexible design which adapts and fits perfectly to the face and offers a full range of vision without interfering with other eye or ear protection which users are required to wear.

Elipse come in two sizes: S/M and M/L

Certifications

- Mask conforms to EN 140:1998
- Filters conform to EN 143:2000 + A1:2006
- Masks and filters are CE certified

Storage Life

- Elipse P3 RD: & elipse P3 nuisance odour RD: 5 year

Applications

- Welding and grinding (metal fumes and dust)
- Construction (silica dust, asbestos, concrete dust, stone dust, aggregate dust, wood dust, cement dust & mold)
- Manufacturing (glass fibres, composite fibres & lead fumes)
- Pharmaceutical (powders & viruses)



GVS ELIPSE® INTEGRA COMBINED EYE & RESPIRATORY PROTECTION

Model No.: SPR407 (S/M) & SPR406 (M/L) mask with P3 filter

Model No.: SPR404 (S/M) & SPR405 (M/L) Mask with P3 nuisance odour filter

Compact, lightweight and flexible design which adapts and fits perfectly to the face and offers a unique and innovative combined protection, reducing risks of non-compatibility, non-conformity and mist build-up. Elipse® Integra come in 2 sizes S/M and M/L.

Certifications

- Integra mask (goggle combined) conforms to EN 140:1998
- Integra mask (goggle combined) conforms to EN 166:2002
- Particulate filters conform to EN 143:2000+A1:2006
- Gas and combined gas & particulate filters conform to EN 14387:2004+A1:2008
- Integra masks and filters are CE certified

Storage Life

- 3 years, for mask & filters for gases
- 5 years, for mask & filters for particulates
- 3 years, for mask & filters for particulates with nuisance odour

Applications

- A organic gases & vapours with a boiling point above 65°C
- B inorganic gases & vapours (excluding carbon monoxide)
- E sulphur dioxide and other acidic gases and vapours
- K ammonia and organic ammonia derivatives
- AX certain organic gases and vapours with a boiling point ≤ 65°C. For single use only





POWERED AIR PURIFYING RESPIRATORS (PAPRS)

Respiratory Protection Reimagined

The RPB PX5 changes the way people experience clean filtered air across multiple industries – from medical and chemical settings, through to the profoundly harsh environments of foundries. Weighing just 1.16 kg with the HEPA cartridge/filter fitted and between 1.65 kg and 1.7 kg with a gas cartridge/filter fitted, the PX5 allows you to get more out of your day by reducing the effects of fatigue.



PX5 PAPR INDUSTRIAL STARTER PACK

Model No.: 03-801-FR-EUUK

- PX5® PAPR blower
- Rechargeable battery and charging bank (EU and UK plug)
- Flame retardant belt
- Flow tester
- 1 x HEPA (P3) filter
- 1 x Spark arrestor
- 1 x pack of pre-filters (10pcs)



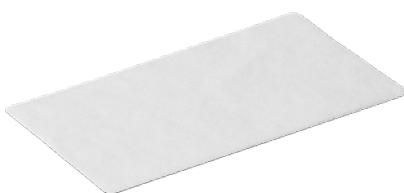
HEPA P3/FILTER

Model No.: 03-892-P



PRE-FILTER (PK 10)

Model No.: 03-890



SPARK ARRESTOR

Model No.: 03-891



COMBINATION HEPA A2P3 GAS FILTER

Model No.: 03-893-A2



COMBINATION HEPA ABEKP3 GAS FILTER

Model No.: 03-895-ABEK



COMPLETE CHARGER KIT

Model No.: 03-851-DC-EUUK





EASY CLEAN BACKPACK ASSEMBLY

Model No.: 03-822-DC



FLAME RETARDANT BACK HARNESS ASSEMBLY

Model No.: 03-822-FR



SHORT BREATHING TUBE FOR BACKPACK ASSEMBLY

Model No.: 04-841



BATTERY

Model No.: 03-855



T-LINK RESPIRATOR, BUMP CAP

Model No.: 17-110-12-CE

- Bump cap
- Tychem® 2000 hood
- PX5® breathing tube



Z-LINK RESPIRATOR - ZYTEC® FR CHIN SEAL

Model No.: 16-010-31-CE

- Safety lens
- Chin seal zytec FR
- PX5® breathing tube



Z-LINK RESPIRATOR - ZYTEC® FR SHOULDER CAPE

Model No.: 16-010-21-CE

- Safety lens
- Zytec FR shoulder cape
- PX5® breathing tube



Z-LINK RADIANT HEAT RESPIRATOR

Model No.: 16-010-24-CE

- Safety lens
- Aluminized shoulder cape, top rear & breathing tube cover
- PX5® breathing tube



Z4 RESPIRATOR WELD/ GRIND STARTER PACK

Model No.: 17-110-12-CE

- 11.1 ADF lens
- Flame retardant face seal
- Slim-line ear muffs
- PX5® breathing tube
- PX5® PAPR blower
- Rechargeable battery & charging bank (EU and UK plug)
- Flame retardant belt
- 1 x HEPA (P3) filter
- 1 x spark arrestor
- 1 x pack of pre-filters (10pcs)



rpb



RESPIRATORY PROTECTION

IEVAC SMOKE FIRE HOOD

Model No.: EBP-900 (Hood) | Model No.: EBP-270 (Pouch)

The first and only hood certified to the American National Standards for Smoke Escape Devices

- Maintenance-free • Latex-free
- At 9.5 in. (240mm) can withstand up to 1700°F (927°C) in radiant heat
- Twin filters for easier breathing • Protects lungs, head, eyes and face
- Improved field of view compared with single filter in front
- Hood is a clear material resulting in an unobstructed field of view
- High visibility reflective strips for easy recognition
- Highest level of protection maintained by silicone neck dam
- Can be used with eyeglasses, beards and long hair
- Packaged in puncture and water-proof laminate barrier
- Quick and easy donning • One universal size
- Tested & Certified to ASTM E2952



BULLARD AIRGUARD PORTABLE AIR QUALITY BOX

AirGuard is an innovative next-generation solution in portable air quality products. It integrates breathing air filtration with sensors for carbon monoxide (CO) and differential dew point for both safety and breathing air comfort. Designed with the user in mind, AirGuard has an external easy-to-read display to communicate threats beyond general audible alarm warnings. The display is readable from over 30 feet allowing for a quick response when AirGuard detects a hazardous situation.

Model No.: AGD15HA

15 CFM Airguard Unit – Industrial Interchange (Hansen) Fittings



Model No.: AGD30HA

30 CFM Airguard Unit – Industrial Interchange (Hansen) Fittings



Model No.: AGD50HA

50 CFM Airguard Unit – Industrial Interchange (Hansen) Fittings



BULLARD CLEAN AIR BOXES (CAB)

Bullard Clean Air Boxes (CAB) offer superior breathing air filtration in a durable easy to use format. OSHA requires that employers provide their workers wearing airline respirators with grade D breathing air. Bullard Clean Air Boxes provide 3-stage filtration and carbon monoxide (CO) monitoring to help meet this requirement.

Filtration capacity

- CAB15 cfm (425 lpm) at 110 psi (7.5 bar)
- CAB30 cfm (850 lpm) at 110 psi (7.5 bar)
- CAB50 cfm (1415 lpm) at 110 psi (7.5 bar)
- CAB100 cfm (4248 lpm) at 110 psi (7.5 bar)





SIBATA MASK TESTER PRO

Model No.: MT-05U

- With a single detector (particle counter), MT-05U measures the number of particles in the room (outside the mask) and inside the mask alternately to quantify how tightly the mask fits the face. As a result, errors due to differences in detector characteristics are reduced
- There are four modes: Daily check mode, fit test mode, fit check mode, and training mode, that enable a user to use according to the application
- Measurements can be made using a test guide (non-destructive mask test) or a tube joint set (open a mask hole)
- Automatic recording function for measurement results (daily check mode, fit test mode and fit check mode)
- MT-05U communicates with PC using a USB cable
- Leakage rate can be measured while the fitting of the mask is checked by using attached mirror
- Standards: CE, FDA, Code 95R-EN and not explosion proof



Intended Measurement	Mask-to-face fit evaluation
Measurement Items	$\pm(3\% + 0.2)$
Principle of Measurement	Particle count concentration measurement by laser beam scattering (determination of dust particle count ratio between indoor air and in-mask air)
Measurement Ranges	Counting range: 0 to 9999999 counts Leakage percentage: 0 to 100% Fit factor: 1 to 1000000
Suction Flow Rate	1 L/min
Built-in Functions	Leakage percentage and Fit factor calculation functions; heating tube temperature control function; dryer function; RS-232C output function; USB communication function; and logging function (up to 200 logs for each of Fit Check, Fit Test and Daily Check)
Usage Environment	0 to 40°C, 30 to 90% RH (no condensation)
Power Supply	100 to 240 $\pm 10\%$ VAC, 50/60 Hz, approx. 0.5 A
Main Unit Dimensions	210 (W) x 240 (D) x 232 (H) mm (excluding protrusions)
Main Unit Mass	Approx. 3kg
Accessories	One AC adapter (fitted with a plug; supplied with four spare plugs) Two pcs of sampling tube (pair tube) 1.5 m One strap clip One high-performance zero check filter One tube joint set type M 100 pairs/set One Tube joint attachment tool type M Two suction port caps One external output connector cap One USB connector cap One CD-ROM (communication software, USB driver & operation manuals) One USB cable (A-mini B) One soft case One manufacturer's inspection and calibration certificate



HAND PROTECTION

ISHIELDU CUT-SHIELD GLOVES

Model No.: ISU4X42CT

- Touchscreen compatible fingertips
- Polyurethane coated palm for great abrasion resistance
- Elasticated knitted wrist provides secure & comfortable fit
- Seamless liner offers increased comfort & breathability

Ideal Applications

- Glass handling • Automatic manufacturing
- Construction • Sharp materials handling
- Component handling



ISHIELDU CUT-SHIELD GLOVES PRO

Model No.: ISU605CP

- Nitrile foam coating provides exceptional grip and enhanced abrasion resistance in dry and lightly wet environments
- Offers protection against contact heat up to 100°C for up to 15 seconds
- Seamless and breathable liner ensures superior comfort while maintaining hand flexibility
- Touchscreen-compatible fingertips for easy use with electronic devices

Ideal Applications

- Construction • Oil & Gas
- Machinery & Equipment • Material Handling



ISHIELDU AIR-SHIELD GLOVES

Model No.: ISU4131AS

- Breathable back of hand to reduce perspiration
- Polyurethane coating offers excellent grip & extra durability
- Perfect for handling small components & carrying out precision works

Ideal Applications

- Loading and unloading items
- Precision handling
- Accessories & spare parts items
- Maintenance works
- Equipment handling



ISHIELDU SUPER-SHIELD GLOVES

Model No.: ISU4121SS

- Lightweight extreme foam nitrile microfoam palm for excellent wet or dry grip & breathability
- Compatible with light oils & excellent abrasion resistance
- Knit wrist helps prevent dirt & debris from entering the glove

Ideal Applications

- Loading and unloading items
- Tools & instruments handling • Small parts handling
- Plumbing • Warehouse work • Light metal fabrication





ISHIELDU RIG-SHIELD ANTI-IMPACT GLOVES

Model No: ISU4544EP

- Sandy nitrile finish with extra padding for excellent grip in wet, dry & oily condition
- Black TPR chips on back for super anti impact protection
- Velcro hook & loop closure at the wrist for snug fit
- Reinforced thumb crotch for extended glove life, enhanced comfort & increased abrasion resistance
- High visibility for increased safety
- Touchscreen compatible fingertips

Ideal Applications

- Oil & Gas industry • Handling heavy duty tools



CHEM-SHIELD GLOVES

Model No.: ISU3101CM

Nitrile compound provides an outstanding combination of chemical resistance and strength. CHEM-SHIELD is a heavy duty chemical resistant flock lined nitrile butadiene glove for chemical and heavy duty applications.

Ideal Applications

- Painting • Cleaning & janitorial
- Chemical handling
- Automotive maintenance & repair





HAND PROTECTION

KONG ORIGINAL IMPACT GLOVES

Model No.: SDX2

- Breathable nylon back of hand
- Impact resistant back of hand
- Double layer synthetic leather dotted palm
- Teflon palm for high water and oil resistance



EN 388:2016



ANSI / ISEA



KONG RIGGER CUT 5 IMPACT GLOVES

Model No.: KRC5

- Exclusive CT5™ cut resistant material
- Patented Diamondclad® silicone fused palm
- Co-developed by OGSC
- Duraclad® rope channel reinforcement
- KONG® metacarpal protection
- KONG® knuckle protection
- KONG® patented finger protection



EN 388:2016



ANSI / ISEA



KONG DECK CREW GLOVES

Model No: KDC5

- DuPont™ teflon® treatment
- Exclusive CT5™ cut resistant material
- 4 layer design
- KONG® metacarpal protection
- KONG® knuckle protection
- KONG® patented finger protection



EN 388:2016



ANSI / ISEA



KONG KNIT CUT A5 IMPACT GLOVES

Model No: KKCA5

- IVE™ patent pending optical technology that extends the field of visual recognition
- Proven maximum coverage impact protection on fingers, thumb, knuckles and metacarpal bones
- 15 gauge cut resistant knit. ANSI A5 / CE CUT "E"



EN 388:2016



ANSI / ISEA





KONG PRO A6 GLOVES

Model No.: SDX2P

- High-Strength palm fabric provides maximum dexterity and high durability
- DuPont™ Kevlar® palm liner delivers ANSI A6/EN 388 level F cut protection
- PVC/Polyurethane palm dots create excellent grip in all environment
- Patented TPR impact design provides complete fingertip pinch protection
- Full TPR coverage delivers up to 80% reduction in impact forces



EN 388:2016



4X44FP



Category 2

ANSI 105



3834g



5

KONG COTTON CORDED IMPACT GLOVES

Model No.: KCCP

- A3 cotton/polyester corded palm
- Polyester knit back of hand
- Airprene slip-on cuff
- KONG impact protection
- Duraclad® saddle reinforcement
- Neoprene Slip Cuff-Snug fit, easy to remove
- Cotton Corded Palm provides heavy duty hand protection



EN 388:2016



1142BP



Category 2

ANSI 105



1046g

KONG HIGH ABRASION DEXTERITY GLOVES

Model No.: SDX2-HAD

- Patented "pinch protection" on the fingertips
- Patented maximum coverage impact protection on fingers, thumb, knuckles and metacarpal bones
- High dexterity and abrasion, most comfortable impact glove
- IVE™ patent pending optical technology that extends the field of visual recognition



EN 388:2016



4331BP



Category 2

ANSI / ISEA



A2



5

KONG CHEMICAL KNIT IMPACT GLOVES

Model No.: KCHA5

- 13 Gauge HPPE/Nylon/Steel/Glass
- 1st Coating = Nitrile (oil resistant)
- 2nd Coating = Nitrile with sandy finish
- IVE™ patented high-visibility technology that extends field of visual recognition
- Proven impact protection on fingers, thumb, knuckles and metacarpal bones for maximum coverage
- No TPR stitching so no punctures in the nitrile dip



EN 388:2016



4X42FP



Category 2

ANSI / ISEA



3719g

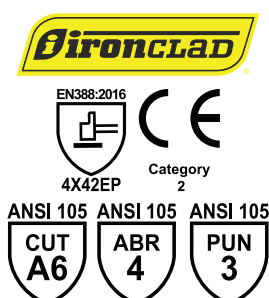


HAND PROTECTION

IRONCLAD COMMAND A6 SN IMPACT GLOVES

Model No: KCI5SN

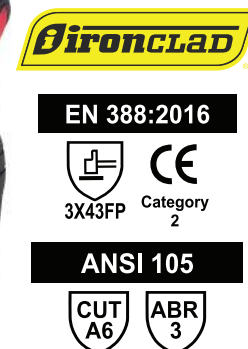
- Sandy Nitrile Command™ Touchscreen Coated Palm for Excellent Grip
- 13 Gauge HPPE/Steel Blended Knit for Balanced Cut Resistance & Dexterity
- Back of Hand Fluorescent Low Profile TPR ANSI Level 2 Impact Protection
- Nitrile Thumb Saddle Reinforcement for Extended Durability
- Color-Coded Thumb Saddle for Visual Safety Check



IRONCLAD MOTOR IMPACT 360 CUT GLOVES

Model No.: IEX-MIGR5

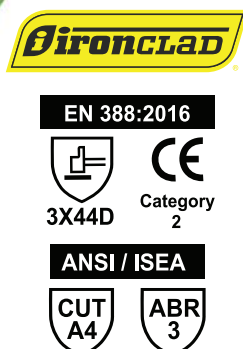
- Command™ synthetic suede with padded palm for full touchscreen capability
- Polyester knit back of hand for breathability
- HPPE blend, 360 cut-resistant ANSI A5 liner
- TPR hook & loop closure for a secure fit
- TPR back of hand, ANSI level 1 impact protection
- Thumb saddle reinforcement for extended durability
- Terry cloth thumb sweat wipe



IRONCLAD LOW PROFILE CLOSED CUFF IMPACT GLOVES

Model No.: LPI-CC5

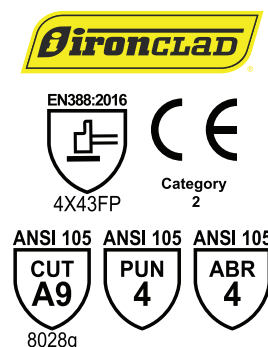
- IVE™ patent pending optical technology that extends the field of visual recognition
- Proven impact protection on fingers, thumb, knuckles and metacarpal bones for maximum coverage
- Cut resistant palm inner liner; level 5 out of 5 on EN388
- Hook and loop closure for easy entry & exit
- Reflective fabric - night time visibility



IRONCLAD COMMAND A9 PU IMPACT GLOVES

Model No.: KCI9PU

- Polyurethane Command™ touchscreen coated palm for superior grip
- 18 gauge HPPE/Tungsten knit for balanced cut resistance & dexterity
- Hi-Viz low-profile TPR with ANSI level 2 impact protection
- Nitrile thumb saddle reinforcement for extended durability
- Color coded thumb saddle for visual safety check





IRONCLAD MOTOR IMPACT GLOVES

Model No.: IEX-MIG

- Full back of hand TPR protection
- Ventilated back of hand flex panel
- Conductive palm & fingers
- Terry cloth sweat wipe
- TPR hook & loop closure
- Impact absorbing palm pads
- Also available in high visibility version IEX-HZI



EN 388:2016



ANSI 105



IRONCLAD COMMAND A6 FN IMPACT GLOVES

Model No: KCI5FN

- Foam nitrile command™ touchscreen coated palm with nitrile dots for grip
- 13 gauge HPPE blended knit
- Full back of hand low profile TPR impact protection
- Color coded thumb saddle reinforcement



IRONCLAD COMMAND A2 PU IMPACT GLOVES

Model No: KCI2PU

- Glove delivers superior dexterity & impact protection
- Polyurethane command™ touchscreen coated palm
- 18 gauge HPPE/Steel knit
- Fluorescent low profile TPR impact protection
- Color coded thumb saddle reinforcement



IRONCLAD VIBRATION IMPACT GLOVES

Model No: WWI2

- Ergonomic gel palm pads
- Contour grip palm design
- Terry cloth sweat wipe
- TPR cuff puller for ease of donning



EN 388:2016





HAND PROTECTION

IRONCLAD EXO HI-VIZ UTILITY GLOVES

Model No.: EXO2-HSY

- Synthetic leather
- EXO embossed palms
- Keeps hands safe while working without limiting dexterity
- Reflective accents for visibility
- Cuff puller for ease of donning
- Terry cloth sweat wipe



EN 388:2003



2121



Category 2

IRONCLAD GENERAL UTILITY GLOVES

Model No.: GUG

- Reinforced synthetic suede palm
- Breathable nylon back of hand
- Hybrid safety cuff
- TPR knuckle impact protection
- Thumb saddle reinforcement
- Terry cloth sweat wipe



EN388:2016



2132



Category 2

ANSI 105



551g

ANSI 105



ANSI 105



IRONCLAD WORKCREW GLOVES

Model No.: WCG

- 55% synthetic leather and 45% stretch nylon
- High performance synthetic suede palm
- Easy on/off operation with constant snug fit
- Breathable nylon back of hand
- Neoprene compression cuff
- Thumb saddle reinforcement
- Terry cloth sweat wipe



EN 388:2003



3121



Category 2

IRONCLAD HEAVY UTILITY GLOVES

Model No.: HUG

- Duraclad® reinforcements on palm
- Hybrid cuff system
- TPR cuff puller
- Terry cloth sweat wipe



EN 388:2003



4132



Category 2

ANSI 105

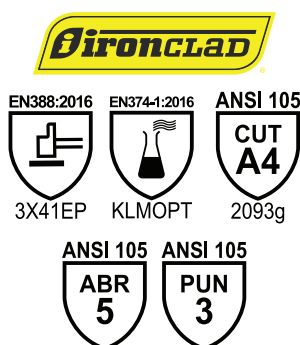




IRONCLAD CHEMICAL CUT A4 GLOVES

Model No.: CHNPI5

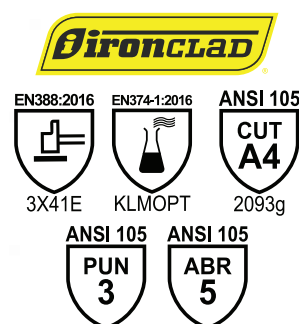
- 15 gauge, cut resistant aramid/steel blended knit
- PVC/Nitrile blended coating
- Sandy finish palm coating
- Patented IVE™ ANSI level 2 back of hand impact protection
- 36cm – 40cm long gauntlet cuff for added protection



IRONCLAD CHEMICAL CUT A4 GLOVES

Model No: CHNP5

- 15 gauge, cut resistant aramid/steel blended knit
- PVC/Nitrile blended coating
- Sandy finish palm coating
- 36cm – 40cm long gauntlet cuff for added protection



CHEMTOUGH GREEN NITRILE POWDER FREE GLOVES

Model No.: X2260GR

CHEMTOUGH green nitrile powder free glove is well known for its superior protection against chemical splashes or hazardous substances. The glove offers good resistance to chemotherapy drugs and it is suitable for heavy chemical industries.

- Ultra-Soft fit that provides easy comfort
- Latex free, reducing potential allergens
- Protection against chemical & dangerous substance
- Full textured for excellent grip
- Standards:
EN ISO 374-1:2016 + A1:2018/Type B
EN ISO 374-5:2016
- Physical Properties:
ASTM standard (before aging)
Elongation of break (%): Min. 500
Tensile strength (Mpa): Min. 14
EN standard (before aging)
Force at force (N): Min. 6
ASTM standard (after aging)
Elongation of break (%): Min. 400
Tensile strength (Mpa): Min. 14





PROTECTIVE CLOTHING

ARC GUARD GDI32 CLASSIC (IFR) COVERALL

Model No.: GDI32-OVL

- Modacrylic based inherent FR
- Weight: 180 GSM
- 8 integrated pockets for user utility
- 360° reflective coverage for better visibility
- Heavy duty brass zipper for rapid undressing
- Special crotch joint for maximum comfort
- Unique no metal part exposed to skin design
- Adjustable cuffs and action-back design for freedom of movement
- Standards: EN 11612, EN 1149, EN 13688, CE, NFPA 2112, HRC 1



ARC GUARD GDI49 CLASSIC (IFR) COVERALL

Model No: GDI49-OVL

- Modacrylic based Inherent FR • Weight: 230 GSM
- Inherent FR for lifelong FR properties
- 8 integrated pockets for user utility
- 360° reflective coverage for better visibility
- Heavy duty brass zipper for rapid undressing
- Special crotch joint for maximum comfort
- Unique no metal part exposed to skin design
- Optional quilted/insulated winter coverall available with PES lining
- Adjustable cuffs and action-back design for freedom of movement
- Standards: EN 11612, EN 1149, EN 13688, EN 61482, CE, NFPA 2112:2023, UL



DISPOSABLE COVERALL

- 100% polypropylene
- With the hood and boot cover
- Single use coverall suit which offers light protection from dirt and grease
- Weight/gsm: 50 gsm
- Available color: White



SAFETY PLUS WORLD TYPE 5/6 CHEMICAL DISPOSABLE COVERALL

Model No: SP700CP

- Style: With hood, elastic wrist/ankle, elasticated waist for optimum fit to body, zipper with flap over & adhesive tape
- Weight/gsm: 63 gsm
- Certified as per CE, Type5, Type6, EN ISO 13688:2013, EN ISO 13982-1:2004+A1:2010, EN 1073-2:2002, EN 13034:2005+A1:2009, EN 14126:2003+AC:2004, EN 1149-5:2018





ARC GUARD GDI32 CLASSIC WINTER (IFR) COVERALL

Model No.: GDI32-WOVL

- Modacrylic based inherent FR
- Weight: 180 GSM • FR Type: Inherent
- Inherent FR for lifelong FR properties
- 8 integrated pockets for user utility
- 360° reflective coverage for better visibility
- Heavy duty brass zipper for rapid undressing
- Special crotch joint for maximum comfort
- Optional quilted winter coverall available
- Adjustable cuffs and action-back design for freedom of movement
- Optional insulated quilting:
Middle: Non-Woven padding, 150 gsm
Lining: 100% polyester, 60 gsm
- Standards: EN 11612, EN 1149, EN 13688, CE, NFPA 2112, HRC 1



ARC GUARD GDI49 CLASSIC WINTER (IFR) COVERALL

Model No: GDI49-WOVL

- Modacrylic based inherent FR
- Outer Layer: 230 GSM
- Middle Layer: 100% polyester non woven wadding, 140 GSM
- Inner Layer: 100% polyester taffeta, 60 GSM
- Two chest pocket, flap closure with VT-5 snaps
- Two side cross vent pkt closure with VT-5 snaps
- Two back pkt flap closure with velcro
- Tool/Utility pkt in right back leg
- Front placket closure with two way 5 No GDI
- Brass zipper
- 50mm silver color FR reflective tape on shoulder, both sleeves and legs with double stitched
- Standards: EN 11612, EN 1149, EN 13688, EN 61482, CE, NFPA 2112:2023, UL



ARC GUARD WOVEN MAGIC IFR COVERALL

Model No.: GDI33-OVL

- 93% meta-aramid, 5% para aramid, 2% antistatic
- Weight/gsm: 150gsm
- Inherent fire retardant woven millmade fabric
- Available colors: Navy blue, khaki & royal blue
- Standards: NFPA 2112:2023 & UL





PROTECTIVE CLOTHING

PROTECSAFE FIRE PROXIMITY SUIT

- Outer Shell: Nomex®IIIA
- Moisture Barrier: PTFE membrane
- Thermal Barrier: FR non woven (Nomex®/Kevlar) quilted to face cloth
- Jacket and trouser manufactured with inherent flame retardant threads
- FR zipper + FR velcro + HR buckles + HR buttons
- Nomex®IIIA extra additional layer of outer shell fabric is provided at the knee portion as the best reinforcement to enhance the life of the garment during kneeling or any such operation
- Size: S to XXXL (The size of jacket and trouser confirming to EN 13688:2013 harmonized)
- Color: Navy blue, red & yellow



ARC GUARD GDI32 WINTER JACKET

Model No.: GDI32-WJKT

- Modacrylic based inherent FR

Specs:

- Pocket style: Triangle
- Placement of pockets:
2 chest pockets | 2 abdominal pockets
1 pen pocket on left sleeve

Composition:

- Shell: GDI32 (MOD: COT : PA: AS)
- Middle layer: Non-Woven padding
- Lining: 100% polyester

Weight:

- Shell: 180 gsm
- Middle: 150 gsm
- Lining: 60 gsm
- Standards: EN 11612, EN 1149, EN 13688, CE, NFPA 2112, HRC 1



ARC GUARD GDI49 WINTER JACKET

Model No.: GDI49-WJKT

- Modacrylic based inherent FR

Specs:

- Pocket style: Triangle
- Placement of pockets:
2 chest pockets | 2 abdominal pockets
1 pen pocket on left sleeve

Composition:

- Shell: GDI49 (TENCEL: MOD : PA: AS)
- Middle layer: Non-Woven padding
- Lining: GDI49 (TENCEL: MOD: PA: AS)

Weight:

- Shell: 230 gsm
- Middle: 150 gsm
- Lining: 230 gsm
- Standards: EN 11612, EN 1149, EN 13688, EN 61482, CE, NFPA 2112:2023, UL





RADIANS ST31-2 SHORT SLEEVE COOLING T-SHIRT

- Max-Dri™ moisture wicking polyester mesh with RadCool™ technology
- 2" heat transfer, segmented reflective tape, 1 horizontal stripe
- Pockets: 1 upper left front
- Mesh sideseam insert • 25 wash max
- Standards: Meets ANSI/ISEA 107



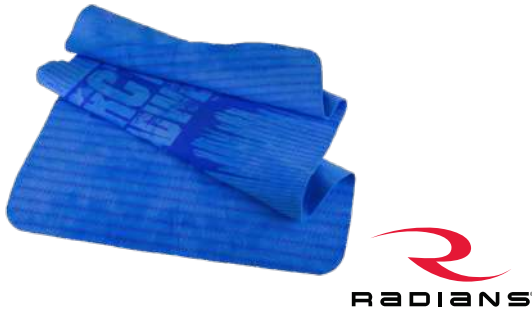
RADIANS ARCTIC RADWEAR® COOLING WRAP XT

- Secure around neck by pulling through slot opening
- Safe & reusable, jobsite proven
- Anti-Microbial treated to help prevent mold build-up & unwanted smells
- Lasts up to 5 hours
- Heat stress safety management
- 100% polyester microfiber • Dimensions: 32.5" x 12"



RADIANS ARCTIC RADWEAR® COOLING TOWEL

- Safe & reusable, jobsite proven
- Anti-Microbial treated to help prevent mold build-up and unwanted smells
- Heat stress safety management
- Lasts up to 5 hours, depending on humidity levels
- Dimensions: 26" x 17"



RADIANS ARCTIC RADWEAR® HEADBAND

- Safe & reusable, jobsite proven
- Anti-Microbial treated to help prevent mold build-up and unwanted smells
- Heat stress safety management
- Lasts up to 5 hours, depending on humidity levels
- One size fits all • PATENT #D712094



RADIANS ARCTIC RADWEAR® HARD HAT COOLING SWEATBAND

- Easy installation • Soak in water for 2-3 minutes
- Wave in the air for 10 to 15 seconds activating ADVANCED ARCTIC® material
- Reactivate your SWEATBAND in extreme heat or humid conditions by soaking again in water and twirling/waving in the air for 10 to 15 seconds
- Safe & reusable, jobsite proven
- Anti-microbial treated to help prevent mold build-up and unwanted smells • Hard hat and suspension sold separately
- Heat stress safety management - cools body temperature
- Lasts up to 5 hours, depending on humidity levels





PROTECTIVE CLOTHING

HIGH VISIBILITY CLOTHING

HI-VIS ONE BAND & BRACE VEST

Model No: C472



HI-VIS TWO BAND & BRACE VEST

Model No: C470



HI-VIS 7-IN-1 CONTRAST TRAFFIC JACKET

Model No: S426



HI-VIS BREATHABLE JACKET

Model No: RT60



HI-VIS EXECUTIVE 5-IN-1 JACKET

Model No: S768



EXTREME PARKA JACKET

Model No: S590



EXTREME BOMBER JACKET

Model No: S591



HI-VIS EXECUTIVE JACKET

Model No: S475



HI-VIS TWO BAND & BRACE JACKET

Model No: C473



HI-VIS BREATHABLE TRAFFIC JACKET (INTERACTIVE)

Model No: RT63





DESERT GOLD HIGH ANKLE S3 SRC SHOES

Model No.: SP800FW

- Upper: Black embossed split genuine leather
- Outsole: Dual density PU sole for comfort & light weight
- Steel Toe Cap & anti penetration steel plate
- Slip Resistance as per SRC Standard
- Size: 39-47
- Conformity: EN ISO 20345:2022 S3 SR CI FO



DESERT GOLD FEND SAFETY SHOES

Model No.: SP826-HRO

- Dual density, lightweight, PU/RUBBER sole
- Upper in black embossed action leather with water repellent properties
- Extra soft, breathable, mesh lining
- Extra wide non-metallic fiberglass toe cap with 200 joules impact resistance
- Non-metallic puncture resistant with 1100N kevlar insole
- Sole heat resistance - Max 300°C for 1 minute exposure
- Shock-absorption, oil resistant, acid and alkali resistant and overcap more protection outsole
- Conformity: EN ISO 20345:2022+A1:2024 S3S CI FO HRO SR



BICAP SPARROW SAFETY SHOES

Model No.: J 4678 2B K 4 S3 SRC

- Upper: Embossed water-repellent leather
- Lining: Airnet spacer
- Toe Cap: Composite ITSAFE
- Midsole: No-metallic FLEX TEXTILE PLATE
- Sole: Double density polyurethane
- Fussbett: Top basic
- Sizes: 36-47
- Conformity: EN ISO 20345:2011



BICAP KITE SAFETY SHOES

Model No.: J 4678 6B K 4 S3 SRC

- Upper: ECO-Sustainable fabric made with recycled post consumer polyester (100% recycled PET yarn)
- Lining: Airnet spacer
- Toe Cap: Composite ITSAFE
- Midsole: No-metallic FLEX TEXTILE PLATE
- Sole: Polyurethane double density
- Fussbett: Top basic
- Sizes: 36-47
- Conformity: EN ISO 20345:2011





FOOT PROTECTION

BICAP WHALE SAFETY SHOES

Model No.: PS 60730 7D K 4 S3S FO SR

- Upper: Breathable and waterproof high quality microfiber + reflective inserts + nylon + waterproof "PROAIR" air system and heel STABILITY SYSTEM
- Lining: Breathable with high steaming permeability
- Toe Cap: Composite
- Midsole: Anti-perforation textile '0 perforation'
- Sole: Polyurethane double density
- Sizes: 39-48
- Conformity: EN ISO 20345:2022



BICAP TIGER SAFETY SHOES

Model No.: J 40841 8D K 4 S3 SRC

- Upper: Waterproof PUTEKHYPERTEX technical textile + heel area made in waterproof microfiber
- Lining: Airnet spacer collar and tongue in cordura
- Toe Cap: Composite ITSAFE
- Midsole: No-metallic FLEX TEXTILE PLATE
- Sole: Double density Polyurethane
- Fussbett: Comfort Fresh
- Sizes: 36-47
- Conformity: EN ISO 20345:2011



COFRA OVERWAY S7S HI CI HRO LG SC FO SR SHOES

- Upper: Water repellent full grain leather
- External Lining: Breathable leather
- Internal Lining: SANY-DRY 100% polyester fabric, three-dimensional, breathable, it absorbs and releases the moisture, abrasion resistant
- Toe Cap: FIBERGLASS CAP, non metallic fiberglass resistant to 200 J
- Sole: Polyurethane/nitrile rubber resistant to +300°C
- Midsole: Non metallic APT PLUS - zero perforation
- Sizes: 40-48
- Conformity: EN ISO 20345:2022



COFRA PIRENEI S7S HI CI HRO LG SC FO SR SHOES

- Upper: Water repellent pull-up nubuck
- External Lining: Breathable leather
- Internal Lining: SANY-DRY 100% polyester fabric, three-dimensional, breathable, it absorbs and releases the moisture, abrasion resistant
- Toe Cap: FIBERGLASS CAP, non metallic fiberglass resistant to 200 J
- Sole: Polyurethane/nitrile rubber resistant to +300°C
- Midsole: Non metallic APT PLUS - zero perforation
- Sizes: 36-48
- Conformity: EN ISO 20345:2022





COFRA CHAGOS UK S3S HI CI HRO LG SC FO SR SHOES

- Upper: Water repellent full grain leather
- External Lining: Breathable synthetic
- Internal Lining: TEXELLE 100% polyamide fabric, breathable, it absorbs and releases the moisture, abrasion resistant
- Toe Cap: Non metallic TOP RETURN resistant to 200 J
- Sole: Polyurethane/nitrile rubber resistant to +300°C
- Midsole: Non metallic APT PLUS - Zero Perforation
- Sizes: 40-47
- Conformity: EN ISO 20345:2022



COFRA K2 S3S HI CI HRO LG SC FO SR SHOES

- Upper: Water repellent printed leather
- External Lining: Breathable synthetic
- Internal Lining: SANY-DRY 100% 100% polyester fabric, three-dimensional, breathable, it absorbs and releases the moisture, abrasion resistant
- Toe Cap: FIBERGLASS CAP, non metallic fiberglass resistant to 200 J
- Sole: Polyurethane/nitrile rubber resistant to +300°C
- Midsole: Non metallic APT PLUS - Zero Perforation
- Sizes: 36-48
- Conformity: EN ISO 20345:2022



BICAP DOLPHIN SAFETY SHOES

Model No.: PS 60731 7D K 4 S3S FO SR

- Upper: Breathable and waterproof high quality microfiber + reflective inserts + nylon + waterproof "PROAIR" air system and heel STABILITY SYSTEM
- Lining: Breathable with high steaming permeability
- Toe Cap: Composite
- Midsole: Anti-perforation textile '0 perforation'
- Sole: Polyurethane double density
- Sizes: 39-48
- Conformity: EN ISO 20345:2022



BICAP RAPTOR SAFETY SHOES

Model No.: J 40795 8D K 4 S3 SRC

- Upper: Waterproof PUTEKHYPERTEX technical textile + heel area made in waterproof microfiber
- Lining: Airnet spacer
- Toe Cap: Composite ITSAFE
- Midsole: No-metallic FLEX TEXTILE PLATE
- Sole: Double density polyurethane
- Fussbett: Comfort fresh
- Sizes: 36-47
- Conformity: EN ISO 20345:2011





FOOT PROTECTION

BICAP ECO GREY SAFETY SHOES

Model No.: J 40849 8D K 2 S1P SRC

- Upper: ECO-Sustainable fabric made with recycled post consumer polyester (100% recycled PET yarn)
- Lining: Airnet spacer
- Toe Cap: Composite ITSAFE
- Midsole: Anti-perforation textile '0 perforation'
- Sole: Double density polyurethane
- Fussbett: Comfort fresh
- Sizes: 39-46
- Conformity: EN ISO 20345:2011



BICAP EAGLE SAFETY SHOES

Model No.: J 4677 6B K 4 S3 SRC

- Upper: Waterproof PUTEKHYPERTEX technical textile + heel area made in waterproof microfiber
- Lining: Airnet spacer
- Toe Cap: Composite ITSAFE
- Midsole: No-metallic FLEX TEXTILE PLATE
- Sole: Double density polyurethane
- Fussbett: Comfort fresh
- Sizes: 36-47
- Conformity: EN ISO 20345:2011



DESERT GOLD LOW ANKLE S3 SRC SHOES

Model No.: SPW801FW

- Upper: Black embossed leather
- Sole: Dual density, black PU for comfort & light weight
- Steel toe cap & steel mid plate
- Slip resistance as per SRC standard
- Size: 39-47
- Conformity: EN ISO 20345:2022 S3 SR CI FO



BICAP MARSHALL SAFETY SHOES

Model No.: PS 60604 6H K 4 S3 CI HI SRC

- Upper: Water-repellent pull-up nubuck
- Lining: Soft smooth full grain + PRIMALOFT® lining
- Toe Cap: Composite
- Midsole: Zero perforation fabric, metal-free
- Sole: Dual density PU with scuff-cap
- Sizes: 39-48
- Conformity: EN ISO 20345:2011





JALLATTE JALASKA SAS S3 SRC RIGGER BOOT

Model No.: J0266

- Flat binding at top of quarters
- Heel stiffener to reinforce the heel seat
- Full-size inlay, removable, anti-bacterial treated, anatomical and comprising heel shock absorber
- High capacity to absorb and desorb perspiration
- Forefoot lining, abrasion & perspiration acids resistant
- Perforated steel toe-cap (patented) – 200 J
- Puncture-resistant stainless steel midsole
- Conformity: EN ISO 20345:2011



BICAP RIGGER BOOT

Model No.: PS6060/6E | K4 S3 CI SRC

- Upper: Waterproof oiled nubuck
- Toe Cap: Composite ITSAFE
- Midplate: Anti-perforation textile "0 perforation"
- Sole: Double density polyurethane
- Size: 39-48
- Conformity: EN ISO 20345:2011





FALL PROTECTION

SAFETY PLUS WORLD CE HARNESS WITH BACK SUPPORT

Model No.: SP706HNBCE

Two pcs chest attachment D ring with adjustable shoulder strap, one dorsal attachment D ring of stamping alloy steel for fall arrest & back waist support



SAFETY PLUS WORLD CE HARNESS

Model No.: SP704HNCE

Two pcs chest attachment D ring with adjustable shoulder strap, one dorsal attachment D ring of stamping alloy steel for fall arrest



DESERT GOLD ANSI FULL BODY HARNESS

Model No.: SP708ASH

- Full Body Harness with 3 points adjustment
- Material - Polyester, breaking strength 22kN
- Design - Dorsal D-ring for fall arrest
- Adjustable leg straps
- Breakaway lanyard keepers
- Leg pad and shoulder pad
- Standards: ANSI Z359.11.2021



SERIES 1 HARNESS

Model No.: 37000

- Water-repellent contrasting core webbing
- Dual lanyard keepers & rubber web keepers
- Five points of adjustment
- Assembled in USA



SERIES 2 HARNESS

Model No.: 38010

- Water repellent contrasting webbing for easy inspection
- Dual impact indicators
- 2-bar torso adjuster
- Dual lanyard keepers



SERIES 3 HARNESS

Model No.: 37100

- Water-repellant contrasting core webbing
- Snap-on shoulder padding
- Ergonomic waist belt
- Assembled in USA





SERIES 4-POINT HARNESS

Model No.: 38038

- Heavy-duty waist belt w/side D-rings
- Dual lanyard keepers
- Removable shoulder padding
- Water-repellent contrasting core webbing for easy inspection
- Dual impact indicators
- Velcro label cover
- 2-bar torso adjuster
- Captivated chest strap


GUARDIAN



B7-COMFORT HARNESS

- Three-Six-O harness chassis keeps the harness fully integrated while allowing the torso and sub-pelvic & legs to move independent of each other
- EZ D-ring provides an easy and ergonomic solution to dorsal D-ring connection
- Integrated twlCEme® safety technology allows for quick and easy access of critical safety information during emergencies


GUARDIAN





FALL PROTECTION

SAFETY PLUS WORLD CE LANYARD

Model No.: SP707LYSCE

Webbing material polyamide shock absorber
one karabiner, one scaffold hook Y lanyard 1.8m



SAFETY PLUS WORLD CE LANYARD

Model No.: SP705LYDCE

Webbing material polyamide shock absorber
one karabiner, two scaffold hook Y lanyard 1.8m



DESERT GOLD ANSI SHOCK ABSORBING LANYARD

Model No.: SP709ASL

- Lanyard 6ft. shock absorber, rebar hook and double leg
- Design: Double Y shaped lanyard with shock absorber
- One end of absorber equipped with snap hook and other sides of the lanyard are equipped with rebar hooks
- Length: 6 ft. • Width: 30 mm
- Standards: ANSI Z359.13.2013 (R2022)



EXTERNAL SHOCK LANYARD

Model No.: 01220

- 1" nylon web
- Clear shock pack for easy inspection
- 3,600 lb. connector gate



4-IN-1 LANYARD

Model No.: 11520

- Allows for 100% tie-off
- Lightweight and durable



EXTERNAL SHOCK LANYARD

Model No.: 01231

- 1" nylon web
- Clear shock pack for easy inspection
- 3,600 lb. connector gate





ADJUSTABLE ROPE POSITIONING LANYARD

Model No.: 36102

- One-handed aluminum adjuster promotes additional safety and ease-of-use while in positioning
- Snap hook on both ends of the lanyard
- Snap hook and carabiner connector



EXTERNAL SHOCK LANYARD DOUBLE LEG 6' STEEL SNAP HOOK

Model No.: 01230

- Allows for 100% tie-off
- Lightweight and durable



INTERNAL SHOCK LANYARD - PRO ABSORBER

Model No.: PAL1.75B

- Average Arresting force: Kinetic webbing progressively absorbs energy keeping forces below 6kN (typically 3.5kN)
- Maximum Length: 2 metres
- Maximum Arresting Force: 6.0kN
- Webbing Strength: 22kN - minimum breaking load



EXTERNAL SHOCK STRETCH LANYARD

Model No.: SAL2CE

- User Length: 2.0 metres
- Max User Weight: 100kg including tools and equipment
- Maximum Arresting Force: 6.0kN
- Average Arresting Force: 4.0kN





FALL PROTECTION

FABX RECOVERY SRL

Model No.: FABXR-15CS

- Capacity upto 18 m (60 ft.) [NB stainless steel option is 15m (50ft.)]
- Galvanized wire rope [FABX2R C] 3/16" (4.8mm) diameter
- Stainless steel wire rope [FABX2R CS] 13/64" (5mm) dia.
- Fibre rope [FABX2R F] made with Dyneema®; 13/64" (5mm) diameter



FABX LARGE RECOVERY SRL

Model No.: FABXLR-30C

- Capacity: Stainless steel max 35m (115ft.), galvanised steel max 40m (130ft.), fibre rope made with Dyneema®; max 40m (130ft.)
- Galvanized wire rope 3/16" (4.8mm) dia.
- Stainless steel wire rope (FABXLR CS) 3/16" (4.8mm) diameter
- Fibre rope 13/64" (5mm) diameter



FABX SRL

Model No.: FABX2-18C

- Galvanised steel wire rope 4.8mm dia. 19 x 7 min. breaking load 15kN
- Stainless steel wire rope 5mm dia. 19 x 7 minimum breaking load 15kN
- Webbing made with Dyneema®; 20.5 x 1.4mm min. breaking load: 22kN
- Fibre rope fibre rope made with Dyneema®; 5mm dia. minimum breaking load: 27kN



CR3 SRL

Model No.: 4200220

- Compact and lightweight design for easy transport around the jobsite
- Swivel top connection point helps reduce lifeline snagging or tangling
- Ergonomic carrying handle for easier transport around the job



CR3-EDGE SRL

Model No.: 4200221

- Compact and lightweight design for easy transport around the jobsite
- Swivel top connection point helps reduce lifeline snagging or tangling
- Ergonomic carrying handle for easier transport around the job



CR5 SRL

Model No.: 1400204

- Swivel top connection point: Swivels 360° to ensure the device remains in the best orientation during use and also helps prevent lifeline snagging or tangling
- Reinforced webbing guide: Added strength and reduces webbing friction • 6' web lifeline
- Guardian shock pack cover: Helps increase product longevity and protect safety labeling



ATOM-X WEB SRL

Model No.: ATOM-X

- Top Connector: 11mm alloy twist lock karabiner approved to EN362 rated to 25kN (supplied as standard)
- Bottom Connector: ANSI rated snap/scaffold hook
- Webbing: Made with Dyneema®; 22mm - minimum breaking load 22kN • Capacity: 1.8 metres (6ft.)





BEAMGUARD HLL STANCHION

- Powder-coated steel to help resist abrasion/ impact from tools or materials, as well as withstand prolonged exposure to wind and rain
- HLL installation both in parallel and perpendicular to the I-beam



GUARDIAN

ECOANCHOR

Model No.: 30801

- Easy to install, fills in 10 minutes
- Dimensions when full: 4'4" x 4'4"



GUARDIAN

CABLE CLIMBING SYSTEM

- Galvanized steel mounting brackets with mounting hardware
- Integrated patent-pending shock absorber: Reduced arresting forces with a pre-swaged all metal design



GUARDIAN

RETRACTABLE HORIZONTAL LIFELINE

Model No.: 04660

- Swivel connection point to reduce lifeline tangling
- Deployable magnetic tensioner easily retracts/ tensions cable, and stays fixed in place while not in use to prevent accidental equipment damage



TEMPORARY HORIZONTAL LIFELINE

Model No.: 04662

A complete temporary horizontal lifeline system, the Webbing HLL includes everything you need to install and get to work fast.



GUARDIAN

C7-CABLE CLIMBING SLEEVE

Model No.: 25034

- Aluminum frame and carabiner: For reduced weight
- Bronze bearings: For added durability and longevity
- Integrated shock absorber: Compact force management system



GUARDIAN



FALL PROTECTION

SAFE-T™ LADDER EXTENSION SYSTEM

- Designed to attach over the top of the ladder and provide a safe and easy transition from the ladder to a second surface
- Requires no tools, drilling or bolting to hold it securely in place



SAFE-T™ SELF CLOSING LADDER GATE

Model No.: 10798

- Self-closing mechanism
- Lightweight
- Durable



HEAVY DUTY TOOL TETHER

Model No.: L48WR10SSG

- Wire tool tether with screw gate carabiner
- Ends: Stainless steel screw-gate & stainless steel screw-gate type: Wire



BUNGEE TETHER

Model No.: 10736

- Durable nylon sheath with internal bungee cord
- Locking carabiner
- Weight capacity: 15 lb.
- Max. tool weight: 15 lbs.



TOOL LANYARD

Model No.: 10726

- Helps reduce falling object related injuries
- Provides ease & versatility
- Easy to use with gloved hands
- Securely attach tools to wrist/tool belt
- Ends: Aluminum swing-gate carabiner & HD cord loop, type: Bungee



COIL TOOL TETHER WITH SWIVEL

Model No.: CC2072-2

- 360° swivels to prevent entanglement and increase longevity of the tether
- Solid coil (CC2072-OR) offers superior coil memory compared to other wired coil tethers
- Models CC2072-OR & CC348-WR-OR (patented swivel) has a protected label identifying rating, instructions, date of mfg and traceability number
- Available in 2 coil styles- with or without a steel core
- Up to 10 lb tool rating
- EZ clean material



COIL TOOL TETHER

Model No.: CC1656WRSG

- 360° heavy duty swivels to prevent entanglement and increase longevity of the tether
- Each tether has a protected label identifying rating, instructions, date of mfg and traceability
- EZ clean material
- 4' coil extension
- Wired coil extension (4') tool tether 5 lb rating with swivels and screw gate carabiner
- Meets ANSI/ISEA 121-2018





QUICK SWITCH RETRACTING TETHER WITH KEY ON END

Model No.: RET648RPQS



STRONGHOLD
BY PSG

QUICK SWITCH WRIST STRAP CINCH STYLE

Model No.: QSWSCNCH



STRONGHOLD
BY PSG

QUICK-SWITCH ROTATING DOCK

Model No.: BRKTPCHDK-R

- No more dangling tool tethers
- Reduced impact force in a drop
- Hands-free tool switching
- Tapered for easy alignment
- 360° rotation
- Reduced swing and snag hazard
- Maximum tool weight 2.7kg (6lb)



STRONGHOLD
BY PSG

QUICK SWITCH TOOL LANYARD SYSTEM 1 DOCKING STATION & 1 SWITCH

Model No.: QSS

- Quick-Switch® switch & dock pack (1 switch & 1 dock)
- Patent no.: 9,351,558



STRONGHOLD
BY PSG



QUICK-SWITCH STARTER KIT

Model No.: 30801



STRONGHOLD
BY PSG

QUICK-SWITCH DOCKING STATION

Model No.: QSDOCK

- Quick-Switch® dock (package of 2)
- Patent No. 9,351,558
- Meets ANSI/ISEA 121-2018



STRONGHOLD
BY PSG

QUICK-SWITCH BUNGEE TETHER

Model No.: QSBNGEXT

- Internal bungee cord with nylon outer sheathing
- QS key installed on one end to negate need for QS wrist cuff
- Made for the quick switch product line
- Quickly attaches to waist belts using the carabiner
- Carabiner attaches to D-Ring attachments or factory attachment points
- Connect to fixed anchor points with ease
- Meets ANSI/ISEA 121-2018



STRONGHOLD
BY PSG



MOBILE GANTRY SL5000

SL5000 is a support for a SecurLine rail-type fall arrest system. This gantry system combines the simplicity of a horizontal rail and trolley system with a mobile support structure, to provide reliable fall protection wherever and whenever needed.

- Breaking strength: > 1,300 daN
- Use as a mobile anchor line device
- S235 steel
- Weight: 400 kg
- 6063 aluminum alloy



MOBILE GANTRY SL7000

SL7000 is a support for a SecurLine rail-type fall arrest system. This gantry system combines the simplicity of a horizontal rail and trolley system with a mobile extended support structure, to provide reliable fall protection wherever and whenever needed.

- Breaking strength: > 1,300 daN
- 1 user max. on mobile anchor line
- S235 steel
- Weight: 560 kg
- 6063 aluminum alloy



MOBILE JIB SL6000

SL6000 is a fall arrest jib that provides a moveable 6-m-high anchor point, with 120° rotation. The SL6000 is an ideal fall arrest solution for one-off operations on site machinery, particularly for maintenance, cleaning and accessing tanks.

- Breaking strength: > 1,200 daN
- 1 user max. at anchor point
- S235 steel
- Weight: 300 kg (without water tank)
- 6063 aluminum alloy





INSTALLATION INSPECTION & MAINTENANCE

Modern construction is a new frontier. At Guardian, we focus on adapting your fall arrest components quickly and efficiently, according to your written specifications. We install, test, and certify our system to the latest standards.



ENGINEERING & SITE SERVICES

Modern construction is a new frontier. At Guardian, we focus on adapting your fall arrest components quickly and efficiently, according to your written specifications. We install, test, and certify our system to the latest standards.



PERMANENT HORIZONTAL LIFELINES

Guardian offers a total 360-degree protection on all main roof types. Where the need requires we can offer solutions to fixing back to timber structures and deep insulated concrete decks using traditional posts. Load bearing solid masonry walls allows us to provide our clients with a wall fixed solution. A modern green roof is also not an issue



CUSTOM GUARDRAILS

Guardian's design and layout services work in tandem with our standard guardrail products. Ask us about customised, permanently attached rail systems, custom colours, and custom materials.



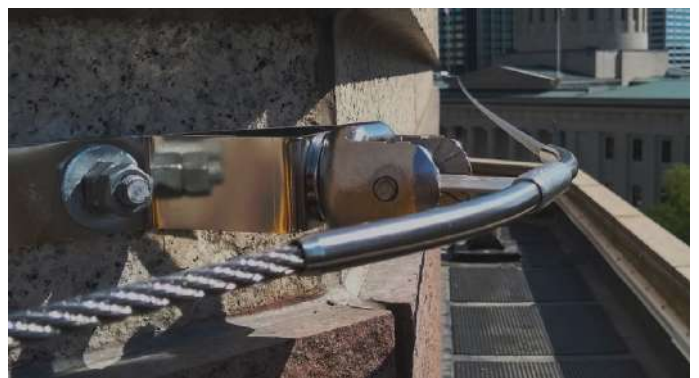
CUSTOM FALL ARREST ANCHORS

Depending on your particular structure, buildings or project, your fall protection solution may require custom fall arrest anchors. Consult with our expert team of engineers and project managers to find out how flexible these products can be. All designs and systems are installed to the latest version of BS7883.



FAÇADE MAINTENANCE SYSTEMS

If your project needs a specific façade maintenance system, our team is ready - from initial design, and specification to fabrication, supply, and on-site testing. We specialise in customising to unique buildings and sites with fast turnaround.





FALL PROTECTION

MODE ESCAPE DESCEND DEVICE

Model No.: Drill Powered Rescue

- Lifting Capacity: 250 kg
- Descending Capacity: 125 kg
- Handwheel located on the top of the unit
- Material: Aluminum
- Rope Material: Nylon
- Surface Treatment: Spray coating
- Two-Stage gear transmission
- Standards: CE & EN341



 **Mode**
LIFE SAFETY PRODUCTS

MODE SMART SPIDER PRO ASCENDER

Model No.: Smart Spider Pro

- Material: Aluminum alloy body
- Battery: 5000mAh power battery
- Voltage & power: 36V & 1000W
Stepless speed change with increase of 0-20m/min
Descending 0~37m/min continuously variable speed
- Rotating handle to control the speed of ascent and descent
- Running Distance (single battery): Round trip 360M (120 kg load)
- Charging Duration: 150 minutes
- Protection Level: IP54
- Safe Load: 200 kg



 **Mode**
LIFE SAFETY PRODUCTS



FME ZONE TAPE

Model No.: BT1KS

- 3" x 1000', 3 mil
- Markers every foot for tracking
- Easy to install & remove
- Deters loitering
- Warns workers that an FME zone is present
- BT1K-S is orange with white stripes
- Available in orange color



FME COVERS

Model No.: CBFR SERIES

- Round bottom for custom fit
- Adjustable drawstring with metal-free cord lock
- Water repellent
- NFPA-701 fire retardant



FME VINYL MAGNETIC SHEET

Model No.: MAGSHT2436

- Easily cut to any size
- Orange color comes with black text
- Red/Pink comes with white text
- Custom print available
- Small sections of sheet can also be used in signs
- When custom manufactured covers just aren't fast enough, these vinyl magnets provide an instant solution; just cut and stick
- Used in: Diesel generators, manway openings, breaker openings, turbine maintenance and more...



FME BASIC CABINETS

- Contains a variety of the most common FME products
- Each model specifically tailored for the most common setups
- A popular option for new FME programs
- Contents available on request
- Available Colors: Orange, red, pink & green

Part No.	Description	Dimensions
Basic	Standards Basic FME Cabinet	36"W x 24"D x 78"H
Basic-T	Basic Cabinet Training Setup	36"W x 24"D x 78"H
Basic-WH	Basic Cabinet Warehouse Setup	36"W x 24"D x 78"H



FME AUXILIARY CABINETS

- Contains a variety of the most common FME products
- Each model specifically tailored for the most common setups
- A popular option for new FME programs
- Rolling casters for mobility
- Contents available on request
- Available Colors: Orange, red, pink & green

Part No.	Description	Dimensions
AUX-1	Auxiliary Cabinet Configuration 1	36"W x 24"D x 42"H
AUX-2	Auxiliary Cabinet Configuration 2	36"W x 24"D x 42"H
AUX-T	Auxiliary Cabinet Training Setup	36"W x 24"D x 42"H
AUX-XL	Extra Width Auxiliary Cabinet	48"W x 24"D x 42"H
AUX-XL-T	Extra Width Auxiliary Cabinet Training Setup	48"W x 24"D x 42"H




GUARDIAN

FME SUPREME CABINETS

- Stocked with a massive number of FME products
- Fork-lift pockets for transportation
- Great for high traffic FME zones
- Contents available on request
- Available Colors: Orange, red, pink & green

Part No.	Description	Dimensions
Supreme	Standards Basic FME Cabinet	36"W x 24"D x 78"H
Supreme-NPT	Basic Cabinet Training Setup	36"W x 24"D x 78"H
Supreme-MAX	Supreme w/Expanded Contents	60"W x 36"D x 78"H
Supreme-MAX-NPT	Supreme NPT w/Expanded Contents	60"W x 36"D x 78"H
Supreme-FLG	Supreme Cabinet Flange Setup	64"W x 38"D x 78"H
Supreme-REF	Supreme Cabinet Refinery Setup	60"W x 36"D x 78"H

Part No.	Description	Dimensions
Extreme	Standard Extreme Cabinet	52"W x 30"D x 78"H




GUARDIAN





KESTREL POCKET WEATHER METER

Model No.: 3000

Kestrel 3000 keeps you from working past your limits. From the Kestrel 3000's accurate relative humidity readings, it also calculates the dewpoint and heat stress index—important information to know when working or playing outdoors in hot and humid conditions.

- Dew point • Heat stress index • Relative humidity
- Temperature • Wind chill • Wind speed
- 3-Button control • Backlight • Data hold function
- Easy-to-read display • Neck lanyard • Time of day
- CR2032 coin cell battery (average life 300 hours)
- Drop-Tested, MIL-STD-810G
- Patented impeller and sensor technology
- User-Replaceable batteries & impeller
- Waterproof & floats



KESTREL DELTA-T POCKET WEATHER METER

Model No.: 3500DT

Minimize waste and maximize safety with the Kestrel 3500 Delta T. It allows accurately assess acceptable spraying conditions to ensure within guidelines & help to select the right spray nozzle.

- Altitude (barometric)
- Barometric pressure
- Delta T
- Dew point
- Heat stress index
- Hard slip-on protective cover
- Relative humidity
- Temperature
- Wet bulb temperature (psychometric)
- Wind chill
- Wind speed/air speed



WINDSOCKS

Windssocks are high-visibility indicators of wind direction and speed. We have a variety of sizes available suitable for industrial applications and aviation. All windsocks are made from high-quality international orange PVC over nylon, which is incredibly durable and stays colorfast longer than other materials.

Available Sizes: 10 & 18 Inch





GAS DETECTION

SENKO DISPOSABLE SINGLE GAS DETECTOR

Model No.: SGT

- Sensor type: Electrochemical
- Measurement: Diffusion
- Display: LCD display
- Audible: 90dB at 10cm
- Warning lamp: Red flashing LEDs (light-emitting diode)
- Vibration: Vibration alarm
- Battery: Manufacture: Vitzrocell P/N: SB-AA02 (P)
System: Lithium primary battery
Nominal voltage: 3.6V, nominal capacity: 1.2Ah
- Operating temperature:
-40°C ~ +50°C (for toxic)
-35°C ~ +50°C (for O₂),
- Humidity: 5%~95% RH (non-condensing)
- Accessories: Calibration cap, manual, calibration and quality report
- Option: External sampling pump (SP-Pump 101), SENKO-IR link, docking station
- Weight: 104g (O₂) (battery clip included)
- Operating life: 24 months, based on 2 minutes of alarm per day
- Event log: Recent 30 alarms
- Approval:
ATEX II 1 G Ex ia IIC T4 Ga
CSA Class 1, Zone 0, ex ia IIC T4 Ga
IECEX Ex ia IIC T4 Ga
INMETRO Ex ia IIC T4 Ga

SENKO



Sensors
O₂/ CO/ H₂S/ H₂/ SO₂/ NH₃/ NO₂

SENKO REPLACEABLE SINGLE GAS DETECTOR

Model No.: SGT-P

- Sensor type: Electrochemical
- Measurement: Diffusion
- Display: LCD display
- Audible: 90dB at 10cm
- Warning lamp: Red flashing LEDs (light-emitting diode)
- Vibration: Vibration alarm
- Battery:
Manufacture : Vitzrocell, P/N : SB-AA02 (P),
System: Lithium primary battery
Nominal voltage: 3.6V, nominal capacity: 1.2Ah
- Operating temperature:
-40°C ~ +50°C (for CO, H₂S, H₂, NH₃, and No₂)
-35°C ~ +50°C (for O₂ and SO₂)
- Humidity: 5% ~ 95% RH (non-condensing)
- Accessories: Calibration cap, manual, calibration & quality report
- Option: External sampling pump (SP-Pump 101), SENKO-IR link, docking station
- Weight: 93g (toxic), 104g (O₂) (battery, clip included)
- Operating life: 24 months, based on 2 minutes of alarm per day
- Event log: Recent 30 alarms
- Approval:
ATEX II 1 G Ex ia IIC T4 Ga
IECEX Ex ia IIC T4 Ga
INMETRO Ex ia IIC T4 Ga

SENKO



Sensors
O₂/ CO/ H₂S/ H₂/ SO₂/ NH₃/ NO₂



SENKO PORTABLE MULTI-GAS DETECTOR

Model No.: MGT

- Self test: Full function self-test upon activation sensors, battery and circuitry - continuous
- Detecting method: Diffusion
- Display: LCD display (back-light)
- Alarm: LED flashing, sound, vibration
- Sensors:
 - O₂, CO and H₂S: Electrochemical
 - Combustible (LEL): IR or pellistor
- Battery: Rechargeable Li-ion power supply unit (2000mAh)
- IP: 67
- Temperature: -20°C ~ +50°C
- Humidity: 5~95% RH (non-condensing)
- Charge time: 4-6 hours
- Battery life: IR: 60 days continuous / Pellistor: 25 hours continuous
- Low battery alarm:
 - 20 minutes / 10 minutes / 5 minutes
 - Expired: 5 long beeps/flashes and then off is displayed
- Weight: 240g • Warranty: 2 years
- Optional accessory: MGT-IR Link, docking station, SP-Pump 101
- Approval:
 - ATEX II 1 G Ex ia IIC T4 Ga
 - CSA Class 1, Zone 0, ex ia IIC T4 Ga
 - IECEx Ex ia IIC T4 Ga



SENKO

Sensors
O₂/ CO/ H₂S/ CH₄

SENKO PORTABLE MULTI-GAS DETECTOR

Model No.: SP-MGTP

- Display: Segment LCD display, LCD backlight, Indicator LED
- Key: 3 operation and programming keys
- Sensor: Electrochemical for toxic gases and O₂ / PID for VOCs gas / Catalytic and NDIR for combustible gases
- Alarm: Visual: LCD Alarm Display, LCD Backlight Indicator LED Audible/ Buzzer (90dB at 10 cm)
- Dimension: 77 (W) x 146 (H) x 43 (D) mm
- Weight: 490g
- How to fix: Belt clip
- Operating temperature: -20°C ~ +50°C
- Operating humidity: 10%~90% RH (Non-condensing)
- IP: 67
- Pressure: 80~120KPa
- Sampling: Built-in pump
- Battery type: Rechargeable Li-ion power supply unit (4,000mAh)
- Operating time:
 - SP-MGTP-P0 Series : 30 hours
 - SP-MGTP-N0/N1/N2 Series : About 5 days or more
- Case: TPU covered Poly Carbonate (PC)
- Options: IR-Link
- Flow rate: 250~300cc
- Approval:
 - Ex ia IIC T4 Ga
 - Ex ia IIB T4 Ga
 - Ta = -20°C to 50°C



SENKO

Sensors
O₂/ CO/ H₂S/ LEL



GAS DETECTION

UNI LITE DISPOSABLE SINGLE GAS DETECTOR

Model No.: MP112

- Simple one-button GO, NO-GO!
- Large LCD
- 4-size CO and H₂S sensors
- 50 events logging • IP-67 Rating
- Low & high alarms • Six bright red flashing LEDs
- 2/3 AA lithium battery
- No maintenance or part replacement
- Safety Certifications:



Ex ia IIC T4 Ga



Ex ia IIC T4



UNI LITE REUSABLE SINGLE GAS DETECTOR

Model No.: MP110

- Large LCD, 30% larger than most
- 4-size CO or H₂S sensor • Two-point field calibration
- 50 events logging • IP-67 Rating
- Simple one-button operation • Password protection
- Adjustable low, high, TWA & STEL alarms
- Six bright red flashing LEDs
- 2/3 AA Lithium battery replaceable
- Safety Certifications:



Ex ia IIC T4 Ga



Ex ia IIC T4



POLI MULTI-GAS DETECTOR

Model No.: MP400/MP400P/MP400S

The POLI MP400 Series Multi-Gas detector can sample by diffusion or built-in pump and offers 4- or 5- gas monitoring of oxygen (O₂), combustibles (LEL), toxic gases, carbon dioxide (CO₂), and volatile organic compounds (VOCs). It allows a full selection of sensors, i.e., electrochemical (EC), pellistor, non-dispersive infrared (NDIR) and photo-ionization detector (PID). The MP400S and MP400H add wireless communication in squads of up to 8 to enable real-time remote monitoring of alarm status including Man-Down alarm for extra safety. The MP400H Head samples by diffusion only. Wireless transmission is provided at no subscription fee.

- Available in diffusion or pump version
- Man down alarm with real-time remote wireless notification
- IP-65/67 water and dust resistant case
- Real-time gas concentration readings and alarm status enabled by state-of-the-art wireless technology
- Large graphical display icon-driven user interface through intuitive, simple-to-operate two-button user interface
- Easy access to pump, sensor, filter and battery
- Over 30 interchangeable sensor options, including PID for VOC, NDIR and catalytic for combustibles and NDIR for CO₂
- Intelligent sensors store calibration data, so they can be swapped in the field
- Warranty: 2 years including most sensors
- Manufactured by mPower electronics - Santa Clara CA USA



Safety Certifications:



Class I, Div 1, Group ABCD
Class II, Div 1, Group EFG
Class III, Div 1

T4, -20°C ≤ Tamb ≤ +50°C



Ex ia IIC T4 Ga



II 1G

Ex ia IIC T4 Ga

European Conformity

REALIX INTRINSICALLY SAFE MOBILE

Model No.: RxIS101

This advanced device is designed for professionals working in hazardous environments, combining exceptional safety features with cutting-edge technology. With 4G connectivity & dual SIM capability, can stay connected with team effortlessly.

- Operating System: Android 12
- Processor: MTK6762 (2.0GHz) octa core, 12nm
- Camera/s: 16MP rear camera & 8MP front camera
- Internal Memory: 64GB ROM & 4GB RAM
- Battery: 4200 mAh lithium-ion battery
- Certification:
 - ATEX Zone 1 / 21
 - II 2G Ex ib IIC T4 Gb IP68
 - II 2D Ex ib IIIC T135°C Db IP68
 - Ta: -20°C ~ +60°C



REALIX RXALTITUDE IS TABLET

RxAltitude, an IS tablet especially built to be used in hazardous areas. With special focus given to ease of use while making it fully functional under most challenging environment providing maximum safety in the field.

- Operating System: Android 10
- Processor: MSM8953 (2.0GHz) octa core
- Camera: 13MP rear camera with autofocus & a flashlight, 5MP front camera
- Internal Memory: 64GB ROM & 4GB RAM
- Battery: 8500mAh lithium-ion battery
- Certification:
 - ATEX
 - II 2G Ex ib IIC T4 Gb IP68
 - II 2D Ex ib IIIC T135°C Db IP68
 - Ta: -20°C ~ +60°C



DESERT GOLD INTRINSICALLY SAFE SMARTPHONE

Model No.: EX-Z1PRO

- Operating System: Android 13
- Talk Time: 30-40 hours
- Processor: Octa core (max 2.0GHz, 12nm)
IMG GE8320 @ 660MHz; IMG GE8320 @ 680MHz
- Network: GSM 4G connectivity • SIM: Dual nano SIM
- Display: 6.52inch HD + IPS resolution 720 x 1600
- Memory: 6 GB RAM & 128 GB ROM • Battery: 5100mAh
- Charger Input: 3.0V-4.4V
100-240V - 50/60Hz AC adaptor
- Camera: 8MP front & 50MP back, auto focus, LED flashlight
- Dimensions: 173.4 x 81 x 18.8 (mm) • Weight: 398g
- Language: English, Arabic & others
- Bluetooth: BT 5.0 • Navigation: GPS + GLONASS
- WiFi: Wireless LAN 802.11a/b/g/n/ac
- Communication: SMS, MMS, email
- Sensors: Proximity, light, G-sensor, etc.



- Certification:
 - ATEX Zone 1 / 21
 - II 2G Ex ib IIC T4 Gb IP68
 - II 2D Ex ib IIIC T135°C Db IP68
 - Ta: -20°C ~ +60°C





EXPLOSION PROOF PRODUCTS

The world's only AI Enabled Portable, Affordable, Ruggedized & Intrinsically Safe 5G Gateway & IOT Hub. A hardware-enabled AI-based software company, where the hardware provides both advanced connectivity and a dataset that no one else can cost effectively acquire.

RuggedEdge's AI based APIs and SDK use device data, combined with publicly-available data sets & customer data, to bring new digital tools to customers and partners.

RuggedEdge Cloud and its applications support critical use cases for digital transformation, with a strong focus on data collection and AI running in the Cloud.

The Hardware

Problem:

Data from wearable sensors (gas detectors, hearing protection, health monitoring, handheld tools etc...) and fixed sensors on equipment (measuring temperature, pressure, vibration etc..) is very important to customers.

Public and Private 5G networks are the network of choice in most of these facilities. 5G provides much higher capacity, better security, and penetrates congested industrial areas.

None of the sensors have 5G modems nor are there plans to add them. Therefore, the data from these have little to no value, as the data remains local.

Solution:

RuggedEdge's 5G IOT Gateway connects wearable sensors and fixed equipment sensors to the cloud through these 5G networks.

The EdgeOne and EdgeTwo gateways are the only portable, affordable, ruggedized and intrinsically - safe IOT gateways in existence today. They are engineered and certified to work in combustible environments.



RUGGED EDGE INTRINSICALLY SAFE SMARTPHONE

Model No.: EDGEONE

- Operating System: Enterprise Android OS
- Processor: Qualcomm QCM6490 - Kryo 670 CPU technology with 6th generation AI engine
- Memory: 4 GB RAM | 64 GB internal memory
- Display: Color touch display | 2.4 inch: FHD | 240 x 320px | Gorilla Glass
- Dimension/Weight: 4.91 x 2.55 x 1.46 inches | 11.3 oz.
- Resistance: IP68 dust/waterproof and MIL-STD 810H
- Temperature: -20 °C to +60 °C
- Battery: 4209 mAh | Replaceable
- Connectivity: WiFi 6: IEEE 802.11 a/b/g/n/ac/ax/e/k/r/v | BT 5.2 | NFC
- Sensors: Accelerometer | Gyroscope | Magnetic | Barometer
- Location: GPS | A-GPS | Galileo | Glonass | Beidou
- SIM: Nano SIM | eSIM
- Frequency Bands:
4G- FDD Bands: 1 / 2/3 /4/5 /7 /8 / 12 / 13 / 14 / 17 / 20 / 25 / 26/ 28 / 29 / 30 / 66 / 71
4G - TDD Bands: 38 / 39 / 40 / 11 / 42 / 43 / 48
5G - Bands: n1 / n2 / n3 / n5 / 5,7 / n8 / n12 / n20 / n25 / n28 / n38 / n40 / n41 / n48 / n65 / nil / n77 / n78 / n79
- Hotspot Capability: Up to 32 user
- Certification:
Class 1 Division 1
ATEX Zone 1
IP68



RUGGED EDGE INTRINSICALLY SAFE SMARTPHONE

Model No.: EDGETWO

- Operating System: Enterprise Android OS
- Processor: Qualcomm QCM6490 - Kryo 670 CPU technology with 6th generation AI engine
- Memory: 4 GB RAM | 64 GB internal memory
- Display: Color touch display | 2.4 inch: FHD | 240 x 320px | Gorilla Glass
- Dimension/Weight: 4.91 x 2.55 x 1.46 inches | 11.3 oz.
- Resistance: IP68 dust/waterproof and MIL-STD 810H
- Temperature: -20 °C to +60 °C
- Battery: 4209 mAh | Replaceable
- Connectivity: WiFi 6: IEEE 802.11 a/b/g/n/ac/ax/e/k/r/v | BT 5.2 | NFC
- Sensors: Accelerometer | Gyroscope | Magnetic | Barometer
- Location: GPS | A-GPS | Galileo | Glonass | Beidou
- SIM: Nano SIM | eSIM
- Frequency Bands:
4G- FDD Bands: 1 / 2/3 /4/5 /7 /8 / 12 / 13 / 14 / 17 / 20 / 25 / 26/ 28 / 29 / 30 / 66 / 71
4G - TDD Bands: 38 / 39 / 40 / 11 / 42 / 43 / 48
5G - Bands: n1 / n2 / n3 / n5 / 5,7 / n8 / n12 / n20 / n25 / n28 / n38 / n40 / n41 / n48 / n65 / nil / n77 / n78 / n79
- Hotspot Capability: Up to 32 user
- Certification:
Class 1 Division 2
ATEX Zone 2
IP68





RUGGED ATEX TABLET PC

Model No.: HUGEROCK T101EX

10.1 Inch ATEX Thin & Lightweight Rugged Mobile Platform.

• Hardware:

CPU: ARM Cortex A73 octa-core (2.0GHz)
RAM: 8G
Memory: Internal: 128G & External: Micro SD card (T-FLASH card), Max 256GB
Camera: 13.0MP (AF) Back with flash led & 5.0MP Front
Battery: 14600 mAh
Display: 10.1 inch IPS/AFFS 1920 x 1200 FHD industrial 1000nit Sunlight Readable

• Appearance:

Size: 320 x 228 x 12mm (L x W x H)
Weight: 1360g
Color: Gray
Material: Titanium Alloy + ABS + PC + TPU

• Communications & Networking:

Phone Call: GSM /WCDMA/CDMA 1X/VoLTE
Wi-Fi: Dual-band WIFI (2.4GHz/5GHz) | Single Stream 802.11 a/b/g/n/ac
Bluetooth: 5.0 Low Energy (LE)

• Industrial & Reliability Design:

Temperature:
Operating: -20°C to 55°C
Storage: -40°C to 80°C

• Certification/OS/Software:

Certification: ATEX/3C/FCC/CE/ROHS/ IP65 (IEC 60529)
OS: Android 11/13 (Continuous Updates)
Ex-Marking: II 2G Ex ib IIB T4 Gb

• IO/Navigation:

SIM Card: Nano sim card x 2
Interface:
Charging : Type-C & 8pin pogo pin
Data: USB Type-A (Host)*2, Type-C*1
Memory: Internal: 128G & External: Micro SD card (T-FLASH card), Max 256GB
Charger: 5.0V 2A-10W
Navigation: GPS+Beidou+Glonass+AGPS+SBAS (EPO 2.5m)





ISHIELDU FIRST AID KITS

Model No.: ISU500

- General purpose - designed for everyday use
- Easy to carry handle or wall-mountable for quick access in an emergency
- These plastic kits are waterproof and portable
- Good for offices, showrooms, kitchens, homes, workshops, transport vehicles, etc.
- Available in different sizes as 10, 25 and 50 persons



RESCUE SAM AUTOMATED EXTERNAL DEFIBRILLATOR (AED)

Model No.: RESCUE SAM

RESCUE SAM is a semi-automatic external defibrillator designed for providing simple and direct voice prompts and indications for a straightforward rescue operation. It is lightweight and battery powered for maximum portability. RESCUE SAM is designed to treat Ventricular Fibrillation (VF) and fast Ventricular Tachycardia (VT).



ISHIELDU HANDLING TOOLS

Model No.: ISU-DRP-15M • ISU-CHT-15M

Model No.: ISU-DST-15MM • ISU-DCT-15M

- Length: 1300mm, 1500mm & 1800mm
- Push test - 1650N / Pull Test - 2800N



ISHIELDU PUSH & PULL STICK

Push-pull operations are often carried out in production and life on land or offshore. ISHIELDU high-strength insulated push-pull sticks are mainly used in docks, mines, power, oil and gas energy and offshore petrochemical industries.

- High-strength non-slip insulation rod
- D shape comfortable insulated grips
- High-strength tool head
- Anti-falling and non-slip hand guards are installed on the pole
- SGS Certified
- Available Sizes:
21" | 42" | 50" | 72" | 90"





RADIANS EYEWASH STATION

Model No.: REW01116

To effectively and quickly clean debris from the eye, the Radians® 16 gallon REW01116 gravity fed Eyewash Station has a one second, one-step activation to deliver up to 15 minutes of non-injurious flow.

- Wall mounted 16 gallon gravity fed eyewash station
- Quick one-step activation for instantaneous flow
- Delivers at least 15 minutes of non-injurious flow
- High visibility green color is easily recognizable if an injury occurs
- Includes an easy-to-mount wall bracket, portable water preservative, test log card and drainage hose
- Standards: Meets ANSI Z358.1



FINGER SHIELD FINGER SAFETY TOOL

The Finger Shield are designed to hold / support large spanners / wrench in place during the removal of bolts and nuts.

• **Model No. / Size / Diameter / Weight**

ISU-FS-850 / 850mm / 33.5mm / 680 grams

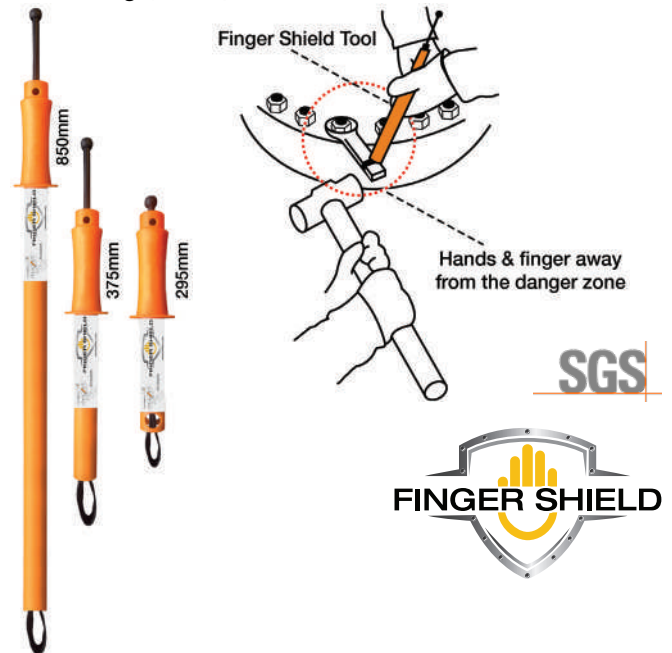
ISU-FS-375 / 375mm / 33.5mm / 230 grams

ISU-FS-295 / 295mm / 33.5mm / 194 grams

• **Material**

Body: High-impact poly propylene

Internal strap: Nitrile (black) / poly propylene webbing (black)



ISHIELDU TAGLINE

ISHIELDU tangle-resistant coated taglines are specifically designed to be a safe alternative to traditional rope taglines can easily become entangled in a person's legs or other surrounding objects, because when the crane is lifting or carrying the goods, the goods may swing and hit other objects, or cause danger to people on the ground, who are on the ground in the safe position uses the IShieldU tagline to turn the cargo so that the cargo does not collide with surrounding objects.



ISHIELDU LIFT ASSIST HANDLE

Lift Assist handles are often used for mining, offshore Oil & Gas industries. Handles to increase grip and greatly reduce pinch points.

• **Lift Assist Single Handle: ISU-LADH**

• **Lift Assist Double Handle: ISU-LASH**

• **Lift Assist Choke Valve Sling: ISU-LVS**





SUNLYTE INSTTA

FORTIFIED WITH ELECTROLYTES & MINERALS



REHYDRATE WITH "AQUABOOST"

- C₆H₁₂O₆** - Instant & sustained Recharge of Glucose combined with electrolytes vital to hydration.
- Na** - Sodium - Key to maintain the rehydration.
- K** - Potassium - Avoids muscle cramps.
- Mg** - Magnesium - Balances nerves and muscle function.
- Ca** - Calcium - For bone strength.
- Cl** - Chloride - Facilitates water recharge.

Model No. / Weight / Flavour
S-INST-OR-21.4G / 21.4 grams / Orange
 1 pack of 10 sachets (1 sachet makes 1 Ltrs.)
S-INST-OR-214G / 214 grams / Orange
 1 packet makes 10 Ltrs.

*The Perfect
Hydration Formula !*



THERMAL IMAGING CAMERA

BULLARD NXT THERMAL IMAGER

Bullard NXT is an NFPA 1801 Certified Thermal Imager, offering the best image clarity with a low cost of ownership. The NXT is built Bullard tough for the way firefighters work. The imager comes standard with a five-year, industry-leading warranty not only on the NXT but also on the battery.

Features:

- Electronic Thermal Throttle® (ETT) software is an investigative tool that automatically isolates temperatures of interest to identify pre-and post-fire hazards with the touch of a button
- 2X and 4X digital zoom allows firefighters to get closer to the action
- SceneCatcher digital video recorder captures up to five hours of video and store hundreds of still images
- Automatic gain adjustment system that switches between high and low gain mode
- Wireless desktop or wireless truck mount chargers
- 5-year warranty on thermal imager and battery with 48-hour guaranteed warranty repair turnover
- NEC/CEC class 1, division 2, groups C and D hazardous locations
- NEC/CEC class II division 2, groups F & G hazardous locations
- ANSI/ISA-12.12.01-2015, CSA-C22.2 No. 60079-0:15, IEC 60079-0:2011, MOD
- NFPA 1801 certified
- Available Colors: Red (default), metallic blue, yellow, black, white, orange, blue and lime-yellow





HUALIAN BODY WORN CAMERA

Model No.: BVH04

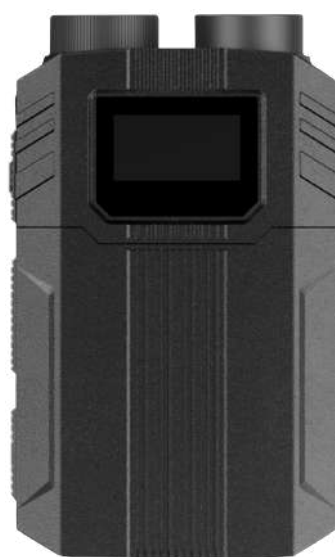
- Robust and rugged design with IP68
- Storage: 32 GB (optional 64GB/128GB)
- Lightweight & portable with long battery life
- Continuous recording time reaches 11 hours
- HDR recording for more vivid & clear pictures
- PTT/SOS button for intercom and tag button for important evidence
- Capture the best quality evidence in low light conditions by IR light
- 4G/Wifi live streaming
- Multi accessories which offer mounting for every situation



HUALIAN HELMET CAMERA

Model No.: HMC01

- Robust and rugged design with IP68
- Storage: 32 GB (optional 64GB/128GB/256GB)
- More than 8 hours for 1080P@30fps
- Rechargeable ultrasonic lithium battery
- Weight: 184g
- Lens: 1/2.7 inch 5.0MP
- Display: 0.9 inch
- Interface: USB type - C/HDMI



HUALIAN TERMINAL DOCKING STATION

Model No.: KDS001

- Operating System: Windows 10
- Display: 21.5inch, multi-touch operation, 1920 x 1080 / 250cd/m2
- Hard Disk: 4TB monitoring level hard disk (100 TB max)
- Processor: Intel I3 4160 dual core 3.6Hz
- Power & Voltage: 500W & 110 - 220 V/AC
- Interface: Power switch / RJ45
- Weight & Dimension: 60kg & 600 x 520 x 1770mm
- Docking Ports: 20 industrial HUB independent identification power supply, single-port current 1.6A





LOCKOUT / TAGOUT

SAFETY PADLOCK

Model No.: SP-G01-SP-G08



CUSTOMISED LOCKOUT TAGOUT & SPECIAL PEN



STEEL HASP LOCKOUT

Model No.: SP-K01



ADJUSTABLE CABLE LOCKOUT

Model No.: SP-L11



SAFETY LOCKOUT KIT COMBINATION BAG



ADVANCED LOCKOUT STATION

Model No.: SP-B102



ECONOMIC CABLE LOCKOUT



MULTIPURPOSE CABLE LOCKOUT

Model No.: SP-L01





More than 25 years Edelhoff-Technologies got known worldwide as a specialized manufacturer of components for catalyst handling. Edelhoff is part of a traditional family-run group of companies owned by Klaus-Union Group with their headquarter in Iserlohn / Germany.

In 2019, ERI Technical Services was founded as a joint venture with Raja International General Trading from Kuwait to provide service companies with a rental fleet of our advanced technologies and our own qualified, trained, and experienced catalyst personnel at shutdowns peaks. ERI is based in Dubai and strongly positioned in the MENA region.

In April 2021, Klaus Union Group became the sole stakeholder of Edelhoff-Technologies. Klaus Union Group is a traditional, family-owned organization that operates internationally. The group has over 1,000 employees worldwide. Klaus-Union Group is one of the world's leading supplier of pumps and valves, especially for the chemical and petrochemical industry.

LIFE SUPPORT SYSTEM (LSS)

Life support systems have been used worldwide for more than 40 years. LSS are needed whenever people must be supplied with breathable air. Three independent supply lines including voice radio, and a breathing protection helmet which cannot be removed uncontrollably – this is the safety concept of NASA. We offer you all components as a complete system CE-certified from one source.

In the context of customer requirements for increased safety, we have further developed and partially digitized our LSS technology in the field of breathing air control and gas measurement monitoring, including recording and data storage systems. Additional monitoring cameras increase safety at the various workplaces of an LSS team. This is the new safety and quality generation 2020 – Advanced technology for the next 10 years!

Breathing console components - CE certified and partially digitized are:

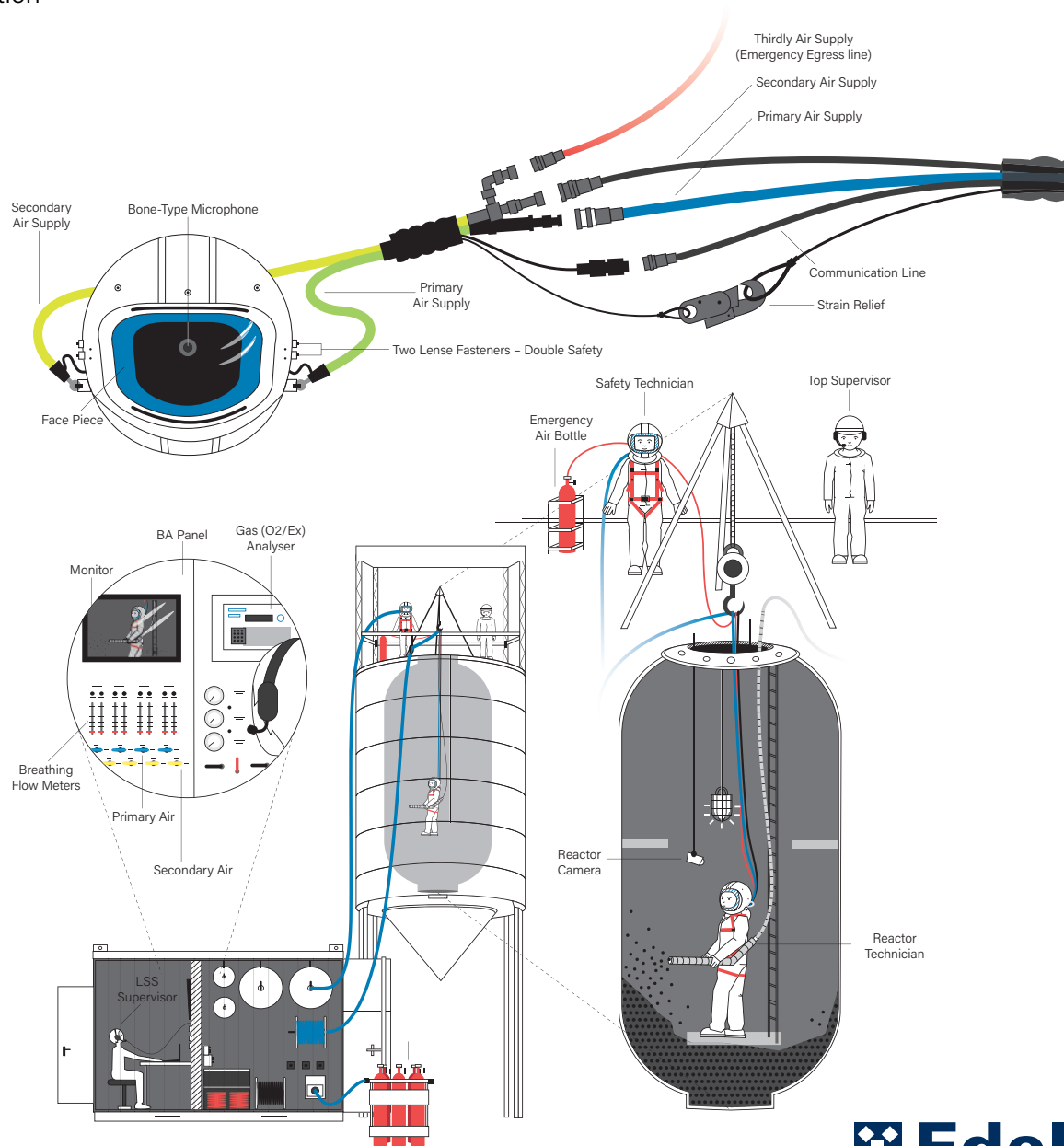
- Manual air supply control system
- Digital recording, evaluation and warning systems
- Integrated voice communication and multiple camera monitoring
- Anti-panic respirator helmet

 **Edelhoff**





Integral anti-panic breathing air helmet with redundant primary and secondary and egress air supply and full communication



Edelhoff

MOBILE HIGH-PERFORMANCE VACUUM UNITS

Technical Information:

Edelhoff was the first enterprise to develop high performance vacuum suction units in container design. Our mobile systems are incorporated in 20" containers. They have permission to be transported on the road, by rail, by sea and by air. Optionally they are available on a swap trailer, as a trailer, or as a fixed superstructure. Edelhoff vacuum units are equipped with fine filters, discharge lock, nitrogen recirculation and cooling for works accomplished under nitrogen conditions.





Flexible Application:

Our mobile vacuum units are being designed and developed for the flexible and independent use at a wide variety of locations. Fitted with the very latest type of low-emission diesel engines with a drive power of up to 200 kW Lionair vacuum units perform to your requirements most reliable, even under the most difficult working conditions.

The particular advantages are:

- Multi-stage blower, depending on its size also executed as pre-initial inlet blower
- Compact and powerful filter separator; expandable and height-adjustable
- Integrated, vacuum-tight bulk solids sluice – ideal for continuous discharging of the aspirated product, especially during the active vacuum process

Mobile Vacuum Unit Type - Lionair Vac 8000 Ex

Diesel drive

Drive power - 200 kW

Volume flow - 9'600 m³/h

With dust explosion-proof in accordance to VDI 2263-3/3673 – in application for the safe removal of substances including coal dust within power plants

Mobile Container Vacuum Unit Type - Lionair Vac 8000 C2

Diesel Drive

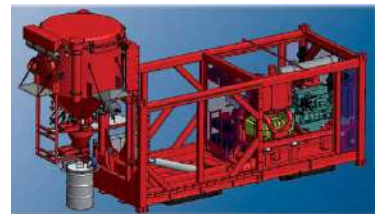
Drive Power - 200 kW

Volume Flow - 9'600 m³/h

In application for dedusting of diverse industrial catalyst materials at refineries and for disposal of waste substances for general industrial cleaning purposes

Special Feature:

Extremely robust and compact design built into a 20" Euro-Container incl. CSC-approval for road, rail, sea and air transport.



Edelhoff

EDELHOFF DENSE LOADING SYSTEM 2020

Technical Information

You can now make use of our technically optimize and job tested new generation of Edelhoff Dense Loading Machines (DLM) for your reactor loading! It preserves your valuable catalyst better than ever and thus extends the material's period of use.

Our tried and tested DLM, which has been continuously developed since 2002, ensures that the catalyst material is distributed evenly, smoothly and dust-free in the reactor. It results in the desired homogeneous and tight sealing of the individual catalyst particles with a significantly higher filling volume.

The continuous control of the inflow quantity and rotary speed of the filling motor as well as the length and shape of the flexible, star-shaped product deflector which is arranged over several layers guarantee a sparing and economic loading for each reactor bed size.





Benefit from Experience!

All practical application experiences are incorporated into the DLM Generation 2020:

- Our customers have carried out globally-successful reactor loadings with Edelhoff Dense Loading Systems for almost ten years
- The Edelhoff Dense Loading Technology was constantly reviewed and further developed in cooperation with the customers
- The qualitative high-grade theoretical education and the practical on-the-job training for operators were implemented thoroughly
- Not to forget, our name stands for more than 50 years of technical experience in handling diverse bulk goods. As a result, the DLM Generation 2020 offers you an individual system which:
- Is even better protected against breakdowns through dust and damage in transit
- Can be technically adapted even more flexibly to the on-site conditions without the need for reconstruction
- Ensures the catalyst is distributed even more evenly the catalyst material is handled even more sparingly
- Regulates the material flow in a more controlled way
- Can be installed even quicker

RENT YOUR DLM 2020

You have three options as regards introducing DLM systems:

- Three year lease contract
- Three year lease contract including
- Full-Service Package "servicing & technological upgrading"
- Lease contract on a daily basis (as an addition for three years contract on request)

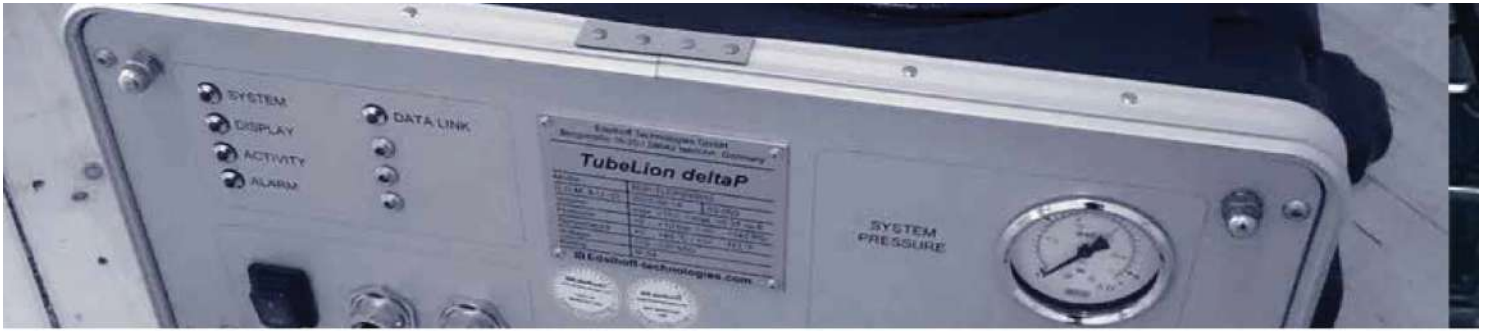
No other licence-fee accrues for you!

On request, we also arrange for a DLM qualified member of service staff from our cooperation partner to implement your catalyst loading.



TAKE A CLOSER LOOK AT THE DEVELOPMENT OF THE DLM 2020!

- **Central product supply:**
The volumetric exhaust flow of the catalyst is solely defined by the central product supply. An uncontrolled product discharge is therefore absolutely excluded.
- **Quick release system for the flow quantity control:**
The Material Flow Control discs graded in 5 mm diameter steps which regulate the inlet quantity of the catalyst on the rotating strips can now be changed externally while the device is assembled in less than 10 seconds. Time saving is around 20 minutes/change.
- **Arrangement of strips:**
Flexible strips arranged on four levels with different numbers of each level guarantee the catalyst is distributed almost dust-free and smoothly in the distributor.
- **Fine alignment of the inflow quantity:**
The use of facing discs on the strip rotary blades allows the inflow quantity which is pre-aligned by the Material-Flow-Control discs to channel to the requested distribution levels and thus improve the loading structure in the reactor.
- **Balanced three point adjustment:**
A balanced three point adjustment was mounted onto the DLM with screw-on extensions, whereby a time-consuming and expensive installation of auxiliary constructions on the reactor entrance is not necessary.
- **Stub wings on the ends of the shaft (alternative):**
According to the type of catalyst and reactor, the catalyst material flowing through the Strip Holder discs reaches a so-called "stub wing" at the end of the shaft which also distributes the material smoothly and evenly at this point for an optimal loading result.
- **Control unit protection:**
The control unit (for compressed air and motor rotating speed) is built into a switch box which protects the aggregate against dust and damage in transit.
- **Compact unities construction system:**
The entire system is mounted into an aluminum container, the internal design of which makes is easy to test the completeness of all construction components.



.....Tubular Technologies.....



■ Belt Conveyor Machine

■ Vibration Machine

■ MULTIDENSE™ Technology

■ Orifice Loading

■ Funnel Loading

■ Dedusting Hopper

■ Final Deduster

■ Air Lancing

■ Air Drilling

■ Fish Tapping



■ Brush Cleaning Machine

■ Drilling Equipment

■ DeltaP Single Tube Technology

■ DeltaP Multi Tube Technology



 **Edelhoff**

SLATE SAFETY PERSONAL MONITORING

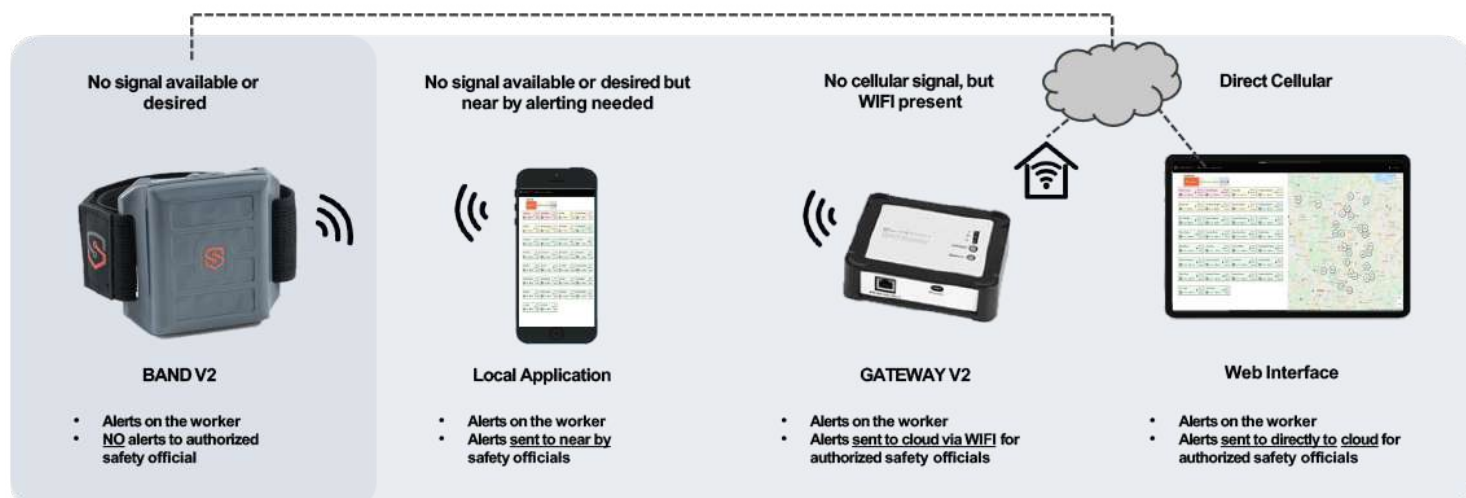
- An intuitive, edge-based system that collects, transmits, and alerts on critical data in real-time
- Specifically designed to be easy-to-use with large groups of people
- Key metrics in real-time including: Exertion, Heart Rate, Core Temperature, GPS and SOS TapAlert
- Use cases such as: Heat Stress and Overexertion prevention, Lone Worker, Confined Space and more
- Configurable alerts with vibration and LEDs for low severity, high severity and return to work
- Use cases such as: Heat Stress and Overexertion prevention, Lone Worker, Confined Space and more
- Easy-to-Use System with No End User Configuration
- The wearer simply puts on a device for it to start working. No buttons!
- After a one-time setup, the platform "just works"
- Rugged and Reliable Device
- The wearable devices are built tough to withstand harsh conditions and are waterproof up to 150 feet
- Direct Cell Connection with Native Redundancy
- The band connects over the cellular network (just like a smartphone). If in a cell-denied area, it will automatically switch to a nearby SlateSafety gateway or store the data on the band until cellular connectivity is restored. Alerts will still trigger on the person even in a cell-denied area!
- Flexible Software
- Powerful cloud-based software runs on any device



Real-time Dashboard



BAND V2


 SLATE SAFETY




FLOWER TURBINES

POWER GENERATION : FLOWER TURBINES

Harnessing the Power of Nature

In the dynamic and demanding world of oil and gas, innovative solutions are pivotal to maintaining operational efficiency while embracing sustainability. Flower Turbines presents a groundbreaking opportunity to integrate renewable energy seamlessly into both off-grid and on-grid operations.

Off-Grid Applications:

Flower Turbines are uniquely designed to operate efficiently in low-wind environments, making them ideal for remote oil and gas sites where traditional energy sources may be impractical or costly. Their compact and modular design allows for easy installation & scalability, ensuring that energy needs are met without compromising on space or aesthetics.

- **Remote Exploration Sites:**

Provide power for exploration equipment & temporary shelters without relying on diesel generators, reducing carbon footprint and operational costs.

- **Environmental Monitoring Stations:**

Ensure continuous power supply to critical monitoring & data collection equipment, enhancing environmental stewardship and compliance.

- **Emergency Power Supply:**

Serve as a reliable backup power source during outages, ensuring safety and continuity of operations.

On-Grid Applications:

Incorporating Flower Turbines into on-grid oil and gas facilities can significantly enhance energy efficiency and sustainability. Their aesthetic appeal and silent operation make them a perfect fit for urban and semi-urban environments.

- **Corporate Offices and Refineries:**

Offset energy consumption by integrating Flower Turbines into the power grid, showcasing a commitment to green energy and corporate social responsibility.

- **Service Stations:**

Install Flower Turbines at fuel stations to power lighting, electric vehicle charging stations, and other facilities, creating a visible testament to sustainability initiatives.

- **Operational Facilities:**

Supplement existing power sources with renewable energy, reducing overall energy costs and enhancing the facility's green credentials.





ROBUSTESS

POWER STORAGE : ROBUST'S ESS Empowering the Future of Energy

In an industry where precision, reliability, and sustainability are paramount, Robust's ESS stands at the forefront, delivering state-of-the-art energy solutions tailored for the unique demands of the oil and gas sector. Our advanced lithium-ion battery packs are designed to seamlessly integrate into both off-grid and on-grid applications, providing unmatched performance and efficiency.

How Robust's ESS Works:

Robust's Energy Storage Systems (ESS) are engineered to provide reliable and efficient energy storage solutions. At the core of our ESS is a containerized system housing advanced lithium-ion battery packs. This modular design allows for scalability and flexibility, ensuring that our solutions can be customized to meet specific energy requirements. Each container is equipped with sophisticated battery management systems (BMS) that monitor and optimize performance, ensuring safety and longevity.

Off-Grid Applications:

Robust's ESS battery packs excel in remote and challenging environments, offering a dependable energy source where traditional power infrastructure may be lacking. Our solutions ensure that operations remain uninterrupted, efficient, and environmentally friendly.

- **Remote Exploration and Drilling Sites:**

Power critical exploration and drilling equipment, ensuring continuous operations without the dependency on diesel generators. This not only reduces operational costs but also minimizes environmental impact.

- **Mobile Units and Temporary Installations:**

Provide energy for mobile units, temporary camps, and remote installations with scalable battery solutions that can be customized to specific energy needs, enhancing operational flexibility.

- **Emergency Backup Power:**

Ensure safety and operational continuity with robust backup power solutions that activate instantaneously during power outages or emergencies.

On-Grid Applications:

Integrating Robust's ESS battery packs into on-grid facilities can significantly enhance energy management, sustainability, and operational efficiency. Our solutions are designed to work seamlessly with existing infrastructure, providing reliable and cost-effective energy storage.

- **Corporate Offices and Refineries:**

Optimize energy usage by integrating battery storage systems, reducing energy costs, & demonstrating a commitment to sustainable practices. Our solutions help balance energy loads, ensuring peak efficiency.

- **Renewable Energy Integration:**

Facilitate the integration of renewable energy sources such as solar and wind, storing excess energy generated and ensuring a stable supply. This reduces reliance on non-renewable sources and promotes a greener operational model.

- **Operational Facilities:**

Enhance the reliability of power supply in operational facilities, reducing downtime & increasing productivity. Our battery packs ensure that critical systems remain operational during grid fluctuations or outages.



ROBUST



RAYTEC LED

POWER UTILIZATION & CONSERVATION : RAYTEC LED Illuminating the Future

In the oil and gas industry, where safety, efficiency, and reliability are non-negotiable, Raytec LED stands as a beacon of innovation and excellence. Our advanced LED lighting solutions are designed to meet the rigorous demands of this sector, providing unparalleled performance in both onshore and offshore environments.

How Raytec LED Works:

Raytec LED lighting solutions are engineered to deliver maximum efficiency and longevity. Products utilize cutting-edge LED technology to provide bright, consistent illumination with minimal energy consumption. Each lighting unit is built to withstand harsh environmental conditions, ensuring durability and reliability. Raytec's intelligent lighting controls further enhance efficiency, allowing for precise light management and energy savings.

Off-Grid Applications:

Raytec LED lighting solutions are ideal for off-grid applications, providing reliable illumination in remote locations where traditional power sources may be unavailable or impractical.

▪ Exploration and Drilling Sites:

Ensure safe and efficient operations around the clock with high-performance LED lighting that enhances visibility and reduces the risk of accidents.

▪ Temporary Camps and Mobile Units:

Provide essential lighting for temporary accommodations & mobile units, ensuring comfort and safety for personnel in remote locations.

▪ Environmental Monitoring Stations:

Illuminate critical monitoring and data collection equipment, supporting environmental compliance and stewardship.

On-Grid Applications:

Incorporating Raytec LED lighting solutions into on-grid oil and gas facilities can significantly enhance operational safety & efficiency. Products are designed to integrate seamlessly with existing infrastructure, providing superior lighting performance.

▪ Corporate Offices and Refineries:

Improve workplace safety and productivity with high-quality LED lighting that creates a bright, comfortable environment for employees. Our solutions help reduce energy consumption & operational costs.

▪ Operational Facilities:

Enhance safety & operational efficiency with lighting solutions that provide consistent illumination in areas, such as control rooms, etc.

▪ Service Stations and Distribution Centers:

Ensure the safety & security of service stations & distribution centers with reliable, energy-efficient LED lighting that enhances visibility.

rayTEC®



OUR BRANDS

Bullard

BICAP
ABSOLUTELY SAFE

Edelhoff

GUARDIAN

mPower Electronics
Making Powerful Senses

PORTWEST

KONG

Ironclad

Jallatte

BLS
MADE IN ITALY

CHEMTUGH

SENKO

COFRA
BORN TO WORK

GVS
FILTER TECHNOLOGY

rpb

Safety plus
WORLD

DESERT GOLD

EARSafe

EX SHIELD

FINGER SHIELD

FEND

ISHIELDU

SUNLYTE INSTTA

Kestrel

progetti
Medical Equipment Solutions

HUALIAN INDUSTRIAL

REALIX

iEvac

SECURLINE
SECURITE PARTICULIERE SUB MESURE
PROTECTOR PERSONNELS OUTDOOR WORK

Mode
LIFE SAFETY PRODUCTS

CHECKMATE

STRONGHOLD
BY PSG

RADIANS

SIBATA

rayTEC

SOTEN

SLATE SAFETY

Flower Turbines

ROBUST

OUR TEAM



SAFETY PLUS WORLD FALL PROTECTION SERVICE CENTER



SAFETY PLUS WORLD SCBA & GAS DETECTION SERVICE CENTER



RECENT ACCOLADE



SUPPLY CHAIN & LOGISTICS





AI
IOT
Safety
Equipment
PPE Safety Gloves
Safety Shoes Safety
Helmets Safety Goggles
Fall Protection HSE Health
Safety Environment First Aid
Head Eye Protection A.E.D. Hand
Protection Gas Detection Occupational
Safety SCBA Foot Protection Industrial
Safety Personal Protection
Equipment Artificial
Intelligence Carbon Zero
Go Green Sustainabilit
y IOT Heat Stress
Work-wear Air Eye
Shoes Quality
Hydration EEED
Protectio n Al
Industri a l
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Safety plus
WORLD

Top Brands • Total Solutions • One World

A Division of



RAJA INTERNATIONAL FZE - U.A.E

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