

ABU DHABI

DUBAI

MUMBAI

HOUSTON

**aos**  
arabian ocean



**Supplying  
rig parts globally**

**Turnkey Rig Solutions**

## Specializing in Procurement of Marine, Oil & Gas and Drilling Equipments



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10 Years and counting...

Arabian Ocean was established in 2004. Brand "AOS" came into the oil and gas industry to play its part and today we have certainly established ourselves as one of the preferred suppliers to the Oil & Gas industry and to all the major Drilling Contractors, supporting their projects with what we do best in this region during upgrades, refurbishments new builds and during contracts. The 'difference' at ARABIAN OCEAN is SERVICE. The cornerstone of our success is the ability to deliver quality and the best possible service to our clients. This, we attribute to our unrivaled global contacts, a strong financial base and close ties with carefully selected suppliers. The company owes its success to the combination of a qualified and efficient task force, a global presence with offices in UAE, INDIA, USA with associate offices in UK-Aberdeen, Singapore, China, Italy, Saudi Arabia, Egypt and West Africa, besides expertise of local specialists.

#### OUR PROMISE

To fulfill our client's expectations with a commitment to provide long terms benefits. Ensuring always to meet industry codes and standards. Supply the right materials and equipments first time and every time.

#### OUR VISION

To be the leading partner of choice and a preferred supplier of rig equipments and materials, from the crown to the bit, for land and offshore rigs.

#### OUR STRENGTH

Ability to source and procure rig equipment and materials globally. Offices in Dubai, JAFZA, Abu Dhabi, Mumbai and Houston with an excellent network in China, Singapore and Italy.

#### CERTIFICATION / MEMBERSHIP



## Procurement for Rig projects during New builds, Upgrades, Refurbishments & on Contract



24 x 365  
SURE ON SHORE





PREMIUM COMPOUNDS

Bestolife 270®  
60%  
Mr. 'B'®  
ZN40  
ZN50  
ZN60  
White Collar  
Black Jack  
Copper Supreme Special Blend®  
Copper Supreme Special®  
CBLF HT  
Cal Bronze  
Cal Bronze® Lead Free  
Copper Joint  
Copper Joint Lead Free  
"3010"® Ultra  
"4010" NM  
"4040" NM  
"3010"® NM Special  
"3000"®  
GGT-RSC HT



BESTOLIFE ZN-50



BESTOLIFE Copper  
Supreme Special  
Blend® Plus

**APPLIES LIKE HONEY. WORKS LIKE A BEE.**

**BESTOLIFE** Premium Compounds lead the market for Drilling, Production and Industrial applications. Bestolife offers a diverse lineup of superior compounds that are proven to extend the life of drilling equipment and are formulated and manufactured according to strict standards of quality to assure that the compounds meet or exceed industry standards and customer needs. A continuing commitment to quality and research ensures that every **BESTOLIFE** compound applies like honey, and works like a bee.

**BESTOLIFE ZN-50** is a zinc-based thread compound recommended for drilling, tool joints, drill collars, and coring bits. It contains 50% finely powdered metallic zinc, plus H<sub>2</sub>S and oxidation inhibitors.

**APPLICATIONS** Drilling, tool joints, drill collars, and coring bits.

**BESTOLIFE Copper Supreme Special Blend® Plus** (CSSB PLUS) adds a proprietary corrosion inhibitor to the original CSSB formula, providing excellent storage protection in addition to its superior running capabilities. CSSB PLUS guards against corrosion, resists washout, and will not harden or bleed excessively in storage.

**APPLICATIONS** High temperature compound for drill collars and drill pipe with storage protection. Recommended for all drilling applications (rotary-shouldered connections), including high temperature environments. It is also effective for use on slides, jacking systems, cantilever type rigs and assemblies.

APPLIES LIKE HONEY. WORKS LIKE A BEE

**BESTOLIFE Cal Bronze Lead Free High Temp** (CBLF-HT) is a lead-free, zinc-free compound for rotary-shouldered connections. It provides galling and seizing protection and support for high bearing stress. CBLF-HT applies easily in a wide range of temperatures and conditions, is resistant to washout, and will not harden or bleed excessively in storage.

**APPLICATIONS** High temperature compound for drill collars and drill pipe. Recommended for all drilling applications (rotary-shouldered connections) including high temperature environments. It is also effective for use on open gear jack-up legs.

**BESTOLIFE Copper Supreme Special Blend®** (CSSB) is a non-lead, non-zinc compound that applies easily in a wide range of temperatures and conditions. CSSB is washout resistant and will not harden or bleed excessively in storage.

**APPLICATIONS** High temperature compound for drill collars and drill pipe. Recommended for all drilling applications (rotary-shouldered connections), including high temperature environments. It is also effective for use on open gear jack up legs.

**BESTOLIFE 3010® Ultra** is a non-metallic thread compound for rotary-shouldered connections and is effective for jack up systems. Heavy metal free for environmental concerns, the compound excels in low temperature and high temperature environments. 3010® Ultra prevents galling and seizing on even, non-magnetic surfaces, forming a gasket-like seal in a rotary connection for maximum protection in rough conditions.

**APPLICATIONS** Non-metallic compound for rotary-shouldered connections in cold, wet conditions. Recommended for all drilling applications (rotary-shouldered connections), including high temperature environments.



BESTOLIFE Cal Bronze  
Lead Free High Temp



BESTOLIFE Copper  
Supreme Special Blend®



BESTOLIFE 3010® Ultra

## X-904 Personnel Transfer Device

- Overhead & outer passenger protection
- Passenger positioning system
- Standing during transfer prevents passengers from losing their "sea legs"
- Standing during transfer allows for more efficient egress to a safe area
- Passengers face "inward" a familiar & comfortable position during transfers
- Improved step in positions with netted baggage area
- Bottom cushions for softer landings
- Safe Transportation of injured personnel
- Eliminates slack netting
- Collapsible for easy transport & storage
- Models for 4,6,8,10 & 12 passengers
- Can be refurbished and recertified
- ABS type approved



**WHEN ONLY THE  
BEST WILL DO...**

## Authorised Refurbishment Centre

*Also offering Transfer Baskets on Rental*

## X-904 Personnel Transfer Device

### SPECIFICATIONS

- API specification 2C Fifth Edition, April 3,1995, 3.13 API RP54, R250LGS with design factor of 10
- Lifting ring - 7/8" forged steel
- Safety load line (optional: add "DC" to model number)
- Stabilizer unit covered with plastic impregnated fabric
- Netting lines 3/4", 9950 lbs. test each
- Top ring 30" padded
- Bottom ring overall dimensions 72" with padding
- Padding is shock absorbing, synthetic flotation material
- 9 feet from bottom to top ring
- Four entrances to net
- Bottom of net - 5 rubber chafe pads

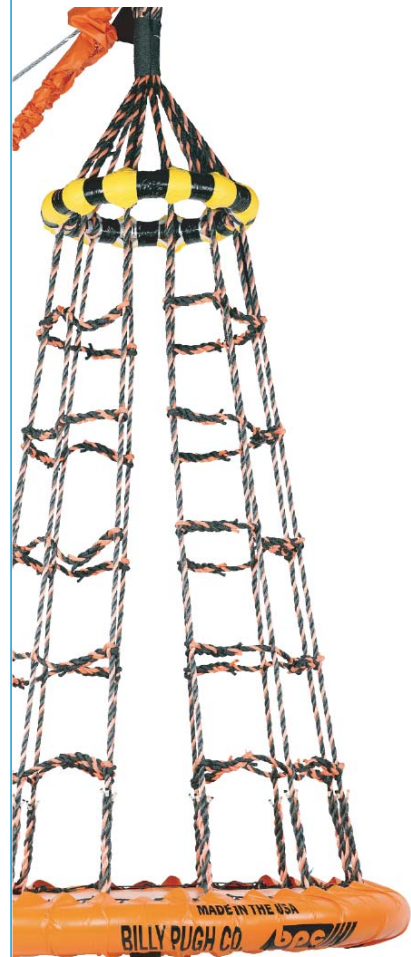
### FEATURES

- Provides safe, sure transfer of personnel
- Used offshore by major oil producers
- Recognized as safe transfer device
- Collapsible design for easy storage
- American Bureau of Shipping (ABS) - Certified on request
- Tested and approved by safety engineers worldwide
- Premium quality materials
- Proven stabilizing system
- All materials certified and approved by oil industry
- Accept no substitutes - there is a difference



THE BEST TRANSFER DEVICE

WHEN ONLY THE BEST WILL DO



# X-800

## Personnel Transfer Device

- Sets standards in safety
- Used Worldwide
- Efficient & Affordable
- Collapsible for easy transport & storage
- Offshore Oil Hall of Fame inductee
- More safe offshore transfers than any personnel transfer device in history
- Models available with 4 to 12 person capacities



EXCELLENCE IN **OFFSHORE PERSONNEL SAFETY**

### PERSONNEL WORK BASKET

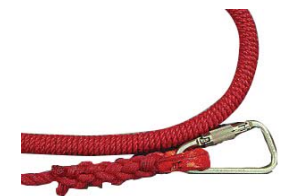
Billy Pugh Company's collapsible work basket is a lightweight man basket for applications where OSHA requirement is not applicable.



Personnel Work Basket

### TAG LINES

The Billy Pugh Co. tag line is much different. How different? For one, the BPC tag lines are tangle resistant.



Tag Line

### RIGID CARGO BASKET

Billy Pugh Co. rigid cargo baskets are high quality, galvanized and made for the tough jobs. Rated at 2500 lbs.



Rigid Cargo Basket

### WORK VESTS

Billy Pugh Co. offers a variety of specialty products. Do you need a ring bouy or work vest? Find out more.



Work Vests

### DERRICK BASKET (DB-1)

The DB-1 Derrick Basket is made for lifting personnel with a lightweight basket and retractable lifeline attached to fall protection harness.



Derrick Basket (DB-1)



**LUBRICANTS DESIGNED BY LIQUID ENGINEERS TO INCREASE RELIABILITY AND EFFICIENCY FOR OIL & GAS DRILLING OPERATIONS**

Our product range has been developed to meet the unique challenges of the exploration and production industry. We offer high-performance and bio lubricants to help you drive operational efficiency and comply with environmental legislation. Understanding your unique operating conditions and environmental requirements, we will select the most appropriate products for the equipment defined by an asset design, following OEM recommendations. We can coordinate the technical lubrication performance data regardless of operating location.

Through our well-established global supply chain and local distributor network we can make sure our products are stocked and delivered according to the agreed lubrication and maintenance schedules wherever you operate.

**BIOBAR 32**

BioBar contains selected additives ensuring good oxidation stability, good anti-corrosion and anti-wear properties and low aquatic toxicity.

**HIGH TEMPERATURE GREASE (HTG)**

Castrol High Temperature Grease is a high performance, multipurpose lithium complex grease developed using an optimized combination of high quality mineral oil, proprietary thickener technology and a specially selected additive system enabling reliable performance across a wide range of temperatures.

**TECTION GLOBAL 15W-40**

Castrol Tection Global provides excellent protection for a wide variety of engine makes, so it is the first choice for fleets which contain different vehicle types. Its primary application is in Euro IV and European technology vehicles, as well as in US technology vehicles. Castrol Tection Global 15W-40 is a truly versatile product which can be used across most truck and bus fleets.

*\*Specify grades as required\**



BioBar 32



High Temperature Grease (HTG)



Tection Global 15W-40

As the world's leading manufacturer for rigging, lifting, and material handling applications, Crosby delivers a diverse portfolio of products engineered to exceed the toughest demands of any industry, including land-based and offshore energy, cargo handling and towing, marine, mining, and transportation. Products include hooks, Red Pin® shackles, hoist rings, master links, lifting clamps, slings, turnbuckles, snatch blocks.

**G-2130 BOLT TYPE ANCHOR SHACKLE**

G-2130 Crosby® Bolt Type Anchor Shackle with thin head bolt - nut with cotter pin. Forged, quenched and tempered with alloy pins. WLL shown on every shackle. Hot Dipped Galvanized.

**G-2150 BOLT TYPE CHAIN SHACKLE**

G-2150 Crosby® Bolt Type Chain Shackle with thin hex head bolt - nut with cotter pin. Forged, quenched and tempered with alloy pins. WLL shown on every shackle. Hot Dipped Galvanized.

**G-80 ALLOY CHAIN**

Crosby® Spectrum 8, Alloy Lifting Chain is made from Heat Treated Alloy Steel and has a Black Thermadep Rust Preventative Coating finish. Embossed with CG (Crosby Group) and 8 (Grade) and is recommended for overhead lifting applications.

**M-419 MCKISSICK SNATCH BLOCK**

McKissick® 419 Light Champion Snatch Blocks with Shackle have a lighter weight than Champion models. Model 419 has forged steel swivel tee, yoke and shackle. Opening feature permits insertion of rope while block is suspended from gin-pole. 3" thru 18" 418 and 419 blocks have exclusive bolt retaining spring to assure no lost bolts. Snatch Block has pressure lube fittings and is fatigue rated. 4-1/2" and larger blocks are RFID equipped. Hook and shackle assemblies can be interchanged. 3" thru 10" blocks feature dual rated wireline sheaves.

**G-450 WIRE ROPE CLIP**

Individually bagged or tagged with proper application instructions and warning information. Entire clip is galvanized to resist corrosive and rusting action. Clip sizes up through 1-1/2" have rolled threads. Sizes 1/8" through 2-1/2" and 3" have forged bases.



G-2130 Bolt Type Anchor Shackle



G-2150 Bolt Type Chain Shackle



G-80 Alloy Chain

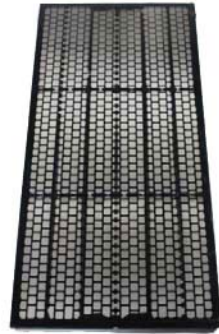


G-80 Alloy Chain



G-450 Wire Rope clip

MAKE THE BLACK SCREEN YOUR LAST SCREEN



Continental's innovative CRX screens are designed for extended longevity and increased flow conductance. Our cut points are on the high end of the API scale, which means more particle removal. We use three layers of mesh on all our CRX screens. Our high grade steel frames are fabricated and welded to exact specifications. And our specialized adhesion process gives our product its advantage in durability. This all translates into cleaner mud, increased productivity, and better value for you.

Continental believes that by continually advancing our proven designs, we are better equipping our customers with real answers to their solid control needs. These advances extend the life time of older shakers as well as maximizing the performance of existing shakers

API RP 13 C is the «recommended» way of classifying shaker screens. Testing utilizes rotap machine and ASTM sieves. A manufacturer's screen samples are tested within this sieve column. It is based on 100% retention of the media (aluminum oxide) on the test screen for API classification for that screen.

We produce the following replacement screens that fit these shale shaker machines: Brandt® Cobra, Venom, Brandt® VSM 300, National™ 285P, Mongoose™, Swaco™, Fluid System™, Kem-Tron™, O'Drill™, Site Tee™, Triton™, Derrick™, DFE™, DFTS™ and many custom varieties.

Screens available in CRX, Ultra Fine, TBC, HCR® and Market Grade meshes.

In addition, Continental are the OEM manufacturer for the following companies: Vortex Fluid Systems Inc.™, Dynamic Energy Services™, Mudtech™, O'Drill™, and Triflo™.

RIG - GENERAL CONSUMABLES

**DOPE BRUSH**

Dope brush also called Magnolia brush 2, has taper bristles at both ends, and have wooden handle with guard plate. These dope brushes come in 12 pcs per box.

**GOJO® ORIGINAL FORMULA™ HAND CLEANER**

GOJO® ORIGINAL FORMULA™ crème contains soothing emollients. For removing heavy grease, tar and oil. Rub, then wipe clean with a towel or rinse off.

**SCRUB FENDER BRUSHES**

Scrub fender brush or scrub brush or Magnolia scrub brushes Tampico is natural fiber with a soft to medium soft texture, resistance to cleaning chemicals, scrub fender brush available in 12 pcs per box

**TAVOY COVERALL**

Tavoy offers that flexibility and reach wherein you can design your own product, set your requirements right and finally order any respective quantity of workwear.

**SAFETY WIRE PINS**

Product Code	Overall Length	Usable length	Wire Diameter (D)	Package Quantity
25-03	1-9/16"	15/16"	0.047"	25pcs
25-04	1-3/4"	1-1/16"	0.058"	25pcs
25-05	2-3/4"	1-11/16"	0.091"	25pcs
25-06	4-3/8"	2-13/16"	0.120"	10pcs
25-07	5-3/4"	3-3/4"	0.148"	10pcs

**SPECIFICATION:**

- Type : Coiled Tension
- Material : Spring Wire
- Finish : Zinc Plated
- Wire Shape : Square



Magnolia Dope Brush



Gojo Hand Cleaner



Fender Brush



Tavoy Coverall



Safety Wire Pins



## BUTTERFLY VALVES FEATURES AND BENEFITS

One of the most durable of all resilient-seated butterfly valves in the industry, this valve excels in a wide variety of applications.

Cast in both wafer and tapped-lug patterns in a wide variety of material choices, DEMCO Butterfly Valves feature a one-piece body of minimum weight and maximum strength.

The unique stem hole design in the disc ensures a dry stem journal and the hard-backed seat allows ease of installation, reliable operation, and is field-replaceable without special tools. DEMCO Butterfly Valves are available in size 2 in. through 36 in. (50 mm through 900 mm)

Engineered for long-term, maintenance-free performance, DEMCO Butterfly Valves are commonly selected for a variety of applications spanning a wide range of industries:

- Chemical and petrochemical
- Agriculture
- Oil and Gas drilling and production
- Food and beverage
- Water and waste water
- Cooling towers (HVAC)
- Power
- Mining and materials
- Dry bulk handling
- Marine and government

### BI-DIRECTIONAL SEALING

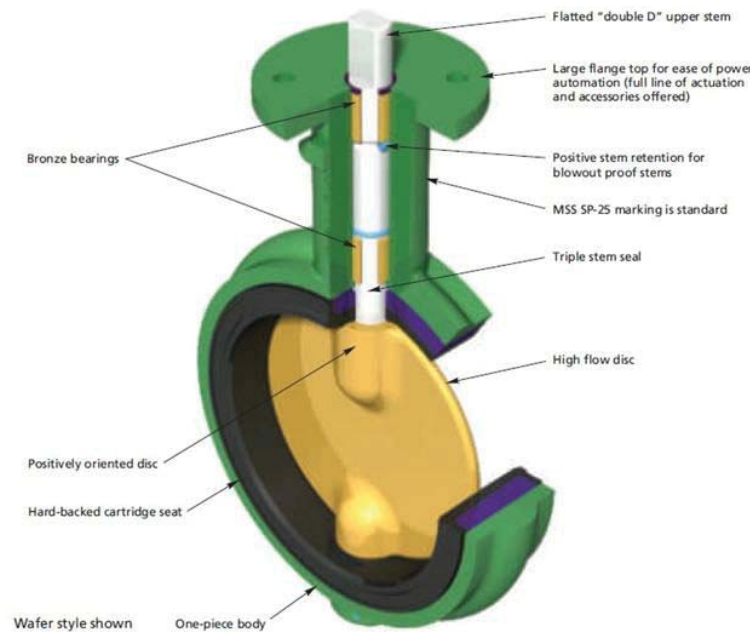
This valve provides bi-directional sealing at full rated pressure with identical flow from either direction.

### INTEGRAL FLANGES SEAL

Molded into the edge of the seat is an integral flanges seal which accommodates ASME weld neck, slip-on, threaded and socket flanges as well as "stub end" type C flanges.

### ASME CLASS 150 RATING

Body rating is ASME Class 150 (285 psi non-shock). Wafer body diameters are designed to self-center in ASME Class 150 flange patterns.



### WAFER-STYLE BUTTERFLY VALVES

The wafer style butterfly valve is designed to maintain a seal against bi-directional pressure differential to prevent any backflow in systems designed for unidirectional flow. It accomplishes this with a tightly fitting seal; i.e., gasket, o-ring, precision machined, and a flat valve face on the upstream and downstream sides of the valve.

### LUG-STYLE BUTTERFLY VALVE

Lug-style valves have threaded inserts at both sides of the valve body. This allows them to be installed into a system using two sets of bolts and no nuts. The valve is installed between two flanges using a separate set of bolts for each flange. This setup permits either side of the piping system to be disconnected without disturbing the other side.

### SERIES NE-C

Sizes 2" through 12" (50mm through 300mm), this series is a general purpose valve with neck length designed to provide full clearance of the valve top over 2" of insulation on ASME Class 150 pipe flanges, available in both Wafer and Lug Styles.

### SERIES NE-I

Sizes 2" through 12" (50mm through 300mm), it is suited for a wide range of applications in many industries, including food and beverage utilities and process flow lines. This short neck design is offered in a wide variety of body materials. The valves are designed for installation between ASME Class 125/150 flanges.

### SERIES NE-D

Sizes 2" through 12" (50mm through 300mm), it is a short neck valve with body notches to fit popular lightweight flange patterns, making it ideal for bulk material handling and the transportation industry. Valves will also center in ASME Class 125/150 flanges.

### SERIES MARINE

DEMCO Marine Butterfly Valves meet all the requirements of U.S.C.G. Marine Engineering Regulations as outlined in Title 46, Code of Federal Regulations, Part 56 and American Bureau of Shipping including tagging per MSS-SP-25 and testing per MSS-SP-67. All valves are shell tested at 1 1/2 times rated working pressure and seat tested at rated working pressure.



WAFER & LUG TYPE



SERIES NE-C



SERIES NE-I



SERIES NE-D



SERIES MARINE





Desanders / Desilters



Mud Hopper



Vacuum Degasser



Split Rotary Bushing

### DESANDERS / DESILTERS

Desanders and desilters are solids control equipment that is installed on top of a mud tank. Each piece of equipment consists of a set of hydrocyclones that separate sand and silt from drilling fluid while they differ by the size of the hydrocyclones used.

Desanders utilize several 8", 10", or 12" hydrocyclones. Utilizing hydrocyclones with larger internal diameters increases the flow rate as well as the size of the solids removed. Increasing the number of hydrocyclones in the package also increases the flow rate of drilling mud through the desander. Typically a 10 inch cone (hydrocyclone) is capable of removing 50% of solids with in the 40 to 50 micrometer range at a flow rate of 500 gallons per minute.

### MUD HOPPER

Mud Hoppers are designed for easy sack-to-hopper transfer. 6" hopper has the optional venturi to aid the mixing process, by increasing velocity, thus increasing shear rates. Double Life mud saver buckets are designed too keep the rig floor while making a trip. Constructed of heavy steel with Camloc closures ensure years of trouble-free service.

### VACUUM DEGASSER

Vacuum Type is the most common form of degasser. It can be horizontal, vertical or round vessel. A vacuum action is created to pull in the gas cut mud. When the liquid enters the tank it will flow and be distributed to a layer of internal baffle plates designed for the mud to flow in thin laminar film and is exposed to a vacuum that forces the gas to escape and break out of the mud. The vacuum pump moves the escaping gas from the vessel discharging it to the rig's flare or environmental control system.

### DOUBLE LIFE SPLIT ROTARY BUSHING

- Safety
- Reduce back strain
- Eliminate / Decrease wear through wear master bushing on drill string
- Stop wear on master bushing

### MINI & MICRO CONNECTORS

Ericson's family of MINI-SYNC™ and MICRO-SYNC™ connectors, cable assemblies and receptacles offer the flexibility, vibration resistance and product configuration options necessary for today's challenging manufacturing environments. These connectors have been designed for low amperage AC or DC control systems, and are compatible with the pin configurations used by major U.S. and European sensor manufacturers.

### WIRING DEVICES

Ericson's offers a wide variety of plugs and connectors ideal for virtually any application. The PERMA-TITE 2 family is designed for use in extreme conditions and is ideal for food processing, industrial marine and petro-chemical environments. Perma-Grip devices offer quick field assembly and can stand up to the most demanding industrial and construction requirements, while the innovative Smart Monitor feature provides constant indication of safe operating conditions.

### CABLE REELS

Ericson's electrical cord reels are ideal for a wide range of applications and available in multiple configuration ratings including light duty, industrial duty, long footage heavy duty, and hazardous location. Static discharge grounding reels are also available

### TUFFTRAXX CABLE PROTECTOR

Easy to install and reconfigure, the non-metallic TuffTraxx Series protects pedestrian traffic from dangerous trip hazards and shields interconnect cabling from harmful equipment traffic, thus minimizing expensive down-time and repairs.

### TEMPORARY LIGHTING

Ericson's heavy duty work lights deliver uncompromised performance and flexibility well-suited for indoor, outdoor and wet location use. New state-of-the-art LED lighting features light-weight, rugged construction and cULus wet location listing.



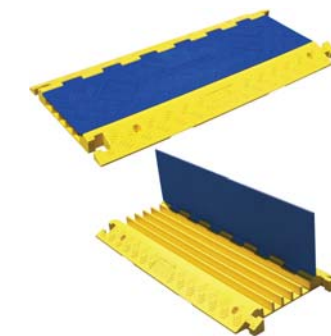
Mini & Micro Connectors



Wiring Devices



Cable Reels

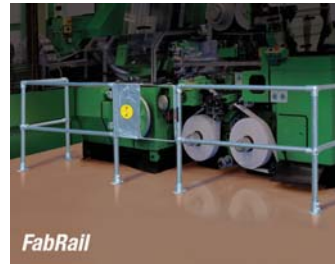


Tufftraxx Cable Protector



Temporary Lighting

INDUSTRIAL SAFETY GATES



FabRail

Safety Rail



Dock Gate



DG Vertical Gate

Dock Gates



MZ-Pivot Gate



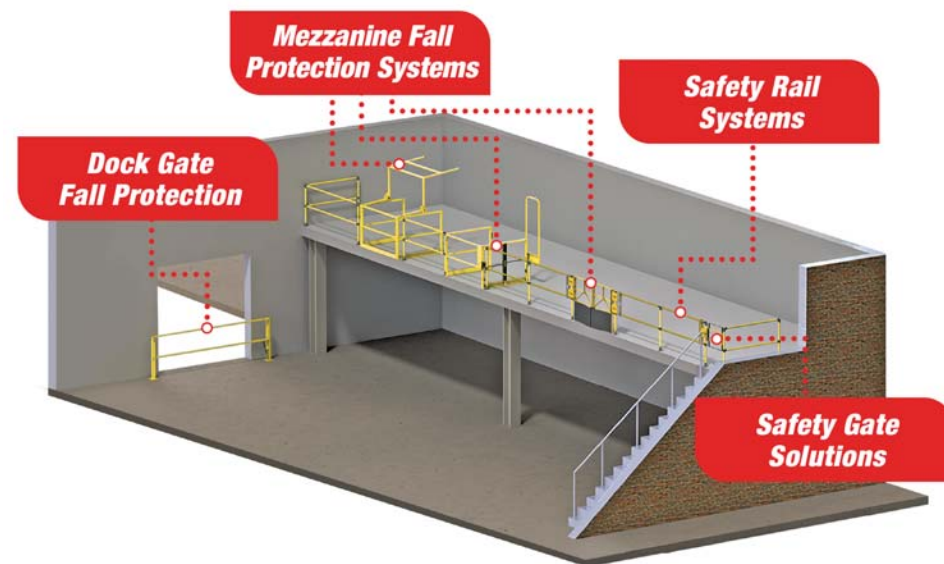
MZ Clear Height Gate

Mezzanine Gate

# Safety doesn't just happen... we have the SOLUTIONS

## Facility-wide fall protection from FabEnCo

For over four decades Fabenco has been at the forefront of facility safety products innovation, protecting employees from workplace falls that can lead to injuries and death. You can count on us for high-quality, American-made OSHA compliant solutions for all your fall protection, access control and traffic management needs.



**FabEnCo** Your one stop shop for fall protection solutions

SAFETY GATES IN ACTION

### G SERIES - CARBON STEEL

#### The Universal Hinge Mount Safety Gate

The G Series - Carbon Steel self-closing safety gate is ideal for fall protection, machine guarding, access control and pedestrian traffic management.



Safety Gate G Series

### ZT SERIES

#### The Full Coverage Safety Gate

ZT Series full coverage safety gates provide 40" coverage from the top rail to the floor.



Safety Gate ZT Series

### RX SERIES

#### The Standard Bolt-On Extended Coverage Safety Gate

The RX Series self-closing safety gate can be used effectively as an access control safety gate or a stairway gate. The R and RX Series self-closing safety gates were originally developed as metal alternatives to plastic swing gates.



Safety Gate RX Series

### XL SERIES - CARBON STEEL

#### The Extended Coverage Self-Closing Safety Gate

This series of FabEnCo Safety Gates is available in carbon steel, as well as aluminum and stainless steel for special applications/environments. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.



Safety Gate XL Series

### A SERIES - CARBON STEEL

#### The Original Self-Closing Safety Gate

This series of FabEnCo Safety Gates is available in carbon steel, as well as aluminum and stainless steel for special applications/environments. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.



Safety Gate A Series



FABRICATION SERVICES



**ARABIAN OCEAN** has been recognized as one of the competent and reliable suppliers of following Products

- Fabrication of Pressure Vessels
- Chemical Mixing Storage Tanks
- Process Equipments
- CS and SS Piping spools
- Material handling equipment like Conveyors, Elevators, Hoppers, Silos
- Structural steelwork and Architectural steelwork
- Chemical injection skids, Process Skid Packages
- Stainless steel Architectural, Industrial and Kitchen Equipment



HEARING PROTECTION AND HEARING CONSERVATION

**MAX - UNCORDED**

Workers who need to block out loud noise demand the best protection and comfort available in an earplug. That's where MAX comes in. The world's most popular polyurethane foam earplug, MAX offers superior noise-blocking performance in a single-use disposable earplug. MAX's enhanced contoured shape is easier to insert and resists backing out of the ear canal, while its softer foam delivers superior long-wearing comfort - delivering solid performance that your workers can depend on.

**MULTI MAX®- UNCORDED**

Multi Max offers flexibility, protection and economy in hearing protection with its two-sizes-in-one design, improving individual fit while simplifying inventory. Multi Max offers a comfortable fit with its self-adjusting polyurethane foam and smooth, soil-resistant skin.

**MAX LITE®- UNCORDED**

Ideal for workers with smaller ear canals, Max Lite's low-pressure polyurethane foam expands gently inside the ear canal for comfortable long-term wear, while its contoured T-shape delivers ease of handling.

**LASER LITE®- UNCORDED**

The bright idea in hearing protection, Laser Lite's low-pressure polyurethane foam expands gently inside the ear canal for comfortable long-term wear, while its contoured T-shape delivers easy handling. Its high-visibility magenta and yellow colors make compliance checks quick and easy. Plus, Laser Lite is available with special packaging and dispenser options, ideal for process industries with low tolerances for packaging waste.

**LEIGHT® SOURCE 500 - DISPENSER**

The Leight Source 500 earplug dispenser provides a highly visible, user-friendly, permanent hearing protection center. Built with heavy-duty anodized aluminum and designed for wall installation, the Leight Source 500 dispenses earplugs with a simple turn of the handle, providing a hygienic and economical source for earplugs. The Leight Source 500 is ideal for large factories and process industries that have zero tolerance for packaging waste.



Max-ID



Multimax



Max Lite



Laser Lite



LS-500 Dispenser with Max-ID



REVOLUTIONARY FULL HAND AND FINGER PROTECTION



Original



Cut Resistant



Cold Condition Waterproof



Dexterity Super Grip



Slip & Oil Resistant

**ORIGINAL**

The Kong Glove is the original King glove of oil and gas industry. Co-developed by the Oil and Gas Industry Safety Committee representing ExxonMobil, ConocoPhillips, Chevron, Halliburton and many other respected industry leaders.

**CUT RESISTANT**

The KONG Cut Resistant is CE EN388 level 5 and ANSI/ISEA level 4. The key to this extremely high level of cut resistance is Kong's exclusive CT5™ cut resistant material that covers the entire palm. It's extremely flexible and breathable allowing maximum dexterity and comfort.

**COLD CONDITION WATERPROOF**

The KONG Cold Condition Waterproof glove is perfect for cold, windy, wet conditions on the rig or in the fields. It's oilproof, windproof and waterproof and offers the rugged protection and back of hand protection that the Oil and Gas Industry demands. Breathable waterproof; allows sweat to evaporate, keeping hands dry and warm.

**DEXTERITY SUPER GRIP**

The KONG Dexterity Super Grip features Ironclad's patented Diamond clad silicone fused palm, offering maximum dexterity and non slip performance on wet and oily surfaces. Perfect for workers seeking a high dexterity glove with KONG® back of hand protection that the Oil and Gas Industry demands.

**SLIP & OIL RESISTANT**

The KONG Slip & Oil Resistant features exclusive Hybrid Polymer Technology on the entire palm. The special palm allows oil, sludge and mud to escape from your hand for maximum grip and dexterity on slippery objects. The entire palm is also 100% oil proof meaning no oil can get to the palm of your hand.

DECANTER CENTRIFUGE SERVICES

**Cleaning the world one drop at a time...**

The process is the movement of particles in a fluid under centrifugal force. This action is similar to the displacement of particles in a gravitational field. This causes the accumulated solids to head in one direction while the liquids are expelled at the opposite end.

**PETROCHEMICALS**

Separation of polyethylene organic solvents. Production of plastics such as PVC and PE. The KDS centrifuge plays a significant role in the process of obtaining petroleum products, by ensuring the transfer between different multiple stages of these products to reach the ultimate goal. Always taking into consideration that all our equipment is looking to gain the maximum performance under harsh environment. KDS is currently working hand in hand with international companies worldwide producing PVC.



**METALS & MINERALS**

The KDS centrifuges are used in key processes of recovery in the mining industry among: Drying and minerals recovery. Procedure for cleaning drill cuttings (Recovery of Barite and Bentonite). These processes require extensive experience to operate under unfavorable conditions, with high wear and extremely corrosive fluids. In the recovery of minerals KDS centrifuges are designed to give accurate results even in the most complicated task of drying and separation. In the recovery of Barite and Bentonite, this plays a key role in the oil extraction process.



KHV-4800



KHV-89



KHV-3500



K-18x28



KHV-5800





## Compactor Bags/Dumpy Bags

### THE USE OF POLYPROPYLENE BAGS IN COMPACTORS

The use of woven polypropylene in trash compactors started, in the offshore oil and gas industry. The tonnage per load was too high for vinyl, and the trash being put in the units was coarse and sharp could range from wood to glass objects. The perfect solution as a bag that could handle the abrasive nature of compaction, without having a metal sleeve inserted inside the bag to keep the bag from ripping while inside the compactor. Even if a small tear occurred during compaction the woven material would not continue to rip, as most plastic bag would. The heavy duty lift straps sewn down the side of the bag enable the bag meet ISO quality demands. The bags are rated by FIBC to hold a 5:1 ratio. Although woven polypropylene bags were very expensive in the beginning, the cost has come down significantly. Today, the use of polypropylene bags in compactors are more feasible, and continues to be tear resistant and tough.

Compactor/Dumpy bags are manufactured from virgin woven polypropylene. Both Laminated & with Liner bags are available at competitive pricing. These bags are randomly tested to verify quality and strength.

- All bags are tested at five times their working load.
- Bags are made of disposable, UV Stabilized polypropylene.
- Fold up design for convenience when not in use
- A small (4 numbers) loop are used to hook onto the frame of the stand

### BENEFIT OF WOVEN-POLYPROPYLENE-COMPACTOR - BAGS:

- Woven to be incredibly tough and durable
- Tear resistant
- Lightweight
- Resistant to chemical & sun rays
- Withstands mold and mildew

New High-Visibility Nylon Derrick Belts Full Line of Fall Arrest Harnesses Shock Absorbing & Retractable Lanyards Braided Steel Tail Ropes & Extensions Heavy-Duty LSG & LSG-X Snake Grips High-Quality Coated Rig Housing Canvas Canvas Repair, Maintenance & Storage.

### Some of Lewis products

Lewis Mfg. Derrick Belts are made of light weight but Heavy-Duty High-Visibility yellow nylon which are drop tested and steel fittings are proof load tested from 2,000 to 5,000 lbs. by independent testing laboratories to check the webbing and construction. Certified results prove that they meet the most exacting specifications of safety engineers.

Lewis safety belts and tail ropes can be ordered with Stainless Steel reinforcement for corrosive environment like offshore drilling. Special waist sizes on all Lewis safety belts available upon request.

The Lewis HCB-B harness is a fall arrest harness boatswain's riding belt with a built-in Seat Board providing comfort for extended periods of time. Lewis manufactures Oilfield Climbing belt which can be used with counterweight and pulley for climbing derricks. Meets or exceeds ANSI 10.14 (1991)

The Lewis Snake Grip expands or contracts to grip different or identical cable and/or rope sizes as per the customer's needs. Save time stringing up, changing and unstringing because the snake requires no special tools. The swivel and swing link go smoothly through blocks and prevent line twisting. Install new cable by using old existing cable as pulling line. Always seize the ends of the grips by banding and taping.

The LSG-X series performs the same function as the standard LSG series. The LSG-X cannot be taken apart in the middle, it is permanently attached via the new "Swivel Tube" Assembly. This swivel tube assembly is a low profile heavy-duty friction swivel. This snake is for the customer who does not need to separate the two pulling grip elements and who prefers a very low profile swivel. The swivel is permanently greased and has the size range and working load clearly stenciled on the swivel tube assembly.



Monkey Board Belt



Steel Tail Rope



Fall Arrest Harness HCB-FAH-3Y-WT



Type LSG Snake Wire



Type LSG-X Snake Wire

## INDUSTRIAL HAND TOOLS



Derrick Chrome Clad®  
Tape Measure



Oil Gauging Tape Measure  
Atlas® Chrome Clad®/  
Nubian® Double Duty



Plumb Bob, Solid Brass,  
Metric and English



Hi-Viz Power Return  
Engineering Tape



Engineer's Measuring Tape

### DERRICK CHROME CLAD® TAPE MEASURE - C2276ME

- Nominal Blade Thickness .019"
- Extra Large Winding Drum Provides Rapid Line Recovery
- Special Hook Ring with Ribbed Face at Zero
- Leather Thong is Provided to Use Through Eye at Rear
- 1/4" (6mm) X 164' (50M) Chrome Clad® Blade
- Blade Style: E2

### OIL GAUGING TAPE MEASURE ATLAS® CHROME CLAD® / NUBIAN® DOUBLE DUTY - CN1293SF590

- Recessed Beneath Multiple Layers of Nickel and Chrome Electroplating
- Provides Greater Resistance to Wear and Corrosion
- All Tapes Read Right to Left
- Heavy-Duty Frame Designed for Years of Rugged Use
- Plumb Bob Must Be Ordered Separately
- 1/2" X 50' with Black Markings Bonded to Steel
- Recommended Plumb Bob: 590, 590G
- Blade Style: D1

### PLUMB BOB, SOLID BRASS, METRIC AND ENGLISH - 590GME

- For Use in Heavy Oils
- Cylindrical Shaped
- Tapered Point Tip
- 20 oz. Solid Brass Bob; Graduated in Inches to 1/8ths, Reading Upward

### ENGINEER'S HI-VIZ® ORANGE TAPE MEASURE - PHV1312D

- Hi-Viz® Orange Case - Easy to Find on the Job
- Rubber Cushion Case Exterior Protects Tape From Impact and Improves Grip
- Toggle Lock is Positioned for Convenient Operation
- Cushioned Blade Return
- Removable Belt Clip
- Blade Style: A4

### ENGINEER'S TAPE MEASURE - P2312D

- Case Designed to Fit Perfectly in the Hand
- Lightweight, High Strength Chrome Finished Case
- Toggle Lock Positioned for Convenient Operation, Holds Blade Securely
- Cushioned Blade Return
- Removable Belt Clip

## WIRE PRODUCTS

### STAINLESS STEEL WIRE

Malin stainless steel wire is offered in annealed soft in both spools and coils.



Safety Wire -  
Stainless Steel

### BRASS WIRE

Brass wire is offered in a variety of sizes for making wire jewelry and craft projects. Malin brass wire is soft and ideal for wire wrapping and sculpting. Available in both spools and coils!



Safety Wire - Brass

### ALUMINUM WIRE

Malin aluminum wire is available in soft temper. Excellent craft wire! Available in both spools and coils.



Safety Wire - Aluminum

### PURE COPPER WIRE - SOFT BARE & SOFT TINNED

Malin pure copper wire is available in two varieties, soft bare and soft tinned. Available in both spools and coils!



Safety Wire - Copper

### BRUSH WIRE

Malin Company offers an extensive selection of brush wires including stainless, inconel, monel, nickel, carbon steel, copper and brass in a wide range of sizes, tempers, finishes, nylon coatings, shapes and crimping styles. Crimping offered includes gear crimping, pin crimping and straight hank.



Wire Brush

Ideal for use as:

Gear Crimping, Pin Crimping, Straight Hank, Stem Wire Winding Wire, Draw Wire, Staple Wire, Retaining Wire





Ever since the debut of the Original® glove at the 1991 Daytona 500, Mechanix Wear has built a reputation as the leader in high-performance hand protection. As a result of over twenty years of research, development, design and innovation, Mechanix Wear offers a diverse line of gloves delivering superior fit, feel and function to your hands. Our mission is to look beyond conventional ideas and continue to innovate the most advanced hand protection in the world.

**The Tool That Fits Like a Glove®**

Over 20 years later, millions of hard working hands in numerous industries have adopted Mechanix Wear® gloves. Mechanix's mission of maximizing individual safety and productivity has lead to the development of the highest quality work gloves delivering superior fit, feel and functionality to working hands all over the world. High performance materials, anatomical design, and superior build quality provide your hands with functional hand protection fit for daily use. Mechanix Wear gloves are designed to combat daily hazards and injuries ranging from harsh abrasions, cut and puncture wounds to broken bones, joint damage, vibration injuries, and even exposure to fire and intense heat. From concept to finished product, you can count on Mechanix Wear innovation to help you work faster, safer and cleaner with more power and control.

There is a lot of dedication and pride in everything which is done at Mechanix, and it all adds up to superior performing products for you. With each new market, the Mechanix Wear brand transcends its racing heritage and cements its place as the innovative leader of the high performance work glove revolution. OIL & GAS gloves FOR RIG SAFETY are designed to combat common injuries on the rig and enhance gripping power during drilling operations.



**ORIGINAL MG-02**

- Form-fitting TrekDry helps keep hands cool and comfortable.
- Flexible Thermal Plastic Rubber (TPR) closure provides a secure fit to the wrist.
- Industrial grade hook and loop.
- Seamless synthetic leather palm provides optimal dexterity.
- Machine washable.



Original MG-02

**ORIGINAL 0.5MM HIGH DEXTERITY HMG-05**

- Form-fitting TrekDry material helps keep hands cool and comfortable.
- Thermal Plastic Rubber (TPR) closure with hook and loop provides a secure fit.
- Reinforcement panels in high wear areas provide added durability.
- 0.5mm high-dexterity palm provides precision feel.
- Machine washable.



Original 0.5mm High Dexterity HMG-05

**ORIGINAL HIGH ABRASION MGP-08**

Improved Design. When you need sturdy, you need our redesigned Original Plus Glove. We started by improving traction with a raised pattern to maximize the thumb and finger grip. From there we added a two-way, form-fitting Spandex back and stretch insert panels between the fingers for comfort, and an index finger knuckle reinforcement band for protection. Finally we integrated an improved cuff and thumb fit to provide for easy entry and increased flexibility.



Original High Abrasion MGP-08

**M-PACT 2 MP2-05**

- 0.5mm synthetic leather side finger panels with breathable mesh inserts
- Extra-padded rubberized fingertip panels
- 2-ply synthetic leather palm with anatomically die-cut foam padded top
- High-density foam padded knuckle panels
- Impact-absorbing molded thermal plastic rubber (TPR) finger protection



M-Pact 2 MP2-05



Impact Cutter Model



Manual Cutter Model



Power Operated Cutter Model



Double Acting - Power Operated Cutter Model



Cutter Model S

**IMPACT CUTTER MODEL**

The original portable tools invented in 1928 by Morse-Starrett to cut wire rope. Actuated by striking with a hammer, they are easy to operate and will give a superior performance without hammering. They are precision-engineered to deliver a cut without affecting the original roundness of the wire rope. The blades and dies are made of the finest tool steel available, heat-treated and ground to close tolerances.

**MANUAL CUTTER MODEL**

These self-contained hydraulic cable cutters are precision-engineered tools designed to give a clean cut with minimum effort. Just pump the handle, no outside power is required. Able to be easily carried, these models are favorites of contractors, rigging lofts and elevator repairmen and are recommended by wire rope manufacturers worldwide. All three models will operate underwater.

**POWER OPERATED CUTTER MODEL**

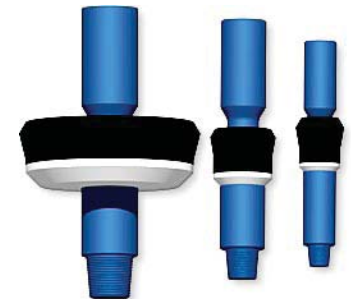
These models can be activated by an electric, gasoline, hand, battery or air operated hydraulic pump capable of developing 10,000 PSI and having free flow return through the pressure line. The pumps are then hose-connected to the hydrashear body. Available in three sizes and cutting capacities.

**DOUBLE ACTING - POWER OPERATED CUTTER MODEL**

A double-acting cylinder is powered in both directions for a faster and more positive return. Designed to operate at a maximum pressure of 10,000 PSI, both cutters are powered by an electrically driven hydraulic pump 3HP, 3 Phase dual voltage motor, 240/460, 60hz. These models are sold as a complete unit, including cutting head, base plate, cylinder, pump and hoses.

**CUTTER MODEL S**

Convenient to use at any angle and weighing less than 12lbs, the Model S can be activated by any electric, gasoline, hand, battery or air operated hydraulic pump capable of developing 10,000 PSI and having free flow return through the pressure line. The front blade can be adjusted to proper cutting clearance after sharpening, and the back blade is fixed.



Cup Tester



Inside Blowout Preventer



KV-1 Kelly Valve One Piece



Drill Stem Subs



Safety Valves

**CUP TESTER**

Packard International's F-type cup tester assemblies are designed to be attached to the drill string and lowered into the casing beneath the wellhead to pressure test the blowout preventer stack and the wellhead.

**INSIDE BLOWOUT PREVENTER**

Packard's Inside Blowout Preventer (IBOP) is used to provide shutoff of backflow during periods when the drill string is open. The valve is held with the dart in the open position to allow stabbing during backflow. After stabbing the flow is shut off by turning the release handle. The stab body is removed and the drill string can be reconnected to re-establish pressure stabilization. The valve can then be removed and returned to its ready state or it can be left in the drill string to ensure downward flow only.

**KV-1 KELLY VALVE ONE PIECE**

The KV-1, Packard International's innovative, one-piece kelly valve, is designed to provide a positive seal in the event of a kick and can be used as an upper kelly valve, lower kelly valve, safety valve, or mud saver.

**DRILL STEM SUBS**

Packard International rotary subs are designed and manufactured according to their application. These applications include (but are not limited to) connection crossover subs, saver subs, side entry subs, pump-in subs, circulating subs, lifting subs, impression blocks, reduced section subs, bit subs, swivel subs, etc.

**SAFETY VALVES**

Packard safety valves are designed to either stab into the drill pipe or tubing at the rig floor or are used as part of the drill string to shut off a well kick. Use of these valves in the drill string enhances rig safety.





QUALITY THAT DOESN'T QUIT



Fluid Pumps



Impact Wrenches



Pressure Gauges



Rig Hardware

OTECO, Inc. has been a leading manufacturer of high quality oilfield equipment and accessories since 1948. Oteco's product offering is extensive, including : Gate Valves, Relief Valves, Pressure Gauges, Fluid End Consumables, Replacement Rubber Products, Rig Hardware of all kinds, and other products such as OTECO Connector and custom made rig Shock Pads.

Every OTECO product is manufactured to exacting standards for long lasting performance under tough oilfield conditions. When you specify OTECO products, you purchase quality with time proven experience.

OTECO offers a full line of quality fluid end pump parts for all popular mud pumps to suit any drilling condition. Our Fluid End Parts are manufactured to exacting standards that meet or exceed original equipment specifications and API standards.

OTECO offers a complete line of forged steel impact box wrenches. Our size offering covers rig applications from 1-1/16 in. Nut/ 5-8 in. Stud to 3-7/8 in. Nut/2-1/2 in. Stud.

OTECO offers a superior line of Pressure Gauges which are available in a wide range of pressure ratings , variety of units including PSI, kPA, & Bar, variety of service ratings with luminous & non-luminous dial faces and are ABS certified.

OTECO offers an extensive line of Rig Hardware and Related Products used in everyday oilfield drilling, testing, and production operations which includes Rig tools like chain connectors & wrenches, Manifold fittings, Oil & mud guards, Washpipe & packing, Wireline equipment.



OILFIELD EQUIPMENT

### GATE VALVE

Model 72 Overview: The Model 72 gate valve is designed for oilfield service as well as maximum flexibility and reliability. Whether used in your mud system, floor and standpipe manifold, or flow line application, the Model 72 is field proven for easy operation, tight shut-offs, long life, and simple, fast, low-cost field renewal. Manufactured at The Houston facility, each Model 72 is rigorously tested prior to shipment from the factory.

### RELIEF VALVES

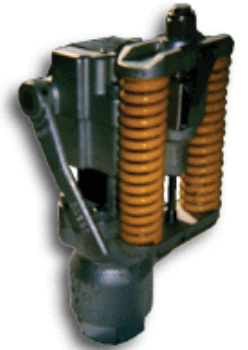
Model RR Manual Reset Relief Valve Overview: The OTECO model RR manual reset relief valve protects slush pumps and mud manifolds while guaranteeing greater safety in operation. The Model RR relief valve automatically snaps to a full open position when the predetermined pressure is exceeded or can be manually opened by simply pressing the manual release button. The position of the release button indicates at a glance whether the valve is open or closed. The model RR is designed with a pressure setting indicator (available in metric units) which can be adjusted to any setting within the operating range by simply turning a nut on the top of the valve.

### MANIFOLD FITTINGS

OTECO manufactures ten different styles of manifold fittings in 2 inch, 3 inch, 4 inch, and 5 inch with working pressures ranging from 3,000 psi to 5,000 psi with test pressures up to 10,000 psi. Each fitting can be supplied with either line pipe threads, or Schedule XX or 160 butt weld end connections. Special connections are available upon request. All fittings are hydrostatically tested prior to shipment and full certification can be supplied upon request



Gate Valve



Relief Valves



Manifold Fittings

LIGHT & TOUGH HIGH QUALITY RIGGER BOOTS FOR TOTAL COMFORT



Taormina 19261 19LA



T-Light 19261 05LA



Combat 27254 02LA



SAHARA 32305 02LA



Vieste 19260 19LA

In 1982 the founder Rocco Cilenti together with 2 partners created Panther, which in a decade became leader in the production of sports footwear in the National and International market, where it continues to stand out for the excellence of quality material and innovative technologies. At the end of the 90s a new line of injected safety shoes was launched. The excellent design, outstanding reliability and unbeatable comfort have always been the key feature of our products and a team of dynamic, highly qualified staff guarantees the highest standards of efficiency, in accordance with current European standards ISO 9001.

Between 2005 and 2010 the brand Panther was replaced by Aboutblu which later also became the company name. The experience gained in these 30 years and with more than 100 million pairs of shoes sold, proves that our company is solid, reliable, in step with time and today, more than 30 years after its foundation, we have decided to restore the original name "Panther" and resume the path so successfully begun by my father. We are proud to let people feel and touch the "Made in Italy" of our collections worldwide"



LIGHT & TOUGH HIGH QUALITY RIGGER BOOTS FOR TOTAL COMFORT

**COMBAT**

Upper : Full grain nubuk , water-repellent  
 Lining : PLASMAFEEL  
 Insole : Thermoformed, removable, antibacterial, absorbent FUSSTATIC  
 Sole : PU/Dual density  
 Toe cap : POWER CAP Compo (200J)  
 Midsole : Composite TEXON Enigma Zero HT2  
 Size : 38-48, Weight (size 42): 680g



Combat 27254 02LA

**TAORMINA**

Upper : Grain leather - water-repellent  
 Lining : PLASMAFEEL  
 Insole : PERFORMANCE, removable, antibacterial, absorbent FUSSTATIC  
 Sole : PU/Dual density  
 Toe cap : POWER CAP Compo (200J)  
 Midsole : Composite TEXON Enigma Zero HT2  
 Size : 36-48, Weight (size 42): 500g



Taormina 19261 19LA

**T-LIGHT**

Upper : Grain leather - water-repellent  
 Lining : PLASMAFEEL  
 Insole : Thermoformed, removable, antibacterial, absorbent FUSSTATIC  
 Sole : PU/Dual density  
 Toe cap : POWER CAP Compo (200J)  
 Midsole : Composite TEXON Enigma Zero HT2  
 Size : 35-48, Weight (size 42): 510g



T-Light 19261 05LA

**VERONA**

Upper : Water-repellent leather  
 Lining : PLASMAFEEL  
 Insole : Removable, antibacterial, absorbent FUSSTATIC  
 Sole : PU/Dual density  
 Toe cap : POWER CAP Compo (200J)  
 Midsole : Composite TEXON Enigma Zero HT2  
 Size : 38-48 , Weight (size 42): 680g



Verona 27051 32LA

**VIESTE**

Upper : Grain leather - water-repellent  
 Lining : PLASMAFEEL  
 Insole : PERFORMANCE, removable, antibacterial, absorbent FUSSTATIC  
 Sole : PU/Dual density  
 Toe cap : POWER CAP Compo (200J)  
 Midsole : Composite TEXON Enigma Zero HT2  
 Size : 36-48, Weight (size 42): 540g



Vieste 19260 19LA



## RANGER

25042 00LA S3 UNI EN ISO 20345:2012



**Tomaia:** Pelle fiore - idrorepellente  
**Fodera:** Pelle fiore  
**Soletta:** Termoformata, FUSSTATIC estraibile, antibatterica, assorbente  
**Suola:** PU/Bidensità  
**Puntale:** Acciaio (200J)  
**Lamina:** Acciaio  
**Misure:** 36-48  
**Peso (taglia 42):** 790g

**Upper:** Full grain leather water-repellent  
**Lining:** Grain leather  
**Insole:** Thermoformed, removable, antibacterial, absorbent FUSSTATIC  
**Sole:** PU/Dual density  
**Toe cap:** Steel (200J)  
**Midsole:** Steel  
**Size:** 36-48  
**Weight (size 42):** 790g

**Tige:** Cuir fleur - hydrofuge  
**Doublure:** Cuir fleur  
**Première de propreté:** Thermoformée en FUSSTATIC amovible antibactérienne, absorbante  
**Semelle:** PU/Bi-densité  
**Embout:** Acier (200J)  
**Semelle antiperforation:** Acier  
**Pointures:** 36-48  
**Poids (taille 42):** 790g

**Obermaterial:** Vollrindleder Wasserabweisend  
**Futter:** Vollrindleder  
**Innensohle:** Thermogeformt, FUSSTATIC, herausnehmbar, antibakteriell, saugfähig  
**Sohle:** Zweisichtiges PU  
**Zehenkappe:** Stahl (200J)  
**Zwischensohle:** Stahl  
**Größen:** 36-48  
**Gewicht (Größe 42):** 790g

## SAHARA

32305 02LA

## FIRST MULTI STANDARD RIGGER



HIGH PERFORMANCE SOLE PU/RUBBER ICE GRIP



**Tomaia:** Pelle pieno fiore ingrassata idrorepellente con cuciture in KEVLAR  
**Fodera:** PLASMAFEEL  
**Soletta:** Termoformata FUSSTATIC, estraibile, antibatterica, assorbente  
**Suola:** PU/GOMMA  
**Puntale:** POWER CAP Compo (200J)  
**Lamina:** Composito TEXON Enigma Zero HT2  
**Misure:** 38-48  
**Peso:** (taglia 42) 800g

**Upper:** Full Grain waxed leather with KEVLAR stitching  
**Lining:** PLASMAFEEL  
**Insole:** Thermoformed, FUSSTATIC, removable, antibacterial, absorbent  
**Sole:** PU/RUBBER  
**Toe cap:** POWER CAP Compo (200J)  
**Midsole:** Composite TEXON Enigma Zero HT2  
**Size:** 38-48  
**Weight:** (size 42) 800g

**Tige:** Cuir ciré hydrofuge avec coutures en KEVLAR  
**Doublure:** PLASMAFEEL  
**Première de propreté:** Thermoformée en FUSSTATIC amovible antibactérienne, absorbante  
**Semelle:** PU/CAOUTCHOUC Compo (200J)  
**Semelle antiperforation:** Composite TEXON Enigma Zero HT2  
**Pointures:** 38-48  
**Poids:** (taille 42) 800g

**Obermaterial:** Gewachstes rindleder Nähte mit KEVLAR  
**Futter:** PLASMAFEEL  
**Innensohle:** Thermogeformt, FUSSTATIC, herausnehmbar, antibakteriell, saugfähig  
**Laufsohle:** PU/RUBBER  
**Zehenkappe:** POWER CAP Compo (200J)  
**Zwischensohle:** Composite TEXON Enigma Zero HT2  
**Größen:** 38-48  
**Gewicht:** (grosse 42) 800g



## Professional working at height hand tool solutions

### SPECIFICATION AND DESIGN

Secure Tools focus on cost saving without compromising safety standards. Our design team work in conjunction with the client, to include only the tools that are required for the tasks undertaken at height reducing the unnecessary tools in the kit.

### STORAGE AND CONTROL SYSTEMS

The tool kits are supplied with tool control foam, to enable the operator and supervisor to easily and quickly identify any missing tools, by identifying the most recent user from your tool control log the tools can be located preventing foreign object damage (FOD) and any potential safety incident occurring. Tool control systems reduce downtime and inventory replacement cost.

### UNIQUE IDENTIFICATION AND PERSONALISATION

Every tool which enters the facility is referenced with a batch number and prior to dispatch is identified with a permanent unique serial number which remains in our database. This process allows for a complete track and trace program. We can personalise the tools with your company's logo, name or asset number to aid inventory control.



### ACCESSORY GUIDANCE

Our range of lanyards and bags are designed for ease of use and manufactured to prevent a correctly attached lanyard being attached to a tool that is too heavy.

### TOOL WEIGHTS

- Small hand tools up to 0.5kg can be used on wrist straps. Wrist straps must not be used near moving or rotating equipment.
- Tools up to 2.5kg can be attached to the worker via a belt, harness or bag
- Tools over 2.5kg must be attached to a suitable point on the structure, ideally overhead to reduce the distance a tool can fall before the lanyards stops the tool.

### LANYARDS

- Lightweight Kevlar coils are designed to be used with tools up to 2.5kg, these are available in various lengths to accommodate different tasks. The lightweight Kevlar coils will not stretch beyond their stated length, they reduce user fatigue and always return to their original shape and length. If these coils are over loaded then the inner core becomes visible indicating replacement is necessary.
- Web lanyards can be used on all the standard hand tools up to 10Kg supplied by secure tools, heavier tools will use a wire lanyard, these are supplied in different lengths and strengths.

### INDESTRUCTIBLE HANDLE HAMMERS

Our hammers are constructed with indestructible handles and are designed so the head will not come off the shaft. When pull tested to over 3000kg the hammer head remains attached. The range of sledge hammers are supplied with short shafts to assist with working in restrictive conditions.





JACKING AND DOPE GREASES

SAFETY FROM HEAD TO TOE



TS-210

**T. S. Moly-Lubricants, Inc.**

T.S. Moly-Lubricants, Inc. was formed in 1967 by Tom Salling in Houston, Texas, where it is still located today. "TS Moly" has specialized in moly lubricants since then, mainly greases and anti-seizes. Although T.S. Moly product line consists mainly of lubricants with moly. We do offer products that are designed for applications for which moly is inappropriate.

**TS-210 SEASAFE LEG DOPE AND CABLE LUBE**

TS-210 SeaSafe(TM) Leg Dope and Cable Lube is an EP open gear grease (NLGI 2-1/2) that has passed protocols (modified) of the US EPA for use in environmentally-sensitive waters, such as the Gulf of Mexico. It has excellent extreme pressure performance. TS-210 is environmentally and hygienically safe, but not biodegradable.



TS-90

**TS-90 MOLY GEAR CONCENTRATE**

TS-90 Moly Gear Concentrate is an additive for all types of gear oils to lower friction and improve the film-forming capabilities of the oil. (Mix 1:10). When added to finished oil, it coats all surfaces with a tough, slippery film. The polymers help the oil to withstand higher loads than normal. Friction is reduced, allowing moving surfaces to operate smoother and quieter under varying load conditions. Lower friction reduces operating temperatures.



TS-70

**TS-70 MOLY PASTE WITH 70% MOS<sub>2</sub>**

TS-70 Moly Paste is a thread compound with 70% molybdenum disulfide, NLGI No.2, especially suitable for wet or corrosive conditions, including subsea applications. It has highly consistent torque values for makeup and breakout.



TS-74

**TS-74 STAINLESS ANTISEIZE**

TS-74 Stainless Antiseize is a thread compound and lubricating grease that eliminates wear and galling on stainless steel and other exotic metals. TS-74 Stainless Antiseize is a new thread lubricant designed for stainless, titanium, and other gall-prone threaded connections. It is highly recommended where water washout is a concern, and in sub-sea applications, it is unaffected by marine micro-organisms

**S3200X**

- Three position ratchet lens inclination adjusts to complete the fitting system and provides unsurpassed extended wear comfort
- A unique ventilation channel between the frame and lens vents the eye socket area to deliver an outstanding level of moisture and fog control



S3200X

**S3201X**

- Three position ratchet lens inclination adjusts to complete the fitting system and provides unsurpassed extended wear comfort
- A unique ventilation channel between the frame and lens vents the eye socket area to deliver an outstanding level of moisture and fog control



S3201X

**UVE9301-625**

- Uvex 9301-105 Ultravision Safety Goggles
- Anti mist coating
- Anti scratch coating
- Indirect ventilation
- Comfortable headband
- Compatible with respirators



UVE9301-625

**S462**

Uvex Clear Lens Cleaning Tissues Specifically formulated for anti-fog and scratch-resistant hardcoats and do not contain silicone. Non abrasive tissues 500 per box



S462

**S463 CLEAR SOLUTION**

Specifically formulated for anti-fog and scratch resistant hardcoats. Uvex clear does not contain silicon. Unit Sold is in measure of 1 Bottle. Dimensions: Overall Product Weight: 1.16 Pounds.



S463



AOS offers a full line high-quality inexpensive drilling hoses, including Blowout Preventers (BOPs), Slim hole rotary hoses, Grade D rotary hoses, Grade E rotary hoses, Vibrator hoses, Cementing hoses and more.

AOS offers a full line of high-quality offshore petroleum hoses and bulk fluid transfer hoses, including Brine Hose, Barite Hose, Bulk Diesel Hose, Mud Base Oil Hose, Offshore Mud Hose, Concrete Hose, Potable Water Hose, Jumper Hose, Mud Booster Line Hose, Rotary Drilling Hose, Subsea Hose, Well Test Hose, Topside Hose, Mud Vibrator Hose, Production Test Hose, Low Pressure Mud Hose, Bulk Material Hose, Nitrogen Hose, Chemical Hose, Utility Water Hose, Seawater Hose, Hot Water/Steam Hose and more.

AOS offers a full line of high-quality inexpensive hose related products, including Hammer Unions, Air-o-seal Unions, Mud Tank Unions, Cam Locks, Swivels, Flanges, Pup Joints, Ring Joints, Hose Loops, Integral Fittings, Crossovers, Changeovers, Bull Plugs, Union Blanks, Weco-style Products, Chiksan-style Products, Safety Restraints, Whip Checks, Safety Clamps and Chains, Lifters and more.

**WIRE ROPES & SLINGS**

AOS maintains a large stock of wire rope for various applications. Our high quality wire ropes are sourced from Europe, Korea, India and UAE. All ropes conform to the relevant International and Local norms and are supplied with Mill Test Certificates and identification tags.

AOS can fabricate wire rope slings up to 4inch diameter with Steel (Flemish) and Aluminium sleeve terminations. Slings manufactured to EN 13414-1 and are supplied with unique identification numbers with individual certificates.

AOS supplies large variety of custom made Polyester Flat webbing slings and Endless round slings.

We specialize in logistical equipment for the industry. Our company sells and rents baskets, specialized cargo containers, and container conversions.

**OFFSHORE CONTAINERS**

Offshore Storage Containers are primarily used in the Oil & Gas industry, due to their ability to withstand the harsh environment and handling of the offshore industry.

On-Site Storage: The On-Site Storage division specializes in offering 20' and 40' shipping containers for domestic, commercial, or industrial storage.

**OFFICE CONTAINERS**

The Office Containers are available and are commonly used in construction sites, industrial sites, and warehouse offices.

**CONTAINER SALES**

Our Container Sales division includes all standard sizes and a large selection of specialized units.

**COMMERCIAL LIVING QUARTER SALES**

We can provide custom built manufactured housing for your crew and staff. Our broad knowledge of the manufactured housing industry has allowed us to build the most durable and long-lasting units in the market.







A complete line of high-tech sorbent products for every situation made from high-performance polypropylene sorbent products for industrial maintenance and spill cleanup. We also market a wide variety of complementary spill control products to help workers establish and maintain clean and safe industrial workplace environments.

To help maintain a cleaner and safer workplace environment, AOS delivers a complete line of high-tech sorbents for almost every leak and spill application. We have more than 350 sorbents to choose from, including mats, pads, rolls, socks, pillows, pans, drum top pads, booms and spill kits. In addition to our sorbent line, we offer a wide variety of spill containment products including pallets, decks, blockers, and funnels.

For effective emergency response to spills on site and on water, we offer a range of different spill kits for the containment and clean up of oil, chemical and general liquid spills. Our range of standard spill kits can absorb anything from 20 litres up to 1,200 litres of liquids and are suitable for most offshore applications.

AOS offers a broad range of spill containment pallets to meet almost any drum containment requirement. We have spill pallets for 1, 2, 3, or 4 drums. All of our pallets are built to last and made with 100% polyethylene to provide excellent chemical compatibility. We also have Economy spill pallet to stay within budget. We also offer pallets in Low profile and FPR superior weight capacity.

**RIG WASH**

Highly concentrated, heavy duty cleaner/degreaser formulated for oilfield and industrial use. This product cleans grease, oily dirt, and thick grime build up from heavy equipment, machinery, tools, concrete floors and metal surfaces.

**Applications:**

Drilling rigs and associated equipment, Work-over rigs and associated equipment, Coil tubing units, Pump units, ire line units Jack pumps and the pump pad, PC pumps, ESP pumps and Cranes.

**NALCOOL 2000**

It functions as a protective film-forming corrosion inhibitor and scale suppressant to keep engines clean and free from scale, reduces downtime and maintenance costs.

It is a water treatment chemical - conventional coolant concentrate. Protects your cooling system against corrosion cavitation erosion, mineral scale deposits and electrolysis. Designed to protect cast iron diesel engine cooling systems. Contains additives to protect against sludge and mineral scale formation. Prevents overheating. Effective against liner pitting and cavitation erosion. Not harmful to radiator or heater connecting hoses, diesel liner seals and 'o' rings.

**ROCOL - WIRE ROPE DRESSING**

High Performance Semi-Fluid Wire Rope Dressing, Excellent internal and external lubrication, Protects against wear on guides and sheaves, Outstanding internal and external corrosion protection, Suitable for all non-friction drive wire ropes, Resistant to sea water.

**AQUA 100P - AQUA CHEM**

AQUA 100P is a powder scale remover designed for use in the chemical cleaning of evaporators, boilers, cooling towers, heat exchangers, tanks and pipes, which are commonly fouled by hard water scales, grease, tarts and other impurities.

It contains corrosion inhibitor which provides corrosion protection even after the cleaning, unlike other acid cleaning chemicals which may increase corrosion rate after cleaning. Moreover, it contains pH indicator which facilitate monitoring of cleaning progress.



Rig Wash



Nalcool 2000



Rocol Wire Rope Dressing



Aqua 100P - Aqua Chem

## arabian ocean aos

specializing in procurements for the oil & gas industry

**bpe** BILLY PUGH Co., Inc. Excellence in offshore personnel safety, X-904 Personnel Transfer Basket and X-871 Transfer Nets.

**bp** **Castrol** Lubricants for Oil & Gas and Offshore Industry.

**Lufkin** Industrial Measuring Tapes/Derrick Tapes.

**aos** "Your leading partner of choice and preferred supplier"

**DBI SALA** Fall Protection Solutions .

**MORSE STARRETT** Impact Wire Rope Cutters.

**HYDRASHEAR** Wire Rope Cutters.

**BESTOLIFE** The trusted leader in Thread Compounds.

**AMS** Anti Slip Matting Solution for Rig Floor & Rotary Table.

**Thomas & Betts** Wire and Cable Management System.

## arabian ocean aos

specializing in procurements for the oil & gas industry

**CONTINENTAL** High quality performance Shaker Screens for all OEM Standards.

**ERICSON** Electrical Plugs, Connectors, Temporary Power Distribution, Tufftrax Cable Protectors.

**FABENCO** Adjustable self-closing industrial Safety Gates for Platforms, Catwalks and Stairs.

**MALIN** SS Safety Lock Wires.

**CAMERON DEMCO** Butterfly valves, Gate Valves & Spare Parts.

**uvex** Safety Glasses for the Offshore Industry.

**Pantber** Foot Protection designed for the Oil & Gas Industry.

**aos** "Your leading partner of choice and preferred supplier"

**STIEFF** Hand Saver Tools.

**Packard INTERNATIONAL** Kelly Valves, Safety Valves, IBOP.

**Canepa & Campi** Life-jackets, life rafts, sail products, and all kinds of sea rescue and life-saving equipments.

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specializing in procurements for the oil & gas industry

**Pantber** **ABOUTBLU** Foot Protection designed for the Oil & Gas Industry.

**MORSE** The specialist in drum handling equipment.

**Hayco** Safety Coveralls.

**Magnolia Brush** Dope Brush / Fender Brush.

**aos** Garbage Compactor / Compactor Bags.

**HOWARD LEIGHT** Ear Plugs Max-1-D, Dispenser LS-500.

**GEARENCI** Chain Tongs, Cathead & Spinning Chain.

**clarion** Green lubricants for the Oil & Gas Industry.

**aos** "Your leading partner of choice and preferred supplier"

**MATHEY DEARMAN** Pipe Cutting, Beveling & Alignment Machines.

**OFITE** Mud Lab Equipment.

## arabian ocean aos

specializing in procurements for the oil & gas industry

**Lewis** Snake Grips & Derrick Harness.

**oTECO** Gate Valves, Relief Valves, Mud Bucket, Pipe Wipers, BOP Wrench, Balancing Straps.

**INDUSTRIAL LUBRICANTS** Jacking & Skidding Grease, Special Additives.

**KONG** Impact Protection Gloves designed by Oil & Gas Industry Experts.

**aos** "Your leading partner of choice and preferred supplier"

**International Standard Valve Inc.** Manufacturer of Ball, Gate, Globe and Check Valves, specially designed for the Oil & Gas and Offshore Industry.

**LINCOLN INDUSTRIAL** Heavy Duty Grease Guns & Accessories.

**KLEIN TOOLS** Leading manufacturer of Hand Tools.

**CARGO STORE** Offshore Close/ Open Top Cargo Store - Rental Container 10' & 20'

**ORS-NASCO** Pure Whole Sale - Pure Value

**BEMO RAIL** Crane Tracks, Rail Tracks, Industry Tracks, Track Terminals and Rail Systems.



# Supplying rig parts globally



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