



SAAB

ENERGY SOLUTIONS

www.saabtec.com



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KSA • UAE • OMAN • BAHRAIN • QATAR • KUWAIT • USA

ABOUT US

SAAB, a premier business entity in the Middle East, specializing in the provision of Industrial Products & Services across diverse sectors including Oil & Gas, Petro-chemical, Food & Beverage, Power-Gen, Primary Steel, Automotive, Marine & Shipping, and General Industries. With a commitment to excellence and certified by ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018, SAAB stands as a trusted partner in delivering top-notch solutions to its clients.

WHY CHOOSE US ?



Global Presence

We have offices in KSA, UAE, Oman, Bahran, Qatar, Kuwait and an office in the USA which extends the reach to our customers and suppliers alike.



API Certification

Our facility is certified by the American Petroleum Institute and has been awarded the API Q1 and API 7K certificates which allows us to manufacture, test and qualify Rotary, Vibrator & Cementing hose assemblies and mark the same with the API Monogram. This is a testament of our commitment to quality products and services.



Authorised Distributorship

We are the authorized distributor of more than 14 recognised brands and products like Continental, Danfoss, Stucchi, Ansell, HiP, Balon, etc., from across the world which makes us a one stop shop for almost all your requirements.



Large Facility

Our 80,000 Sq ft facility in Dammam houses our offices, warehouses and workshops all under one roof. This gives us proper control and coordination over our daily operations. Our workshop has the capability to crimp hoses from 3/16" up to 12" hoses of all types.



Large stock of products

We understand the critical needs of our customers and have invested heavily to always keep healthy level of stock of materials in our warehouse.

OUR MISSION

To deliver exceptional value through innovation, product excellence and strong partnerships while ensuring highest standard of service, integrity and environmental responsibility at a fair price.

OUR VISION

To Foster lasting partnerships and drive growth through unmatched quality, adaptability and a commitment to exceeding our client's expectations while continuously expanding our product range and market reach.

More than 25 years in the Middle East market for supply of Industrial products and services in the field of Oil & Gas, Petrochemical, Food & Beverages, Power Generation, Iron & Steel, Marine and Shipping and Manufacturing sectors.



Our History



API Spec . 7K Cementing Mud Rotary & Vibrator Hose

When looking for specifications related to a 7k cementing hose, it's important to refer to API (American Petroleum Institute) standards and specifications that apply to hoses used in oil and gas operations, particularly for cementing applications.

API Specification 7K outlines the requirements for mud rotary and vibrator hoses used in drilling operations in the oil and gas industry. These hoses are designed to handle high pressures, typically rated up to 7,500 psi or more, and are constructed with a durable inner liner, reinforced with multiple layers of steel wire for strength..



Continental Hoses

- Hydraulic Hoses
- Industrial Hoses
- Bop Hoses
- Rig Supply Hoses
- Equipment & Accessories



Industrial Hoses

- More Flexible: Easier to move in and out of tight spaces and around corners.
- Lighter Weight: Easier to lift and carry, resulting in fewer workplace injuries.
- Lower Force to Bend: Easier to connect and disconnect for increased productivity
- Improved Flex Performance: More durable and longer lasting



Rig & Marine Hoses

- High Strength combined with flexibility
- Unique patented second lining
- Excellent fatigue resistance

Equipment & Accessories

BOP Hose



Continental Prospector BOP 5000 BOP control line hoses with 5000 psi pressure rating Available in standard sizes from 1/2" to 2"



Test Benches



Crimping Machine



Skiving Machine



HOSE AND FITTINGS BY DANFOSS

Industrial hoses from Danfoss provide fluid conveyance solutions for a wide variety of applications including utility hoses for water, air and steam, hard wall suction hoses for fluids & bulk materials, Chemical hoses, oil & fuel hoses, etc.

High Pressure Air Hose



High Performance Steam Hose



Water Hose



Chemical Hose



Dry Bulk Hose



General & Multipurpose Hose



RIG SUPPLY HOSES INCLUDING BOP HOSES, OIL & PETROLEUM HOSES ETC.

EC556 BOP Control Line Hoses.



Oil & Fuel Hose



Danfoss Hydraulic Hoses in Aeroquip and Winner series hoses to satisfy all kinds of hydraulic power requirements. Ranging up to 2 inch diameter and 6000 psi pressure rating, Danfoss Hydraulic hoses provide safe and leak-proof hydraulic solutions.

AEROQUIP HOSES



WINNER HOSES



SAAB Energy Solutions provides Danfoss products, offering a comprehensive selection of reliable hoses, fittings, and assemblies tailored to meet a variety of requirements, including pressure, temperature, and abrasion resistance. Discover the ideal solution for your hydraulic system today!

INDUSTRIAL HOSES



Hydraulic Hose and Fittings



Engine and A/C Hose & Fittings



Thermoplastic Hose & Fittings



Industrial Hose & Fittings



Danfoss Hansen® quick disconnect couplings

Adapters



Aeroquip® by Danfoss performance fittings and adapters



Crimp fittings



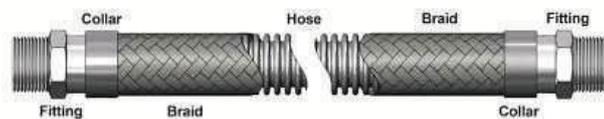
SAAB also offers corrugated flexible stainless-steel hoses from 6mm (1/4') to up to 300 mm (12') with standard pitch, open-pitch and close-pitch. These hoses are a flexible and quick option for rigid piping in difficult locations. They have a longer life and come with excellent corrosion characteristics.

Advantages of Corrugated Stainless Steel Flexible Hoses

- Suitable for wide temperature ranges (-270°C to 700°C),
- have a high physical strength.
- Fire & moisture resistant
- Compensates for thermal expansion-contraction in the piping system.

Industries and Application Areas

- Refineries
- Steel Plant
- Paper Plant
- Fertilizer
- Pharmaceuticals Industries.
- Lubrication System
- Steam
- Hot Water
- Pneumatic Services
- Vacuum System
- Railways
- Ports & Shipyards
- Cryogenic Service
- Air-conditioning & Refrigeration.





Stucchi®



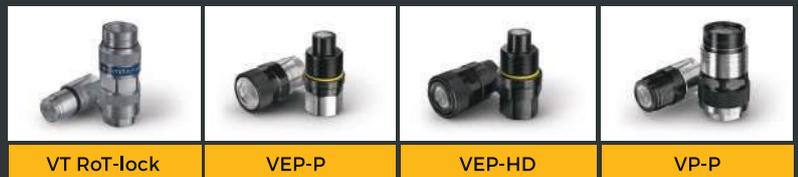
QUICK COUPLINGS FOR HYDRAULIC APPLICATIONS A CONSTANT FLOW OF SOLUTION

- Stucchi quick couplings conform to several international standards and can be easily interchanged with any coupling following the same international standards.
- Stucchi understands the market and provides various solutions for all types of applications. They provide different valve styles like flat faced, poppet and ball type and connections styles like push type, screw type, etc. And also provides BOP hose couplings are fire tested and Lloyd certified in accordance with API 16D.
- Their products are available in Carbon Steel, Stainless Steel, Aluminum and Brass. Size of couplings vary from 1/8 in. to 2 in. providing operating pressure from 10 Bar up to 700 Bar. Stucchi also provides multi-couplings with up to 10 ports for hydraulic applications.
- Stucchi couplings are used in all types of applications and industries including Heavy machinery, oil & Gas, Automotive, Agriculture, Hydraulic systems, HVAC, chemical & food industries, etc.

FLAT FACE



FLAT FACE SCREW



POPPET SCREW



POPPET



Stucchi's multicoupling solutions offer the ideal answer when multiple hydraulic lines must be connected and disconnected within a circuit. They enable a seamless connection between components without requiring tools. The multicoupling system includes two plates—one mobile and one fixed—where one accommodates all male and the other all female couplings. With innovative mechanical systems (lever or cam), operators can connect or disconnect up to 10 hydraulic lines simultaneously with a single, efficient movement.



DDC

Dry Disconnect Couplings

The given choice for handling any liquid, chemicals, gas.



DGC

Dry Gas Couplings

Used for loading and unloading of liquefied petroleum gas LPG and various other gaseous media.



DCC

Dry Cryogenic Couplings

Designed for use of cryogenic applications/medias such as LNG and Nitrogen and other liquefied gases.



SBC

Safety Breakaway Couplings

Used to prevent pull away accidents, protect terminal and loading/unloading equipment and eliminated unwanted product release.



CBC

Cryogenic Breakaway Couplings

Used to avoid spillage and damage associated with drive and/or pull away incidents when loading and unloading cryogenic liquefied gases.



SJ

Swivel Joints

Used in the industry wherever a rotating pipe or hose connection between two equipment parts is needed.

AREAS OF USE



Aviation



Chemical Industry



Container



Gas (LPG)



LNG solutions



LNG/Cryogenic



Marine/Offshore



Military



Petroleum



Rail Tankers



BALON VALVES

Balon Valves is a well-known manufacturer of valves and related products, particularly in the oil and gas, chemical, and industrial markets, NACE approved valves available for Sour Gas application, and range of sizes of valves available

BALON



Carbon Steel



Ductile Iron



Aluminum Bronze



Stainless Steel

FLOATING BALL VALVES

- Size available from ¼ in. to 10 in. and upto 12 inches for trunnion ball vales.
- Provides Threaded, flanged and welded connections.
- ANSI Class 150, Class 300, Class 600 and Class 900
- Working pressure ranges from 150 psi to 5000 psi

TRUNNION BALL VALVES



Series D



Series C



Wafer Check Valves

SWING CHECK VALVES

- Available in Carbon steel, ductile iron, Aluminium, Bronze
- Threaded / Grooved / Flanged End Connections
- Up to 2500 psi working pressure
- Size available from 1" to 6"
- ANSI Class 150, Class 300 and Class 600



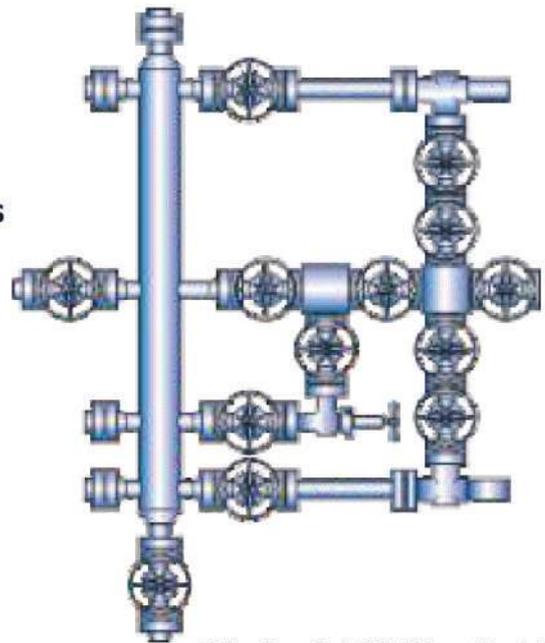
NEEDLE VALVES

- Available in Carbon Steel and Stainless Steel
- Threaded body Construction
- Upto 200 Deg Celsius working temperature
- 6000 psi and 10,000 psi working pressure.

American Completion Tools



- Gate Valves, Choke Valves, Check Valves, Plug Valves
- Chicksan Package – Supply & Recertifications
- Hammer Unions
- Hammer Seal Unions
- Flanges, Integral & Buttweld Fittings
- Choke & Kill Manifold, Standpipe Manifold



Choke & Kill Manifold

- Testing & Recertification of flowline products from American Completion Tools.
- Testing & Service for products like

- | | |
|---|----------------|
| • Plug valve
(*Top entry & Bottom Entry style) | • 4-way cross |
| • Check Valve | • Swivel Joint |
| • Chicksan loop | • Crossover |
| • Tee | • Pup Joint |
| | • Elbow |

• Services Available

- | | |
|-----------------|---|
| • Pressure test | • Blasting & Painting |
| • NDT | • Replacement of full service kits on level 2 |

EXPERTS IN DRILL FLOOR MATS & ANTI-SLIP SAFETY SOLUTION



Real Safety products focus on preventing trip, slip and fall incidents, as these are among the most common reasons for accidents in the industry. Mostly manufactured from GRP and FRP, these products are easy to install, do not corrode or support corrosion, are economical and can withstand harsh environmental conditions. Real Safety provides innovative anti-slip solutions where most accidents occur like stairs, Drill Floors, Walkways, Ladders, escape routes, decks, etc.



Rotary Table Mat



Escape Route Markers



Step Covers



Step Nosing



SPM™ Oil & Gas now offers Kemper flow iron. Well know for the Kemper oilfield hammer unions however we also offer Kemper plug valves, swivel joints, pup joints, hose loops, check valves, pressure relief valves and high-pressure fittings to the global well-servicing market.



Hammer Unions



Seal-O-Grip Unions



Hammerseal Unions



Choke Valves



Hose Loops



Chiksan Style Swivels



Check Valves - Swing Check Standard Flow or Reverse Flow



Low Torque Plug Valves



Cross



Integral Fittings



**AlphaTec® 1500
STANDARD Stitched -
Model 138**

Ansell

The Ultimate Experience In Hand Protection

HyFlex



HyFlex® 11-561
20% lighter design with powerful cut protection



HyFlex® 11-571
20% lighter design with powerful cut protection



HyFlex® 11-581
20% lighter design with powerful cut protection



HyFlex® 11-591
20% lighter design with powerful cut protection

RINGERS



RINGERS® R267
Heavy-duty, oil-resistant impact gloves with a Silicone Dot® palm for enhanced grip



RINGERS® R065
Cut-resistant impact gloves, with a TPR design and knit shell for dexterous comfort



RINGERS® R068
Fully coated safety gloves designed for impact, cut and liquid protection



RINGERS® R074
PVC-coated short gauntlet-style impact gloves, offering waterproof chemical resistance



RINGERS® R133
Touchscreen-compatible synthetic leather safety gloves, combining grip and durability



RINGERS® R259
Heavy-duty impact gloves with a Kevlar-stitched palm for advanced cut resistance



RINGERS® R179
Medium-duty impact gloves featuring a cut-resistant dual-layer synthetic leather palm



RINGERS® R297
Heavy-duty impact protection gloves, ensuring hand safety with added cut resistance



AlphaTec® 53-001
Every layer broadens your protection



AlphaTec® 58-735
Advanced chemical and cut protection

ALPHATEC

Barksdale®

CONTROL PRODUCTS

Pressure and Hydrogen

Accurately Monitor and Control Your Hydraulic and Pneumatic Systems



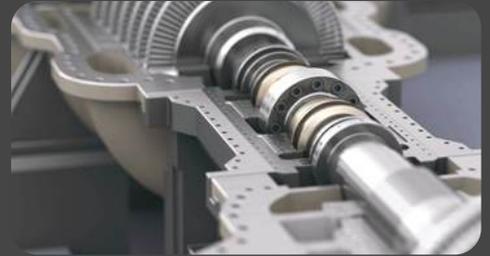
Valves

Safely control hydraulic and pneumatic systems



Delivering speed measurement and control instrumentation

Designed to perform in the most demanding environments



Dyalco Speed Instruments & Controls



Dyalco® Magnetic Pickups, Sensors and Switches

Upstream

Barksdale has been a product leader providing Shear-Seal® valves and regulators to major oil & gas equipment manufacturers for over 50 years. Our products can be found in applications such as BOP closing units, offshore platforms, pipe injection machines, work-over rigs, oil separators and pumps.

Midstream

Barksdale is a main component provider to major oil & gas original equipment manufacturers. You can find Barksdale products in gas distribution instrumentation equipment, pipe cutting equipment, hydraulic power units, oil and gas tankers, heat tracing equipment, compressor stations and more.

Downstream

Barksdale is a major component provider to the refinery and petrochemical industries. Our products are located on pump skids, reservoir tanks, hydraulic power tools, sample systems, cooling stations, safety shutdown systems and more.

Pressure

- Mechanical Pressure Switches
- Electronical Pressure Switches
- Pressure Transducer
- Indication Instruments

Valves & Regulators

- Valves
- Pressure Regulators
- Pressure Relief Valves

Temperature

- Mechanical Switches
- Electronic Switches & Controllers

Level

- Mechanical Level Switches
- Tank Level Indicating
- Level Probes
- Bypass Level Indicators
- Electrical Level Switches

Dyalco Products

- Engine Monitoring Controls
- Tachometers/Gauges/Meters
- Magnetic Pickups/Speed & Sensors
- Speed Switches & Transmitters
- Accessories

Flow

- Mechanical Flow Switches
- Electrical Flow Switches

**ELECTRIC &
AIR DRIVEN HYDRAULIC
TORQUE PUMP**

**HYDRAULIC
TORQUE
WRENCHES**



**TXU SERIES
UNI-SWIVEL LOW PROFILE
HYDRAULIC TORQUE
WRENCH**



**TX SERIES LOW PROFILE
HYDRAULIC TORQUE
WRENCH**



**SQ SERIES
SQUARE DRIVE
HYDRAULIC TORQUE
WRENCH**



**TU SERIES
SQUARE DRIVE
HYDRAULIC TORQUE
WRENCH**

**TOOLS THAT
GUARANTEE
ACCURACY**



**RP SERIES PNEUMATIC
TORQUE WRENCH**

The RP series handle makes it appear like an impact wrench, but once you pull the trigger nothing about this tool relates to the word "IMPACT". This is a smooth running instrument for applying vast amounts of torque in a continuous fluid like manner. With the use of standard industrial sockets every application is met with repeatable torque to an accuracy of +/-5%.



**VT Series
Battery-Powered Torque Wrench**

The Freedom and Flexibility of Cordless Operation Combined with Industrial Torque Power

VALVES FITTING AND TUBING



**High Pressure
Equipment**



**Low & Medium
Pressure Valves**
10,15 & 20,000 psi



**High & Ultra High
Pressure Valves**
30, 40, 60, 100 & 150,000 psi



Fittings & Tubing
For All Pressure Classes



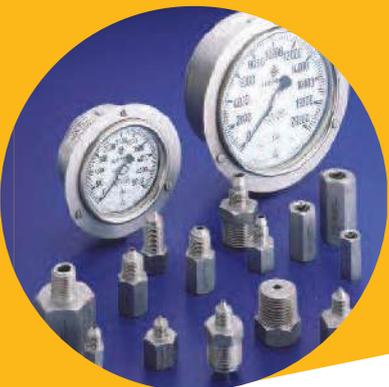
Ball Valves
10,15 & 20,000 psi



**Relief Valves
Block & Bleed Valves**



**Air Operated
Valves**



Accessories
Adapters, Couplings
& Pressure Gauges



Oil & Gas Products
For Sour Gas Service



**Pressure Vessels
& Reactors**

Valves, fittings, and tubing are essential components in fluid and gas transport systems across various industries, including oil and gas, chemical processing, water treatment, and HVAC. Understanding their roles, types, and applications is crucial for designing effective piping systems

Butterfly Valves

DEMCO®



Gate Valves



NON-WELDED PIPING SOLUTIONS

NON-WELDED PIPING SOLUTIONS



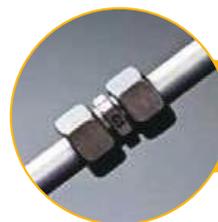
FOR MARINE, OFFSHORE AND LAND-BASED INDUSTRIES



GS-FLANGES

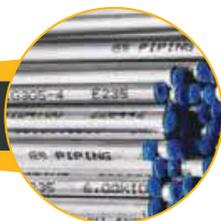


TEST EQUIPMENTS



BITE TYPE FITTINGS

PIPES



VALVES



MACHINES





Liquid-O-Ring®

- Anti-Seize / Extreme Temperature Compounds
- Drilling and Tool Joint Compounds
- Pipe Coatings +
- Specialty Lubricants
- Tubing, Casing and Line Pipe Thread
- Valve Lubricants, Sealants and Cleaners
- Wireline Premium Greases and Sprays

ZN50 Zinc Base Tool Joint Compound

ZN50 Tool Joint Compound is manufactured with the finest powdered metallic zinc and a high temperature, extreme pressure, petroleum base composition. The zinc used in the manufacture of ZN50 meets API and IADC requirements. ZN50 reduces plating and buildup of zinc, a problem encountered with other zinc products. This product conforms to the recommendation of "Tool Pushers Manual" (IADC-International Association of Drilling Contractors), Section B-2, Pages 1 and 2, and API (American Petroleum Institute) RP 5A3/ISO 13678. ZN50 contains less than 0.3% sulfur as recommended by tool joint manufacturers. ZN50 has good brushability over a wide range of temperatures, is resistant to water washout, has good adhesion to surfaces, and prevents against rust and corrosion.



221 Copper Seal II Tool Joint and Drill Collar Compound

221 Copper Seal II is a lead free, zinc free, quality lubricating compound that handles high temperatures and provides anti-seize performance required for breaking in new tool joints and lubricating drill collars. It is used in all drilling and anti-seize applications in the petroleum industry including refineries, petrochemical plants, and the water well industry. 221 Copper Seal II is recommended for use on all rotary shouldered connections and provides protection against galling and seizing or damage to threads on drill collars and tool joints, even under the most demanding conditions, including the deepest, hottest wells. It eliminates the need for wire brushing of threads to remove buildup often experienced with compounds that contain lead or zinc. 221 Copper Seal II assures constant makeup torque, is effective when used on downhole production tools or pumping equipment, and is recommended for use in areas of high temperatures.



NC111 Silicone Non-conductive Grease

NC111 Silicone Non-Conductive Grease is a high viscosity, silicone-based grease that is used where non-conductive performance is required. It is thermally stable, chemically inert, and will not affect rubber or plastics. It is resistant to numerous organic and inorganic chemicals including CO₂, moisture, and oxidation. This odorless grease is non-toxic and non-melting and does not dry out during service. NC111 services temperatures from -50°F to +400°F (-45°C to +204°C). NC111 is an excellent valve lubricant and sealant. NC111 is also recommended for use in downhole tools or equipment and allows ease of operation and disassembly.



776 Wireline Lubricant and Sealant with Corrosion Package

776 Wireline Lubricant and Sealant, manufactured with corrosion inhibitors, is designed for more effective wireline lubrication and ease of wireline operations. Recommended for operations where different pressures exist, 776 Wireline Lubricant and Sealant provides better seal retention. In addition to maintaining and holding higher seal pressures, 776 Wireline Lubricant and Sealant will reduce the friction of the wireline, thus keeping wear on wireline and flow tubes to a minimum. 776 Wireline Lubricant and Sealant will retain higher working pressures, resulting in reducing the loss of condensate, fluids, or gas from the well. 776 Wireline Lubricant and Sealant is most effective under high shock conditions for the reduction of drip and splatter. The special cohesive and adhesive properties prevent wellsite contamination. 776 Wireline Lubricant and Sealant provides protection against hydrogen sulfide (H₂S) and inhibits against the corrosive effects of acids, caustics, and salt water.



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HANDLING TOOLS

The 250-ton spider elevator is a type of lifting equipment commonly used in construction, particularly for heavy-duty applications.



GATE VALVES

Mud pump lines and standpipe manifolds, oil and gas pipelines, sour gas and crude oil, corrosive water flood lines, cementing services, wellheads, and well treating chemicals.

BUTTERFLY VALVES

The Mud King wafer and lug style butterfly valves are designed to meet the stringent requirements of chemical plants, processing plants, power plants, refineries, ship-building, pulp and paper mills, and wherever positive shut-off is required for liquids, oil, gas and gas slurries



DRILLING EQUIPMENTS

Drilling equipment encompasses a variety of tools and machinery used in the drilling process for various applications, including oil and gas exploration, construction, and mining.

PUMP PARTS & EXPENDABLES

When discussing pump parts and expendables, it typically refers to the components that make up a pump system as well as the items that are subject to wear and need regular replacement.



CARTRIDGE ASSEMBLIES

MKP carries a broad range of Cartridge Assemblies for many different style swivels as well as today's most popular Top Drives.

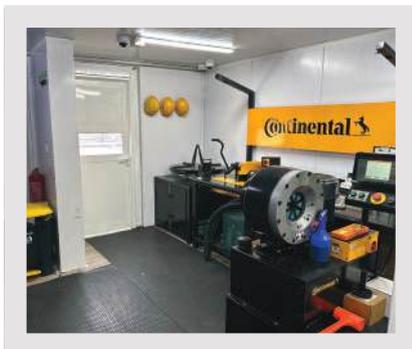
HOSE VAN SERVICE

Our On-Site Mobile Hose Workshop Service, available 24x7, anywhere in the KSA! We understand the importance of keeping your operations running smoothly, which is why our dedicated team is ready to provide expert hose solutions on-site



ONSITE HYDRAULIC HOSE CONTAINERS

on-site hydraulic hose containers are ideal for mining, drilling, construction, and earthmoving sites, especially in remote areas.



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