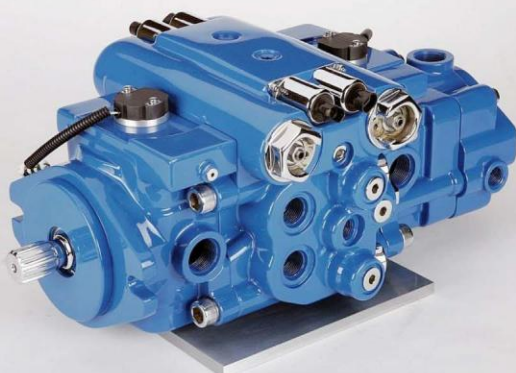


HYDRAULIC & FLUIDS DIVISION



**Hose, Tube & Instrumentation
Fittings, D-pro valves &
Instrument manifolds**



FLUID TRANSFER DIVISION

Fluid Transfer division cater to the needs of the organizations using hydraulic & pneumatic applications. We supply our products to various engineering industries, Power plants, Oil field companies; Cement & Ready mix concrete companies. Government organizations, Marine companies etc.

For client that have an application that requires a non standard hose assembly, we can develop a solution that meets specific requirements. Custom design for fittings & adaptors can be made from the wide range of materials with a wide variety of finishes. Regular users of hose assemblies in all industries need the backup & support of maintenance & repair service to keep their equipment in operation. Hence we offer on-site repair and maintenance services using the mobile hose van.

OUR AGENCIES



HOSE

Low Pressure Hydraulic Hose



The Low Pressure hose confirms to EN 854 /DIN 20022 1TE/2 TE / SAE 100 R6/R3 Specifications.

Medium Pressure Hydraulic Hose



Medium Pressure Rubber Hydraulic Hose confirms to EN 853-1SN/2SN exceeds SAE 100 R1AT/R2AT Specifications.

High Pressure Hydraulic Hose



High Pressure Spiral Braided Rubber Hose confirms to EN 856 – 4SP/4SH Specifications.

Thermoplastic Hydraulic Hose



Thermoplastic Hose Assemblies confirms to SAE 100 R7/R8 Specifications. Available in Single/Twin.

PTFE Hose



PTFE hose has an excellent temperature characteristics both in high and low temperature.

Industrial Hose



An economical and versatile general purpose hose, which is excellent for Water & Oil Suction & Delivery Hoses, air and water services.

Breathing Air Hose



Breathing Air Hose confirms to EN 14573 Specs, Low Pressure & High Pressure applications

SS Corrugated Hose



Designed for high temperature application, Chemical Corrosion resistant.

HOSE FITTINGS, TUBE & TUBE FITTINGS

Swage Fittings Carbon Steel



Swage Fittings (Carbon Steel) Confirms JIC, BSP & Mtrc Specifications. Available in Straight, 45 Deg & 90 Deg Elbows

Swage Fittings Stainless Steel



Swage Fittings (Stainless Steel) Confirms JIC, BSP & Mtrc Specifications. Available in Straight, 45 Deg & 90 Deg Elbows

(SAE) JIC 37 Flare Fittings



Adapters - JIC, BSP, NPT, Male-Male, Male Female, Straight, Elbows, Tees etc.

Tube Fittings, Bite and Compression Type



Tube Fittings confirms to ISO 8434-1/DIN 2353 B3-B4, Couplings, Elbows, Tees, Male Stud, Male Female etc.

Hydraulic Tube



Seamless tubes for Hydraulic systems in straight length. Materials available in stainless steel, carbon steel and copper

Tube clamps



Tube clamps of high quality having a high tensile resistance, a high wear resistance as well as cold resistance. Material available in polyurethane, polyimide and aluminum

High pressure valves



Hydraulic high pressure shut-off valve available 2-way ball valve, multi-way ball valves, SAE flange ball valve and hydraulic manifold blocks

SAE O'ring Blocks & Clamps



SAE Flanges are conforms to SAE J 518 C & ISO-6162-1/2. All Sizes are available both in the 3.000 PSI & 6000 PSI. Available in Socket Weld Type & Threaded Type.

PVC Ducting Hoses



Lightweight hose and ducting for industrial applications such as dust collection, fume exhaust, cooling and venting, vacuuming, and material handling. Products include wire reinforced coated fabric and plastic hose, hand-bendable metal ducting, and all plastic wet or dry vacuum hose.

Helisteel Hoses



Heavy Duty Transparent PVC Hose reinforced with high tensile Carbon Steel Helix. Excellent resistant to pressure Vacuum & abrasion. Highly Flexible to wide range of temperature.

Test Points & Minimise hoses



Micro Hoses for High Pressure & Fittings - Available in 2mm, 3mm & 4mm ID. Working pressure offered: 630 Bar. Fittings are available in JIC, BSP & Metric Standards.

Nylon Tubings



Nylon tubing is used in applications requiring good abrasion resistance, stiffness and strength at high temperatures. Manufactured from engineering resin, nylon tubing applications include hydraulic hoses, robotics, and vacuum, fuel, vapor, air and brake lines.

PVC Push Lok Fittings



Quick Connect and Disconnect: Simply push tubing in. To remove, press the release ring towards the fitting and pull tubing out. No tools required

Quick coupling



High pressure Quick Disconnect couplings with pressure ratings up to 10,000 psi. Available in various models & Pressure ratings. ISO A Series & B Series. Available in Carbon Steel & Stainless Steel & Brass on Request.

Camlock fittings



Camlock fittings are a quick, simple and economic way of disconnecting and re-connecting hoses to pumps, tanks, etc. They are used in a wide variety of applications and you can choose from one of the most diverse ranges available. Select your camlock fittings from aluminium, poly prop, stainless steel and brass finishes ensuring optimal function and durability for your specific application.



Blowout Preventer Hose System

for exploration and deep drilling in the Oil & Gas Industry

Blowout preventer (BOP) hose range:
from size -8 up to size -32 (DN 12 to DN 51)

- Variable length up to 40 m max
- 5,000 psi (35.0 MPa) and 6,000 psi (42.0 MPa) range with a safety factor 4:1
- Glass fibre fire sleeve protection – in compliance with RoHS directive 2002/95/EC
- Protected by square-locked metal flexible hose
- Material: hose fittings and metal protection available in steel and stainless steel
- Available as complete assemblies certified and approved to API16D specification and MSHA
- Accessories and hammer union adaptors type 1502 and 602 available on request



Glass fibre fire sleeve



Square-locked
metal flexible hose



Hammer UNION type
1502 with NPT thread
connection - Pressure
Rating: 15,000 psi



Hammer UNION type
602 with NPT thread
connection - Pressure
Rating: 6,000 psi



BOP Hose Assemblies



Size	Hose range	Hose ID DN	Hose ID Size	Assembly OD mm	Max WP psi / MPa	Min BP psi / MPa	Fitting series	Min Bend Radius (mm)
-8	BOP-8	12	-8	40	42.0	168.0	VS	180
-12	BOP-12	20	-12	45	42.0	168.0	V4	280
-16	BOP-16	25	-16	55	35.0	140.0	V4	340
-20	BOP-20	32	-20	65	35.0	140.0	V4	380
-24	BOP-24	40	-24	80	35.0	140.0	V6	480
-32	BOP-32	50	-32	95	35.0	140.0	V6	600

IDK-LOK

Fittings & Valves



World's largest enterprise in the instrumentation of fittings and valves

HYDRAULIC DIVISION

Hydraulic division meet the growing demands of Marine and Offshore hydraulics system services and lifting equipment inspections. We have our branches in UAE, Qatar, Oman & Bahrain.

As a leading suppliers of Marine & offshore cranes, we have undertaken several installation of the cranes on board. We offer cost effective ways to design, fabricate and deliver the required Hydraulic power units for the cranes made in Europe and other countries.

HYDRAULIC SYSTEM DESIGN

Our professional design engineers are capable of designing many versatile hydraulic systems for marine & industrial applications.

Design engineering includes the following activities,

- Preparation of hydraulic circuit drawings.
- Performing design calculation for achieving the required output.
- Selection of hydraulic components as per the design made.

HYDRAULIC AUDITING & TECHNICAL SUPPORT

Our hydraulic engineering experts can carry out a complete inspection of hydraulic systems and perform the health checkup for the systems. The required service works for the system can be derived after this technical auditing.



HYDRAULIC SYSTEMS AND APPLICATION TRAININGS

We can arrange specialized training programs for our customers at various levels. Customized training programs could be provided to improve technical competency for personnel. Practical demonstration of hydraulic components is available at our workshop. We have qualified training faculty with rich experience in the field of marine & industrial hydraulics.



HYDRAULIC SYSTEMS AND COMPONENTS SERVICING

Our sophisticated workshop is fully equipped to carry out the repair and overhauling of all kinds of hydraulic components like pumps, motors, cylinders, power packs, control valves, accumulators and all kinds of accessories related to hydraulic systems.

To examine the performance of the serviced components we use our state-of-the-art testing facility.



HYDRAULIC PIPING & FLUSHING

Any kind of hydraulic piping works for hydraulic systems can be done by our team of hydraulic engineers & technicians. We have the hydraulic hose crimping facility with state-of-the-art technology to crimp & test hydraulic hoses. We offer hydraulic system on-site repair and maintenance services using our mobile hydraulic hose vans.



SUPPLY OF LIFTING EQUIPMENT

Our experienced team of Lifting experts are available to help you select and use in selection right type of lifting equipment intended for specific applications. The equipment shall be of varying capacities from SWL 0.5 T to 1000 T. Our team shall provide extensive support by:

- Providing solution in customization of required products.
- Supplying reliable product that meets specific use of lifting.
- Design complex & complicated lift plans.



SUPPLY OF MOORING EQUIPMENT

We have extensive range of products in the mooring industry, our reliable crew members are experienced in handling complicated projects in the mooring industry with specialization in design, customization of product in line with clients requirement, supply, installation & commissioning of the mooring systems.



LIFTING MACHINERY OPERATORS, BANKSMAN, RIGGER TRAINING, ASSESSMENT & CERTIFICATION

Working hand in hand with our team of hydraulic experts, our competent team of Crane Engineers can provide extensive practical and theoretical certification training programs for crane operators, rigger training & banksman.



INSPECTION, CERTIFICATION & RENTAL OF LIFTING EQUIPMENT

Our team of Engineers are fully trained to carry out inspection & certification of lifting equipment including Chain Hoists, Wire rope Slings, Eyebolts, D Shackles, Polyester Slings etc. Our inspection wing is accredited & approved by Lloyds Register to carry out inspection and certification of loose lifting gears, gangways, ladders, cranes and all other lifting equipment relevant to British Standards or SOLAS regulations, whichever is applicable.

Our team of inspectors are certified by one of the globally renowned lifting body LEEA & NSL.

We also rent water bag, load cells & test weights.



SUPPLY OF HYDRAULIC COMPONENTS, HOSES & FITTINGS

We can supply all kinds of hydraulic components irrespective of any brands and makes. We are authorized dealers for PARKER MARINE hydraulic components in UAE region.

We are authorized service and spare parts suppliers for PALFINGER & EFFER marine cranes and authorized spare parts distributors for BREVINI hydraulic components.



We have a well maintained storage facility to store our products.

SUPPLY, INSTALLATION & COMMISSIONING OF MARINE CRANES, WINCHES

We can do turnkey projects in the field of Marine cranes installation & commissioning. As per client requirement we can recommend & offer the required crane model for any kind of application.



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