

MANUFACTURING

HYDRAULIC UNITS

Manufacturing of hydraulic units has become our company's best and competent service since inception. Our success is measured not by the length of our existence but by our continued commitment and dedication serving the hydraulic market in our region. Hydraulic systems are a proven and widely used technology for many different industries and application thus quality relevance and built performance should be taken primarily, and that is indeed our engineering and technical team lives on.

Our expertise includes:

- Design and engineering of hydraulic systems
- Manufacture of hydraulic systems
- Manufacture of hydraulic skids/powerpack
- Skid Fabrication
- Hydraulic Cylinder Fabrication
- Fabrication of spools, brackets and manifolds

HARD CHROME PLATING

Recovering your equipment due to surface damages is now available. We offer our comprehensive hard chrome plating facility to meet most of your needs through electrolyte process building chromium metal on the component surface without compromising the characteristics of the substrate or base metal. Our capacity ranges to 4700mm maximum length of cylinder with outside diameter (OD) of 500mm and minimum to 60mm inside diameter (ID) and maximum 550mm ID with 3000mm length. Our normal standard chrome thickness is 50 microns with 80 HRC hardness. Hard chrome plating recuperates your investment to live longer- no more scrap, we make it live again!

SEAL FABRICATION

The complexities of getting the right supply of seal on-time is no longer a problem. With our state-of-the-art seal manufacturing facilities capitalized thru our acquisition of the latest Seal Maker SML 500e, the most advanced CNC machine model specially designed for the seal repair market customers, we can now deliver made-to-order seals up to dia 520mm in just few minutes!

Our seal materials developed and produced in high quality of semi finished products in form of bars and tubes includes the whole spectrum of seal applications ready for machining of sealing elements. Beside the wide range of standard dimensions which are carried on stock, special dimensions are also available in all materials and FDA qualities: PU | NBR | EPDM | FPM | *AFLAS® | SILICONE | POM | PA | PTFE | PEEK | diverse compounds

HOSE ASSEMBLY

Hose assembly manufacturing for ultimate conveyance solutions and diverse applications with variety of hose specifications and fittings available in our stock for customer selection and immediate production according to our manufacturing standards. We are housed with complete technology to provide you with the hose assembly exactly right for your application. Intrinsic safety procedures carried through the process including necessary tests and quality control for every single hose assembled in our factory; a guarantee to our product quality and performance.

MAINTENANCE & SERVICES

We hold no discount in serving our industrial constituents. We offer the highest degree of services to propel every plant and machineries perform to its expectation by providing our investor with our innovative work center facilities and hybrid technical staff to strengthen our commitment to maintenance and services of our market customers.

Our exclusive offering of expertise and services are as follows:

- Hydraulic repair center
- Overhauling of hydraulic systems
- Troubleshooting of hydraulic systems
- Retro-fitting of hydraulic systems
- Hydraulic pump services
- Hydraulic cylinder services
- Troubleshooting of pneumatic systems
- Heat exchanger services
- On-site survey and report of existing hydraulic systems
- Piping installation
- Bolting and Tensioning
- Pressure testing
- Turn around maintenance
- Flushing of Pipeline (Oil Flushing)
- Oil Filtration
- Chemical cleaning
- Nitrogen filling of accumulators pickling
- Pump and accumulator installation
- Services of Hagglunds motors and drive units

BOLTING & TENSIONING

- Tools Rental services
- Manpower (Field Service Engineer-FSE) with Tools Rental Services
- Onshore & Offshore Manpower (FSE) with tools Rental services
- On-call live line leak arrest Bolting Services
- Shutdowns and Projects Bolting rental services
- Construction and installation equipment Bolting rental services



الشركة السعودية الخليجية الهيدروليكية المحدودة
SAUDI GULF HYDRAULICS Co. Ltd.

Rexroth
Bosch Group



SPX POWER TEAM



DEUBLIN
Engineering for Performance

HYDAC

ASCA
NUMATICS



HANSA FLEX



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الشركة السعودية الخليجية الهيدروليكية المحدودة
SAUDI GULF HYDRAULICS Co. Ltd.

High-Efficiency Hydraulic Solutions

...for All Applications

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OUR COMPANY PROFILE



الشركة السعودية الخليجية الهيدروليكية المحدودة
SAUDI GULF HYDRAULICS Co. Ltd.

SAUDI GULF HYDRAULICS COMPANY LIMITED (SGHCL) established in 1987 as a joint venture with German collaboration, headquartered in Riyadh, Kingdom of Saudi Arabia with branches in Dammam and Jeddah is one of the most respected hydraulic centers in the Kingdom of Saudi Arabia with facilities available to cater market customers in the region. With its over 25 years of excellence, SGHCL have indeed proven its competence as leader in the field of hydraulics and pneumatics continuously serving the industry including corporate giants like, Saudi Aramco and Sabic, with dedicated work center facilities and certified management system according to ISO 9001-2008/TUV standards.

We, SGHCL, is a longtime partner and has access to technology of BOSCH REXROTH AG and HYDAC Group in Germany for technical support - a benchmark of successful partnership over decades that gained a sustainable growth of market customers in the region.

Our expertise rises to the balance of our continued commitment to the industry by constantly delivering innovative support, thanks to our customer-oriented field engineers and marketing experts in maintaining their support from engineering and design to plant maintenance and effective parts and material supply; a turnaround offer of commitment and dedication to our hydraulic customers.

Managed by highly qualified professionals, our management similarly championed the collaboration with internationally celebrated brand as partners to a conglomerate success in serving our market customers. Our possession with every brand resonate our decades of legendary commitment to the industry and therefore warrant our customers with assurance and quality of continued service.

We bank with our resources and wealth of expertise cemented our earnest support to all our endeavors by upholding the common interest we shared with our partners and the market we serve while preserving our management values towards our most valuable assets, our employees!

PRODUCT RANGE

Hydraulics and pneumatics are not just our product expertise! Our supply range diversified to cater various applications perfecting our product portfolio with the world's recognized product brands.

HYDRAULICS

- Pumps
- Motors
- Hagglands Hydraulic Motor
- Hagglands Drive Units
- Hagglands Winches
- Gearbox
- Flow divider
- Valves
- Accumulators
- Tanks
- Filters
- Cylinders
- Couplers
- Jacks
- Valves
- Manifolds
- Power Tools



PNEUMATICS

- Solenoid valves
- Angle body piston valves
- Valve manifolds
- Cylinders
- Actuators
- Filters
- Regulators
- Lubricators
- Accessories & components



BOLTING & TENSIONING

- High cycle torque wrench
- Low clearance torque wrench
- Square drive torque wrench
- Square drive accessories
- Link & reducers
- Nut splitters
- Bolt tensioners
- Top side tensioner
- Wind tensioner
- Subsea bolt tensioner
- Torque wrench pump (air/electric)



PUMPS

- Magnetic coupled pumps
- Low pressure pumps
- High & medium pressure pumps
- Leak-free pumps
- Gasoline driven pumps
- Air pumps
- Hand pumps
- Oil Pumps
- Grease Pumps
- Fuel Pumps



VALVES

- 2/3 way valves
- Non-return/shuttle valves
- Check/Flow valves
- Directional valves
- Proportional valves
- Throttle valves
- On/Off valves
- Servo valves
- Seat valves
- Diaphragm valves
- Valve accessories



HOSES

- Hydraulic hoses (spiral & braided)
- Hydraulic hoses (low, medium & high pressure)
- Suction hoses
- Thermoplastic hoses
- PTFE hoses
- Air hoses
- Water hoses
- Steam hoses
- Food grade hoses
- Chemical hoses
- Hoses for abrasive media
- Metal hoses
- Airconditioning hoses
- Hose sleeves / protector



PIPES & FITTINGS

- Adapters
- Fittings
- Couplings
- Connectors
- Flanges SAE high pressure
- Flanges SAE (weld-on, counter seal, external threaded)
- Tubes
- Tubes hygienic (ASME, ISO, DIN)
- Clamps (pipes, twin/steel pipe, hose, ear, worm drive hose, hinge bolt, jaws, etc.)
- Sockets
- Nipples
- Washers



SEALING SOLUTIONS

- Seals (wiper, rod, piston)
- Symmetrical Seals
- Rotary seals
- Mining seals
- Flange seals
- Flat seals
- Back-up rings
- Guide rings
- Static seal & o-rings
- U-rings
- Quad rings
- Support rings
- Usit rings
- Sealing rings
- Packing sets
- Bushes
- Customized seals & machine parts



FILTRATION TECHNOLOGY

- Contamination monitors
- Contamination test units
- Fluid control units
- Offline filtration systems
- Offline filtration skids
- Vacuum dehydrator
- Low pressure filters
- Medium pressure filters
- High pressure filters
- Spin-on filters
- Breathers/Filler breathers
- Filter elements
- Strainers
- Filter driers
- Filtration accessories



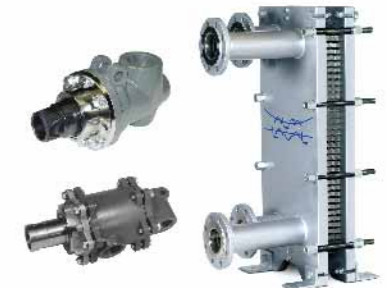
POWER & MOTION CONTROLS

- Power pack units
- Power pack reservoir
- Solenoid coils
- Solenoid valves
- Actuators
- Switches
- Sensors
- Field bus connection
- Gearboxes
- Flow meters
- Drive Converters
- Motor integrated drive units
- Drives
- Motors
- Frequency Converters
- PLC's
- Controllers
- Motion logic controls
- Linear motion systems
- Safe logic technology
- Pressure regulators
- Pressure Gauges



HEATING & COOLING SYSTEMS

- Air Coolers
- Oil Coolers
- Plate Heat Exchanger
- Brazed Heat Exchanger
- Thermostats
- Rotary Joints
- Rotation Unions & Couplings
- Steam Joints & Siphons



LUBRICATION SYSTEMS & TECHNOLOGY

- Centralized automatic lubrication systems
- Multi-point automatic lubrication systems
- Dual-point automatic lubrication systems
- Lubrication pump (electric, air, battery)
- Barrel pump for grease & oil
- Grease gun (manual, battery, air operated)
- Grease/oil meters
- Fluid evacuator
- Hose reels

