

GENERAL HYDRAULIC SOLUTIONS

SERVING
THE
HYDRAULIC
SOLUTIONS
FOR
POWERING
TOMORROW



Greetings from GENERAL HYDRAULIC SOLUTIONS (GHS)

GENERAL HYDRAULIC SOLUTIONS (GHS) believes that no one should have to question the integrity of the mechanical systems that play such a critical role in our way of life. As a supplier of industrial raw materials in engineering and Hydraulic technologies, we strengthen public and industrial bond through our service & Commitments.

GENERAL HYDRAULIC SOLUTIONS (GHS) has supplied and secured strong connections in numbers of applications all over the nation. Apart from Sales & Resales Our many solutions are developed and manufactured in-house, ensuring they meet the highest standards in the industry. We are proud partners to many to offer a full life-cycle warranty across all its technologies.

From production to engineering and sales, we have a talented team that is always ready to deliver. Our services focus on life cycle profitability, design, production, training and installation support. If you ever have an engineering challenge along with sales and support, we will provide you with a solution that maximizes the productivity, safety and reliability of your application.

We are passionate about sharing our knowledge, insights and expertise to ensure an optimal long-term solution and we work closely with you to understand your needs, solve your problems and support your projects.

Our Vision and Mission is to safeguard human lives therefore we always sale and resale products with high standards from a well-known brand.

◆ Why Us

GHS makes every effort to guarantee its customers the best service available.

Fast solution delivery to accelerate project readiness local cost competitiveness widest range of hydraulic solutions rapid response times and local technical support over three decades of experience Advanced & constant quality products product guarantee & free replacement for premature products continuous quest for new design & its successful deliverance.

General hydraulic solutions (GHS) is serving complete hydraulic solutions and reliable products nationwide with appropriate standards for. GHS, manufactures as well as supplies complete hydraulic products:

◆ Hydraulic Sales & Services

Design & Customized solutions for Special applications as per customers requirement: Power pack (up to 7251.89 psi), hydraulic press (up to 1000 ton), customize hydraulic machines, hydraulic cylinders (up to 1000 ton), hydraulic jacks (up to 1000 ton), hydraulic, hammer/ breaker (as per requirement), sheering machine (up to 20 mm), bailing machine (10 kg to 50 kg), water hydraulics (up to 1000 ton), cylinders for earthmoving equipment (as per requirement),

Hydraulic hand pump, hydraulic & industrial hoses with/without fittings, various national and international brands' seals, hydraulic mobile valve, hydraulic needle valve, hydraulic piston pump, vane pumps, pneumatic cylinder etc. You can rely on us for retail and bulk orders all around the year.

We also offer services to meet a wide range of customer needs. After market & After sales Service: should you need product maintenance, AMC

{Annual Maintenance Contract}, conversion, upgradation, or an entirely new custom-designed system? We believe we have the capabilities to meet your requirements. Repair and rebuild: Is it not more cost effective to repair or rebuild parts than to purchase new ones? From basic Servicing and minor repair to full rebuild, we offer multiple levels of repair services.

◆ Rubber Products

Dealer & Supplier of all kind of rubber - sealing components primarily deal in Hydraulic Hose Pipes, Industrial Hose Pipes, O-rings (Viton, Silicon, NBR, Nitrile), Rubber cords (Viton, Silicon, Nitrile, Neoprene), Hydraulic seals (Rod, Piston, Wiper, Das seals, Useals, V seals), Pneumatic seals, Rubber Gasket, Washer, Rubber diaphragm, Rubber bellow, STUD bush, Spider Coupling and Teflon, Nylon products as per sample and drawing. We also supply all kind of customized rubber parts as per size, specification and drawing

◆ Fastners

Stainless Steel:

- Bolts & Nuts ● Washers ● Allen cap
- Special Type fasteners ● Fitting ● Elbow
- Tee ● Union ● Female Small Fittings

M.S

- Seam less & ERW Pipes
- Swastik Make G.I Pipes
- Fittings ● Valves
- ASTM B7/2H Stud as per Drawings

Non-Ferrous:

- Brass Valve ● Fittings
- Pneumatic Fittings
- Bolt-Nut ● Washer
- G.M Valve

We Manufacture

Customized components and various hydraulic machines.

Hydraulic Cylinders:



Type : Single Acting, Double Acting Bore Diameter 50 mm to 1000 mm Stroke up to 11 meters Working Pressure up to 600 Bar Mounting Type - Flange Mounting, Swivel Bearing End, Clevis Mounting, trunnion mounting, Tie rod type, Y-Pin Mounting, Pin Mounting, Foot Mounting.

Hydraulic Power Unit

Hydraulic Power units (Sometimes referred to as a hydraulic power pack) is a self-contained system that generally includes a motor, a fluid reservoir and a pump. It works to apply the hydraulic pressure needed to drive motors, cylinder and other complementary parts of a given hydraulic system.

Currently we are manufacturing standard & Customized power pack units up to 500 bar working pressure.

Various types of power units such as:

hand lever operated solenoid operated capacity from 2HP to 200HP Flow rate upto 400L/Min

Features :

Build with high quality hydraulic components prevents leakages low noise levels energy efficient design analyze your custom application easy to build circuit Designed to protect from contamination long life components & easy availability

Range :

KW up to 200 HP, Oil Reservoir upto 10,000 Ltr Working pressure upto 500 Bar Pump Flow upto 400 LPM Controls Manual, PLC & Customized feedback Electronics Sensors.

Application of these hydraulic units are for various types of press machine, Deep Draw machine, Press Break, Steel Plants, Sugar Factories, Plastic Injection Molding Machineries, Earth Moving Equipment, Construction Machine.



Hydraulic Press Machine

A hydraulic press is a machine press using a hydraulic cylinder to generate a compressive force. It uses the hydraulic equivalent of a mechanical lever. Hydraulic presses are commonly used for forging, clinching, molding, blanking, punching, deep drawing and metal forming operations. The hydraulic press is advantageous in manufacturing, it gives the ability to create more intricate shapes and can be economical with materials.

A hydraulic press will take up less space compared to a mechanical press of the same capability.



HYDRAULIC CUSTOMIZED MACHINES AS PER REQUIREMENT

Our Products

- ◆ APG Clamping Machine
- ◆ Bag Embossing Machine
- ◆ Glass Embossing Machine
- ◆ CNC Bending Machine
- ◆ CNC Shearing Machine
- ◆ Cylinder Boring Machine
- ◆ Hydraulic Bending Press
- ◆ Hydraulic Sheet Metal Press Brake
- ◆ Hydraulic Machine
- ◆ Hydraulic Oil Cylinder
- ◆ Metal Tube Bending Machine
- ◆ Plate Rolling Machine
- ◆ Special Purpose Machine
- ◆ Roll Bending Machine



WE SUPPLY

HYDRAULIC PARTS & ACCESSORIES

HYDRAULIC PUMPS



Vane Pumps



Int & Ext Gear Pump



Radial Piston Pump



Axial Piston Pump

HYDRAULIC MOTORS



Orbital Motor



Gear Motor



Axial Piston Motor



Radial Piston Motor

VALVE CATEGORIES



Valves Accessories / Kits



Valve Terminals / Controls



Manifolds



Angle Valves



Flow Control Valves



Gate Valves



Globe Valves



Hydraulic Valves



Ball Valves



Butterfly Valves



Check Valves



Cartridge Valves



Logic Valves



Metering Valves



Miniature Valves



Needle Valves



Counterbalance Valves



Directional Control Valves



Electronic Valves



Fieldbus / Industrial Networks



Pilot Valves



Plug Valves



PFA Valves



Pressure Control Valves



Pressure Relief Valves



Proportional Valves



Purge Valves



Safety Valves



Shut Off Valves



Shuttle Valves



Servo Valves



Solenoid Valves



Shut Off Valves



Shuttle Valves



Servo Valves



Solenoid Valves



Spool Valves



Throttle Valves



Ultra High Purity Valves



Instrumentation Valves



Spool Valves



Throttle Valves



Ultra High Purity Valves



Instrumentation Valves



Double Block and Bleed Valves



Dump and Soft Start Valves

Accessories



Fluid Level Indicator



Hydraulic
Manifold Block



Gear Coupling



Hydraulic Pipe Clamps



Suction Strainer &
Return line filter



Filler Breather



Bell Housing



Accumulators



Pressure Gauge



Bearings



Hydraulic Jacks

FITTINGS & QUICK COUPLINGS



Adapters



Barbed Fittings



Compression Fittings



Cone and Thread Fittings
and Adapters



Face Seal Fittings



Flare Fittings



Flareless and Bite Type
Fittings



Hose Fittings



Hydraulic Fittings



Instrumentation Fittings



Pipe Fittings



Pneumatic Fittings



Pneumatic Function
Fittings and Flow Control



Push-to-Connect Fittings



Quick Couplings Hydraulic



Quick Couplings
Pneumatic



Quick Couplings
Application Based



Tube Fittings and
Equipment

HOSE CATEGORIES



Hydraulic Hose



Push-Lok and Push-on hoses



Transfer Hose



Hose Assemblies



Constant Working Pressure Hose



Fuel Hose



Suction Hose



PTFE Hose



Specialty Hose



Air Hose



Water Blast Hose



Water Hose



Chemical Hose



Coolant Hose



Food Grade Hose



Oil Hose



Steam Hose



High Pressure Hose



Pneumatic Hose



SEALS & O-RINGS



Back-up Rings



Buffer Seals



Cushioning Seals



Custom Seals



Fastener Seals



Flange Seals



O-Rings and O-Ring Accessories



Piston Seals



Rod Seals



Rotary Seals & Bearing Isolators



Static Seals



Valve Seals

OUR STRENGTH

Sr. No	Overview	Numbers
01	Lathe Machines (Working for Job Up to 4800mm Length and 1500mm OD)	06 Nos. Of Various Sizes of Lathe Available.
02	Air Compressor	01 Nos.
03	Drilling Machines	03 Nos.
04	Hydraulic Press Automatic – 100 Ton	01 Nos
05	Welding Machines (TIG & SMAW)	04 Nos
06	Gas Cutter	02 Nos
07	Hose Pipe Crimping Machine	01 Nos
08	Press and Dies for Rubber Seal Production	01Nos

OUR EXPERTISE

Sr. No	Area Of Expertise	We Offer
01	Hydraulics Systems Manufacture and Repair Services	Power packs, Press machines, Hydraulic Cylinders, Rubber Compression, Plastic Injection, or anything related to us.
02	Molds & dies	As Per Drawing or / As per Requirement
03	Customized Machines	As Mention in Catalogue / As per Requirement
04	Machining Jobs & Job Works	As Per Drawing / As per Requirement
05	Fabrication Job & Job Works	As Per Drawing or / As per Requirement
06	Certified Welding Job & Job Works (All Positions)	As Per Drawing or / As per Requirement
07	Sheet Metal Punching Work	As Per Drawing or / As per Requirement

Authorised Supplier of :



Providing Flexible Solutions Globally



Rubber & PVC Hoses | Sheets | Insulating Mats



UHS.UNS & UNR Seals



TECHNAM TECHTEX TEXILAN TECHBING TECHLED



GENERAL
HYDRAULIC
SOLUTIONS

Serving the Hydraulic Solutions Nation Wide



Plot No - 199, Nr. Hanuman Mandir,
GIDC, Makarpura, Vadodara - 390010



ghsnationwide@gmail.com



94293 45049