



**Greeting from General hydraulic solutions (GHS) ,,,,,,**

**A QUICK INTRODUCTION TO HYDRAULIC SYSTEM:** Pascal's Law expresses that the pressure exerted to any part of a confined fluid transmits to every other part with no loss. The pressure acts with equivalent force on all equal areas of the confining walls and perpendicular to the walls. This is the fundamental principle for any hydraulic system.

A basic hydraulic system comprises hydraulic fluid, pistons or rams, cylinders, accumulation or oil reservoir, a total working system, and safety devices. These frameworks can remotely control a wide assortment of equipment by transmitting force, conveyed by the hydraulic liquid, in a confined medium. Cutting edge advancements in hydraulics have included many fields in engineering and transportation. These frameworks exchange high forces rapidly and precisely even in small pipes of light weight, small size, any shape, and over a long distance.

These systems assume a key role from small car's steering to supersonic aircraft's maneuvering devices. More powerful and accurate systems are likewise utilized in moving tremendous ships.

**WHERE DOES GHS COME FROM?** Our story dates back to 1999, when we identified a need for expert hydraulic services to meet the growing need in the market for quality and durable hydraulic machines and equipment. For more than three decades, we've been at the helm of our industry, setting the standard for excellence in hydraulic machines and equipment. We brought innovation and advancement to the hydraulic services sector, and continue to lead the way forward in excellence. Since our humble beginnings, we've grown immensely and now occupy state of the art premises in Makarpura Vadodara. Even though we are situated in Makarpura, we have the capacity and expertise to supply our premier hydraulic design, cylinders, machines and services throughout the nation, and to the rest of the world. Our philosophy has always been to provide premium and advanced hydraulic services and repair solutions to our valued customers. In order to remain at the cutting edge of our industry, we continue to stay up to date with the very latest developments and advancements in the sector. This means you always have confidence that you'll always receive the very best service and solutions available on the market.

**WE BELIEVE:** We as GHS have built its leadership in the hydraulic industry, and its reputation as one of the hydraulic leaders, by providing experienced as well as fresh insights that answer those essential questions for Fortune 1000 companies across India and around the world. Our practice of delivering hydraulic solutions & developments, after



sales services, whether delivering to micro scale companies, medium scale companies, or big organizations, is a mission that infuses everything we do with a passion for hydraulics, we've built an organization focused on developing & delivering hydraulic solutions through a variety of methods. To us, a hydraulic solution is about taking action and achieving results. Our hydraulic leadership experiences and business simulations reflect real time-hydraulic challenges and provide solutions for our clients to develop their trust to be one of their reliable suppliers.

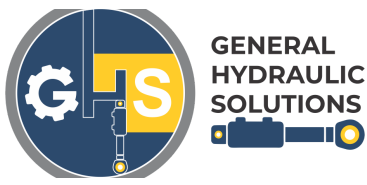
**WHY GHS:** GHS makes every effort to guarantee its customers the best service available.

- **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**

**OUR SOLUTIONS FOR HYDRAULICS:** The industry is moving to smarter with more efficient machines. It's no longer just about components, it's about how those components connect to create intelligent subsystems that dynamically adapt and respond. The integration of intelligent hydraulic, electronic and mechanical components can deliver performance improvements that differentiate platforms and create a competitive advantage.

We would like to introduce some of our GHS' in-house manufactured products which comes with one-year warranty that powers hydraulic solutions mention below:

- **POWER PACK (UP TO 6000 PSI)**
- **HYDRAULIC PRESS (UP TO 1000 Ton)**
- **SPECIALIZED HYDRAULIC MACHINES**
- **HYDRAULIC CYLINDERS (UP TO 1000 Ton)**
- **HYDRAULIC JACKS (UP TO 1000 Ton)**
- **HYDRAULIC HAMMER/BREAKER (AS PER REQUIREMENT)**
- **SHEARING MACHINE (UP TO 20 mm)**
- **BALING MACHINE (10 kg to 50 kg)**



- **WATER HYDRAULICS (UP TO 1000 Ton)**
- **CYLINDERS FOR EARTHMOVING EQUIPMENT (AS PER REQUIREMENT)**
- **HYDRAULIC RERAILING SYSTEM**



**AFTERMARKET SERVICE AND DISTRIBUTION:** General hydraulic solutions are developed using superior-quality products from highly reputed, prestigious companies. Our partners are world leaders in quality hydraulics components and services.

**SPARE PARTS AND CONSUMABLES:** GHS offers hydraulic components and systems built to last a machine's lifetime. We work out a solution tailored to our clients' needs and they receive the appropriate, cost saving spare part at a demand – adjusted delivery time. We have an extensive stock of spare parts ready to support our customers' request.

**REPAIRS:** At GHS we offer repair programs for out of warranty components. We also diagnose and evaluate component conditions through data acquisition by master technicians. We have the knowledge to ensure the best possible solution for handling repairs to your hydraulic system and components.

**UPGRADE PROGRAMS:** GHS can also reverse – engineer hydraulic failures in the field and develop retrofits that improves performance of existing hydraulic systems. We at GHS continuously develop and create upgrade kits to improve hydraulic solutions, extend the lifetime of the installed equipment, and to be deployed in new machines.

**TECHNICAL SUPPORT & TRAINING:** GHS provides on-site service when needed, as well as training sessions to support clients' Field Engineers. We are readily available to support our customers while ensuring the best service. We also follow-up with after-sales support, including product training, troubleshooting, consultancy and field services, all of which are conducted by our team of professional hydraulic technicians.

**SECTORS:** At GHS we are armed to teeth to serve hydraulic solutions to any sector mention below:

- |                  |                   |                          |
|------------------|-------------------|--------------------------|
| ● MACHINE TOOLS  | CAPITAL EQUIPMENT | PUBLIC WORKS             |
| ● RAILWAY        | MARINE            | CHEMICAL                 |
| ● AUTOMOBILE     | AERONAUTICAL      | LIFTING AND CONSTRUCTION |
| ● IRON AND STEEL | PEPPERMILL        | SPECIALIZED MACHINERY    |

**TO CONCLUDE:** GHS Design, develops, manufacturer and distributors hydraulic systems and components known for their superior values. Developed with decades of experience and state of the art manufacturing techniques, our solutions deliver high quality at competitive price points, you will find GHS hard at work in manufacturing, transportation, mills, marine, construction, and other markets around the world which includes hydraulics system. As industries applications for powerful hydraulic systems evolve, so do GHS



products. Our high-quality, versatile hydraulic cylinders move / tilt larger objects, shape new forms, lift heavier loads, dig deeper tunnels and haul more materials. They meet the most demanding customer requirements with power, efficiency, high precision, and outstanding stability.

GHS' commitment doesn't begin and end with solution delivery. We are with you every step of the way from R&D, prototype, design, turn-key system delivery and ongoing support. Rely on our complete service package for everything you need whether it's regular maintenance and repairs or emergency support.

GHS is dedicated to your success.

**Mihir Parekh**

**Business Development Executive**

**Cell Number: 9429345049**

**Email: [ghsnationwide@gmail.com](mailto:ghsnationwide@gmail.com)**

