**About Us(s) Our Products(d) Our Services(d) Enquiry(d) Career(d)**

**ABOUT GFPL:-**

Girish Fabricators was established in 1997 as a proprietorship firm. GF is a pioneer & leader in quality fabrication & erection industry in Chhattisgarh and Pan India. GF understands the needs of customers and has mastered the fabrication engineering concept through continuous innovation & experience. GF has executed projects for its clients to utmost satisfaction across the state for last 18 years. **GIRISH FABRICATOR** was converted from Proprietorship to Private Limited Company in the year 2015.

GIRISH FABRICATORS BROUSER X GFPL is fully equipped with efficient design team, State-of the-art manufacturing facility and it is backed by a very experienced execution team. Being capable to handle any size of project with utmost care and quality. We are well-equipped with all the superior manufacturing and designing facilities that help us in carrying out an efficient production of our range effectively, we also facilitate our professionals by providing requisite tools and equipment to undertake the installation process with utmost convenience.

Furthermore, we follow a strict quality regime to ensure that our product range is free from any defects and follow National & International guidelines. GFPL provides Structural solutions to its Clients in form of Pre-Engineered Buildings, Conventional buildings, Roofing sheets, Erection & Fabrication. GFPL have one unit infrastructure, there is 40,000 square feet and expansion going on for PEB structure manufacturing facility at Rawabhata, Raipur (CG).

**OUR MISSION:-**

Our Mission is to provide our customers with competitive products that deliver quality and values.

**OUR VISION:-**

Our vision is to encourage innovation and creativity in our products and in our day-to-day operations among employees and deliver excellence to a marketplace while offering professional support and service on a local and regional level.

**APPLICATION:-**

Warehouses

Industrial Building

Indoor Tennis Courts

Petrol Pumps

Showrooms

Restaurants

Container Houses

Pre Engineered Buildings

Offices

Swimming Pool Enclosures

Car Parking Sheds

Poultry-Dairy Farms

Lifting Equipments

Material Handling Equipments

Portable Toilets

Mezzanines

Gazebo

**OUR CLIENTS:-**

Ashish Wires & Steel

Academic World School

Anant Metallics

Ankur Timber

Aero Agro Chemical Industries Ltd

Bharat Packaging

Bajrang Steel

Ganesh Timber

Gupta Agrotech

Jai Ambey Wires Pvt Ltd

J. P. Wires

Magic Color Planet

Padmani Brothers

Rahul Logistics

Subhkamna Auto

Sparsh Automobiles India Pvt ltd

Snweta Enterprises

Vishal Tubes & Pipes

KNY Projects Ltd. (IOCL)

Orrisa Concrete & Allied Ltd.

Gurunanak Steels

Vihan Iron & Steels Pvt. Ltd.

Jai Orient Transport

Om Plywood

Zar Paints & Coating

Zar Metamorphose Combine Pvt. Ltd.

Zar Resins & Polymers, Jai Ambey Industries Pvt. Ltd. Vistar INC (Clyb House)

**COMPLETE FABRICATION TOOLKIT:-**

Pre-Engineering Building

Conventional Pattern Shed (Pattern Nut Bolting System)

Fabrication & Erection

EOT Cranes (SG & DG)

Designer Grill-jali

Rolling Shutter (Automated/Manual/Gear)

CNC Cutting Sheet

Sliding/Swing Gates (Automated/ Manual)

Collapsible Gates

Polycarbonate Dome Making

Window Canopy (Full Arch Dome/Semi-Arch

Dome/Terrace Dome)

Skylight Shed

Turbo Air Vents

Engineering Services, Machining /Milling

Operation (Lathe/Shaper/Miller)

IGL Industrial Goods Lift (Industrial Commercial)

**QUALITY PROFILE:-**

We believe in providing a rich level of premium quality products (inspired) by German design philosophy to our esteemed clients. In order to ensure that every piece of equipment should be absolutely defect-free, we follow stringent quality control.

**OUR PHILOSOPHY:-**

The business philosophy of the company is to lay emphasis on Human Values and Personal Relations. **'SERVICE TO SATISFACTION'**. Great emphasis is laid on proper communication, transparency and human relations and services, which forms an integral part of the corporate culture. At GFPL, we not only develop products but we develop relationships.

We at GFPL believe in teamwork. With every new day the quest for acquiring new competencies continues. Forever searching. experimenting, innovating, learning, moving ahead with our sincere efforts and dedication, in shaping the future, and challenging our competencies to create new opportunities, is a never-ending process in the company.

**FABRICATION:-**

GFPL is totally involved in fabrication of all types of PLB structures, Conventional Building, EOT cranes and so on. Metal fabrication is the process of creating of metal structure by cutting bending and assembling process. It is a value added process involving creation of machines, parts and Typically a fabrication shop bids on a job usually based on engineering drawings, and if awarded the contract, builds the product. Large fab shops employ a multitude of value added processes including welding, cutting, forming and machining Production / Fabrication Department activities include:

* Pre
* Drawing Study.
* BOQ preparation.
* Job Order issuance.
* Manpower & Machine Allocation.
* Painting and Galvanizing is also part of fabrication.
* preparing Monthly production plan.

**DESIGN & ENGINEERING**

With capabilities ranging from designing, engineering, detailed fabrication and erection GFPL undertakes complete projects or part of a project and executes them on a zero-error basis.

The full-fledged Engineering and Designing department comprises of highly experienced designers, who are equipped with the latest software, facilitating them to design any complex projects.

Some of the software used in the designing process:

* Sketch up
* Autocad-for2D Detailing
* Act Cad for 2D and 3D
* Tekla & Staad-Pro
* MBS
* PEB Structure Structure Design Engineering

Calculations include:

- External load calculations

- Loading tree

- Analysis of Structure

**DESIGNER GRILL-JALI:-**

Grillwork is decorative grating of metal used as a screen, divider, barrier or as a purely decorative element. It may function as a window either with or without glazing. Grillwork may also refer to grilles, decorative front ends of motor vehicles. Grillwork is sometimes referred to as simply as a grill or as grille, but the latter terms do not convey a decorative quality.

GFPL is involved in fabrication of various types of grill-jali which suit market standard in different design pattern.

**PLANNING & MONITORING:-**

The Planning department monitors and ensure the optimum utilization of resources. We are one of the very few companies to have introduced SAP for controlling and tracking the entire business process starting from PO receiving, job ordering issuance, designing & drafting of product, purchasing of the raw material, Manufacturing & fabrication, Galvanizing or Painting, Packing and Delivery. Planning activities includes the following area, based on annual and quarterly basis.

* Business strategic Planning.
* Capacity Planning
* Resource Planning
* Material Planning
* Procurement Planning
* Inventory & Safety Stock
* Planning Monitoring activities include
* Budget Allocations
* Planned Verses Actual Project Progress.

**POLYCARBONATE DOME MAKING:-**

Polycarbonates (PC) are a group o thermoplastic polymers containing carbonate groups in their chemical structures Polycarbonates used in engineering are strong, tough materials, and some grades are optically transparent.

GFPL involves in transparent dome making which is of Polycarbonate. By customer demand, we are supplying different type of dome in CG. Window Canopy (FAD/SAD/TD) GFPL is also making and supplying canopy for window and door for PEB and conventional structures.

A canopy is an overhead roof or else a structure over which a fabric or metal covering is attached, able to provide shade or shelter from weather conditions such as sun, hail, snow and rain. able to provide shade or shelter from weather condition such as sun,hail,snow and rain.

**SKYLIGHT SHED:-**

A skylight (sometimes called a roof light) is a light-transmitting structure that forms all or part of the roof space of a building for day lighting purposes.

GFPL is supplying skylight shed to clients for saving of electricity and minimizing human error Skylights are widely used in designing daylighting for residential commercial buildings.

**ERECTION:-**

GFPL fabricate structure in house and after that on site erection. For erection process company's employee visit site on regular basis.

The erection of structural steelwork consists of the assembly of steel components into a frame on site. The processes involve lifting and placing components into position, then connecting them together. Generally this is achieved through bolting but sometimes site welding is used.

**CNC CUTTING SHEETS:-**

GFPL have a CNC machine by which we are cutting profile sheet/ plates of industrial purpose. A CNC machine is a motorized manoeuverable tool and often a motorized maneuverable platform, which are both controlled by a computer, according to specific input instructions.

**COLLAPSIBLE GATES:-**

GFPL is Manufacturing/fabricating Collapsible gates on large scales of house, Ware houses, Godown, Industries and so on.

The collapsible door is one which can be opened or closed by slight pull or push. This door is used where the width of the door is large and space is insufficient to provide two-leafed hinged shutters to open: This door is fabricated from thin mild steel sections.

**ROLLING SHUTTER:-**

Powder coated / GI Shutter

* + Automated
  + Manual
  + Geared

**INDUSTRIAL GOODS LIFT:-**

We are one of the prominent manufacturers and suppliers of a wide range of Industrial Goods Lifts. Manufactured using high-grade of raw material. These lifts are safe and easy to use. The lifts offered by us are used to lift heavy and light material. Owing to their ability to withstand load, optimum performance and negligible maintenance, these lifts are widely demanded by the clients. Clients can avail these lifts in various specifications to meet the variegated requirements of our clients.

**SLIDING GATES:-**

Sliding gates most commonly used when other gate installations aren't possible, Sliding gates are great if you have limited space and rough ground. Rather than having a gate that opens inwards or outwards. Sliding gates either run on tracks or a trackless cantilever system.

The main benefit of swinging gates is the fact they're incredibly low-maintenance, particularly if it's a manual gate. Unlike other gate types, swing gates involve no motor or electronics, which make them really easy to use. They can be automated if required. They're also cheaper than sliding gates.

GFPL is manufacturer of all types of sliding and swinging gates in Raipur (C.G.)

**LGFS (LIGHT GAUGE FRAMING SYSTEM):-**

GFPL introducing Light Gauge Framing Structure which have the self-weight of the structure which is a small portion of the applied load or generated forces Lightweight structures often utilize lightweight and high-strength materials as well as advanced technologies for their design and construction.

Typical lightweight structures include cable, membrane, shell and folded structures as well as space grids, braced vaults and domes, arched, stayed and trussed systems.

Materials are commonly galvanized C and Z purlin. RHS-SHS IS section, PVC coated polyester fabrics as well as PTFE coated glass.

Application of Light weight structures are widely employed in architecture, engineering and building construction and find application in long span roofs for stadiums and exhibition structures, covered shopping malls, entrance structures, poultry farm, signature structures and sculptures as well as shade and environmental protection canopies.

Normally the self-weight of the structure is a small portion of the applied load or generated forces. Lightweight structures often utilize lightweight and high-strength materials as well as advanced technologies for their design and construction. For many forms the surface is prestressed and this results in doubly curved shapes requiring specialized cutting patterns and care during erection. They are recognized character. for their aesthetic appearance and their innovative character.

**ROOFING SHEET ROOF:-**

**Roof Sheets are Cold Formed with Minimum yield strength of 550 MPA**

Roofing Sheets & Wall cladding systems made of metal sheets are used for structurally engineered Pre-engineered building solutions. They are available up to 12m+ in single length and are fixed through self-drilling with fasteners. They are applied for roof slopes as low as 1:20 and are applied as internal lines for double skin roof & wall construction with or without insulation. They can also be curved to attain aesthetic architectural look.

**BASE MATERIAL**

Color Coated Galvalume As per IS 513(AZ 150) Thickness-0.4 to 0.8mm

Bare Galvalume As per IS 513 Thickness-0.4 to 0.8mm

Color Coated Galvalume As per IS 277(120gsm) Thickness-0.5 to 0.8mm

**COATING SYSTEMS**

RMP(Regular Modified Polyester)

SDP(Super Durable Polyester)

SMP(Silicon Modified Polyester)

PVDF(Polyvinylidene Fluoride Polyester)

**SECONDARY FRAMING SYSTEMS:-**

Z C

Secondary members are composed of roof purlins, wall grits, eave struts & roofing sheets Roof Purlins, wall grits & struts are forms of z-purlins, c-purlins and hollow sections, 2-purlins & c-purlins are cold formed steel members having a minimum yield strength of 345 MPA with Zinc coating (120/180/275gsm)

**EOT CRANES:-**

**SINGLE GIRDER BRIDGE CRANES:-**

On a single girder crane, the bridge consists of one girder beam supported on each side by an end truck. The trolley and hoist are most commonly underhung - meaning they run on the bottom flange of the bridge. The bridge itself can either be on top running or under running in design, if properly designed, a single girder crane can be the perfect solution for a business that needs a light to medium duty crane or for a facility where headroom or floor space is limited. Single girder bridge cranes are often the most cost-effective lifting solution for various applications and Industries. Also, because they only require one bridge beam, these systems typically have less deadweight, meaning they can utilize lighter runway systems and tie into the existing building support structure. Note: You will rarely see a single girder crane rated higher than 15-tons.

**Advantages of a Single Girder Design:**

* Less expensive due to a simpler trolley design, reduced freight costs, simplified and faster installations, and less material for the bridge and runway beams.
* Most economical option for light to medium-duty cranes.
* Lower loads on the building structure of foundations due to a reduced deadweight. In many cases, it can be supported deadweight. In many cases, it can be supported by existing roof structure without the use of additional support columns.
* Better hook approach for both trolley travel and bridge travel.
* Easier to install, service and maintain.
* Ideal for workshops, warehouses, material yards, and manufacturing and production facilities.
* Lighter load on runway rails or beams means less wear on the beams and end truck wheels over time Great for facilities with low headroom.

**DOUBLE GIRDER BRIDGE CRANES:-**

Double girder bridge cranes can be either on top running or under running in design. A top running double girder bridge crane will provide the most overhead room, as well as the greatest hook height. Double girder bridge cranes are recommended for heavy-duty applications where the crane has to handle heavier capacities and longer spans. Because of this, the components of the crane system including the hoist and trolley are more complex in design-making double girder cranes more expensive than a single girder crane. Double girder bridge cranes are ideal for lifting heavy loads and can be used in more frequent operation than a single girder crane. They can also be used both indoors and outdoors, in a bridge or gantry setup and are frequently used in mining, iron and steel production, rail yards, and shipping ports.

**Advantages of a Double Girder Design:**

* Greater hook height How far above the floor the hoist will lift ? (typically 18-36" more than single girder).
* No limits to maximum span or capacity.
* Idea I for production and transportation of heavy equipment.
* Idea I for frequent lifting of heavy loads.
* Added features like walkways and maintenance platforms, cabs, magnetic reels, and lights can be added and supported by a double girder design.
* Can be used in indoor and outdoor applications, including mining, iron and steel, rail yards, and ports.

**UNDER SLUNG OVERHEAD CRANES:-**

An under running crane, are commonly referred to as an "under hung" crane. It uses wheels that are supported by the bottom flange of the runway beam to move the bridge up and down the runway. Under running cranes are most commonly configured in a single girder design for lighter service and lower-capacity applications. They can also be built in a double girder design for higher capacities but it can become impractical and expensive to design and engineer. These under hung types of cranes can allow you to maximize your facility's to floor space for production and storage of material because they are most commonly supported from the existing ceiling trusses or the roof structure. Under hung cranes also offer excellent side approach and maximize utilization of the building's width and height when supported by roof or ceiling structures. They're ideal for facilities that lack vertical clearance to install a top-running overhead crane system.

**Advantages of an Under Running Overhead Crane:**

* Typical Load Capacity: 1/4-ton to 15-tons.
* Typical Span: Under 65 feet.
* Typical Service: Light to medium duty.
* Common Applications: Assembly. Fabrication shops, Maintenance buildings and Manufacturing facilities.
* Maximizes floor space if supported by existing ceiling trusses or roof structure.
* Reduces material costs if no runway support columns are needed.
* Increased end hook approach and bridge beam and hoist are underneath runway beams.

**GANTRY/GOLIATH CRANES:-**

A gantry crane is a type of overhead crane with a single or double girder configuration supported by freestanding legs that move on wheels or along a track or rail system. Gantry cranes are usually considered when there is a reason not to incorporate an overhead runway system. These are typically used for an outdoor application or below an existing overhead bridge crane system. Unlike a bridge crane, a gantry crane does not need to be tied into a building's support structure eliminating the need for permanent runway beams and support columns. In some cases, this can result in a significant reduction in material costs and can be a more cost-effective solution compared to a similarly specified bridge crane. Larger gantry systems may run on a rail or track embedded in the ground, typically in a straight line in a dedicated work area. Smaller portable gantry systems run on castors or wheels and can be moved about a facility for maintenance or light fabrication work.

**Advantages of a Gantry Crane:**

* Mobility: Unlike other cranes that are mounted, gantry cranes are moveable.
* Capacity strength: Gantry cranes can lift tremendous weight, up to 15 tons.
* Custom Heights: You can adjust where the lifts are in terms of adjustable height.
* **CONTACT US:-**

### Get in tune with us

### Maa Banjari Vyapar Vihar, Industrial Area, Rawabhata, Birgaon, Raipur (CG) Pincode-493221

### E-mail- info@girishfabricators.com

### +91-9111485999,+91-91114-81999

### SITE MAP

### http://www.girishfabricators.com/images/f-logo.png

### Girish Fabricators

### Girish Fabricators Pvt. Ltd. Provides solution for high-quality, cost-effective metal Fabricators and installation.

### QUICK LINKS

### Home

### About Us

### Our Products

### Our Services

### Enquiry

### Career

### Contact Us

### SERVICES

### Structure Work (PEB, Roofing & Sheets)

### Poly Carbonate Roofing & Dome Making

### Designer Grills

### Gates (Collapsible, Swing & Slider)

### Rolling Shutter (Automated,Gear & Manual)

### All Type of Fabrication Works

### JCB available on Hire/Rental

### Crane available on Hire/Rental

### Shed Repairing & Maintenance

### Machine Repairing & Maintenance

### EOT Crane Manufacturing

### Industrial Goods Lift

### 

### 

### CONTACT INFO

### Maa Banjari Vyapar Vihar, Industrial Area, Rawabhata, Birgaon, Raipur (CG) Pincode-493221

### +91-9111485999

### +91-91114-81999

### Email: info@girishfabricators.com

### enquiry@girishfabricators.com

### 