



PRE ENGINEERING BUILDING & COMPONENTS

www.megainfratech.net



Design supply & erection of Pre Engineered Building (P.E.B.) and all kind of Steel Structures, Cold Storage, Ware Houses / Industrial Sheds, Mezzanine Floors, etc.



Customer Focus

At Mega Infratech, we have well trained professionals who strive hard to meet our customer requirements & involves products and services to be developed around customer's preferences. To Satisfy him in all respect.



Excellent

At Mega Infratech, we use best quality of materials as per Industrial standards ensuring quality output & Developing and Strengthening the management systems and processes of an organization to improve performance and create value for Customer.



Integrity

We Construct Steel Building in India & Integrate the Nation. It is the practice of being honest and showing a consistent and Uncompromising adherence to strong moral and ethical principles and values.



Planning

In Our Company It is the process of thinking before doing. Utilising human resources and opportunities to reach the expected outcome. It is the process of defining a company's reason for existing, setting goals aimed at realizing full potential, and creating increasingly discrete tasks to meet those goals.

About Our Company

Mega Infratech established with an objective to provide QUALITY and COST EFFECTIVE solution to their valued customers. Mega Infratech having large experience of PEB building installation work.

We are ISO 9001:2015 Certified company with its Head office in Lucknow.

Core team member of Mega Infratech having 10-15 year experience In pre-engineered building . we have experience of designing, manufacturing and installation of every type of complex building and delivered successfully a perfect desired Pre-Engineered Building. We believe in deliver best in class service to our client.

Mega InfraTech is with its clear vision and work ethics serves as a reliable name in the northern part of the country as a PEB supplier. We are acknowledged as highly competitive in the market due to various factors like high technical competence, standardization and modularization. PEB designed by our expert team is thoroughly checked on the parameters like dimensions, sturdiness and durability, provided as per the set industry norms and guidelines.

One of the leading players in North India we have completed many prestigious industrial projects, making our name in infrastructure development and steel industry. Everything is done as per the standards of the pre-engineering constructions. The services that we offer are of industrial ethics and norms. We take pride in being the promising entity to our customers.



Our Product Range

Our pre-engineered building system is unmatched in its speed and value.

Buildings, to suit specific needs, are designed, engineered, manufactured and **shipped in less than 6-8 weeks** and at a cost that is as low as 30% of the cost of conventional steel buildings (when compared to speed of occupancy and space usability).



Pre Engineered Building



Warehouse Shed



Roofing & Cladding



Z & C Purlins



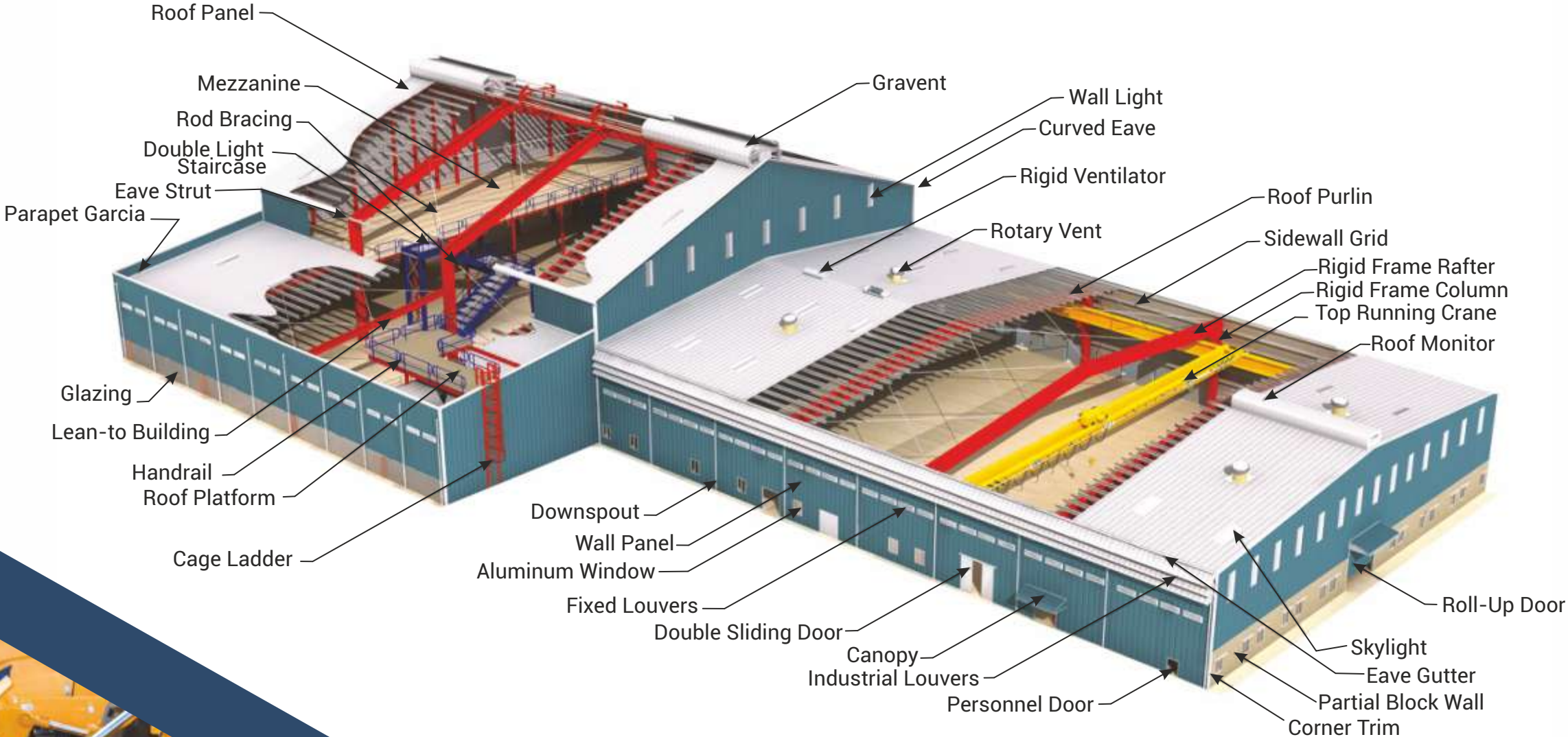
Mezzanine Structure



Pre Fab Sheds



Pre Engineering Building & Components



Pre-Engineered Building Structure

We are renowned as a leading name, engaged in design, supply & erection of excellent Pre-engineering Building Structure. Our qualitative range is fabricated from high grade raw material which is sourced from reliable vendors. Further, our team of quality experts stringently inspects entire range on various quality parameters. Due to its sturdy construction, high durability, dimensional accuracy, unique design and superior quality, our offered product range is widely used in industrial, institutional, commercial, heavy industries, etc.

Advantages

- 100% salvage value
- Easily relocatable
- No welding at site is required
- Safe for industries where welding inside plant is prohibited
- Timeliness
- The "Rigid Frame" assembly is the most common frame used in pre-engineered buildings

Features

- No welding is required at site
- These sheds can be resold
- Dispensable and relocatable
- Aesthetically superior and most economical
- Time saving in completion of project

Applications

- Workshops
- Warehouses
- Industrial Sheds
- Factory Sheds
- Gymnasium
- Roofing Systems
- Site Offices
- Green Houses
- Sports Complex
- Commercial Showrooms

Available Finish

- Cold Rolled (CR)
- Galvanized
- Both side primer coated (Galvanized)
- Pre coated galvanized under side giving durable and attractive appearance and minimum future maintenance

Warehouse

When companies need an extremely large building for commercial storage that offers ease of entry and exit for multiple vehicles, the ability to store thousands of products easily and move pallets in and out without delay or confusion, they typically turn to prefab steel warehouses because steel is far superior to any other construction material.

The Benefits of Prefab Steel Warehouses

- Clear Span Construction
- Customizable
- Affordable
- Sturdy & Safer
- Easy Construction
- Low Maintenance



Roofing & Cladding

Roofing is a vital part of any building which protects the whole building, the men and machine under it against all-weather condition of high wind, rain, water, sound, heat & Mega Infratech understands each type of customers specific needs & accordingly offers right kind of roofing solution.



ROOFING

We offer a wide variety of World class Metal Roof Systems; We offer 3 distinctive types of profile systems made of Prepainted Galvanized Steel, High Tensile Galvalume and Color coated Galvalume(550 Pma).

Our wall Cladding profiles are produced in wide range that meet the customer's needs to create energy-efficient and beautiful buildings. Our profiles are economical in both new buildings and renovation, you are sure to find the right product for your project.



CLADDING

Panels used for sheeting purpose are generally of ribbed steel sheets used as roof and wall sheeting, roof and wall liners, partition and soft sheeting.

Sheets used by Mega Infratech are of 0.47mm, 0.5mm, 0.55mm thickness and have minimum yield strength of 345 MPa. Steel panels are hot dipped and galvanized with zinc or zinc-aluminium coating

Purlins

Our purlins girts & eave struts are secondary structural members used to support the wall and roof panels. These purlins are used on the roof, girts are used on the walls, and eave struts at the intersection of sidewalls and roofs.

These Purlins, girts, and eave struts are designed following the American Iron and Steel Institute (AISI) then cold-formed design manual.

These sections may be used over single spans unlapped continuously and lapped continuous span in multi-bay buildings. Our Z&C purlins are available in two Standard Finishes i.e., Red Oxide, Galvanized.



Skylight, Wall Light & Polycarbonate Sheet

Our Polycarbonate sheets for Sky & Wall Light are environment friendly green global product. Strip lights can be combined into any architectural structure. It can be used in all buildings to ensure uniform lighting. Light transmission is 40% to 72% in embossed and 40% to 90% in solid compact sheet.

Advantage

Provides sufficient daylight & reduces electricity costs. Sheets are extreme weather proof and sun proof generally acid resistant easy to install and easy to cut and drill Very cost effective & Light can be reached in center of big spans Corridors & Arcades.



Mezzanine

Mezzanine Building Use: Commercial, Office, Industrial & Residential

It can be designed for various loads starting from 250 Kg/Sqm. up to 2000 Kg/Sqm. covering all offices and heavy structures. We can provide pre-engineered building from one floor to multi level Mezzanine floors. Mezzanine can be opted with deck sheeting or checkered plates. The floor is constituted by deck sheet onto which layer of concrete is poured. The sheet is bonded to the concrete by means of moldings on the sheet which stop the concrete from slipping horizontally and detaching vertically.



Stage 1: When the concrete is poured and until it has reached an appropriate level of hardening, the weight of the concrete, personnel working and equipment used are borne by the sheet alone.

Stage 2: Once the concrete has hardened, the sheet and the concrete form a unified bond with all the characteristics of traditional reinforced concrete, where the sheet after having performed the function of frame work, acts as a metal reinforcement. Appropriate crop ends must be provided to absorb the negative moments.

Decking Sheet

Decking profile sheets are widely used for composite floor system and in many cases as the permanent form work. These sheets are used as the floor of high buildings by saving both the steel quantity and extra save cost. These light in weight durable profile sheets due to their excellent anti-earthquake capabilities are not prone to damage during earthquakes.



Pre-Fabricated Structure

Pre-fabricated structures are light weight, durable, economical, re-locatable & energy efficient, thus these buildings are in huge demand and have been favored as an alternative to conventional building. Sturdy construction & innovative design makes these buildings earthquake resistant, leak proof & able to withstand any adverse conditions without compromising on building aesthetics.



PRE FAB CAR SHOWROOM & SERVICE CENTER

Building a showroom from traditional construction materials can be time-consuming and costly, though. Additionally, the columns required to support the structure may ruin sightlines.

Create open, expansive spaces where the latest cars and trucks can be displayed or do there Service Work with support from Mega Infratech. We manufacture pre-engineered steel building showrooms & Service Centre tailored to the needs of automakers and their dealership partners.



PRE ENGINEERED SPORTS COMPLEX

We custom design durable prefabricated sports complexes to cater to this industry. The structures are made according to the budget. Our prefabricated sports buildings is built to give you everything you're you need at a cost effective price without compromising on the construction.

Mega Infratech Provides an **unobstructed view** to your building either its Badminton Court /Volleyball Court, Jim, Auditorium, Indore Stadium or an entertainment venue. Mega Infratech Pre Engineered Sports Buildings perform exceptionally well. The larger spans allow for configurations that meet the various needs without interior columns to meet any architectural vision.

Insulation

We offer Roofing Insulations, these roofing insulations are highly durable, weather & corrosion resistant, cost effective, low maintenance and safe.

GLASS WOOL INSULATIONS



Mega Infratech provide roofing insulation material including Glass Wool with or without Foil in various thickness and density to get the maximum Thermal Insulation. The Fiber glass wool range offered by us are developed by using quality tested glass fibers, and are continuously improved using the expertise of our team of engineers.

POLYNUM & BUBBLE WRAP INSULATION



Polynum Insulation Sheets consist two layers of air bubble film laminated with one side aluminum foil and Polyvinyl film on another side. The material provides excellent insulation: reflects up to 97% of radiant energy in addition to resisting other types of heat transfer from conduction, convection and radiation.

ROOF & WALL PUFF PANELS



Owing to the immense experience and a competent team of experts, we are able to offer Roof & Wall puff panel. Those puff panels suits for requirements of pharma and cold storage and other controlled temperature applications

Features

- High thermal insulation strength
- Toughness
- Durability
- Can be available in various thickness & densities
- Fungus and pest resistant

Ventilators

Mega Infratech have gained recognition as an eminent manufacturer, exporter and supplier of a flawless range of Ventilators. This range includes Turbo Ventilators and Ridge Ventilators. We fabricate our offered product range using quality tested raw material and advanced technology. Further, our team of experts strives hard in order to develop these products in compliance with set industry standards. These ventilators are widely used in various industries and are available at affordable rates.



TURBO VENTILATORS

By keeping track with market development, we are involved in manufacturing, exporting and supplying a wide range of Turbo Ventilators. These ventilators are fabricated from premium quality raw material procured from reliable vendors. Further, our team of experts closely inspects the entire production process in order to eradicate all the flaws from the end product. Owing to its optimum quality and reliable functionality, it provides safe cool and healthier environment by removing the entrapped heat and emission. These ventilators are available in various specifications.



RIDGE VENTILATORS

Mega Infratech is an affluent name engaged in manufacturing, exporting and supplying an excellent range of Ridge Ventilators. Manufactured using premium quality raw material that is sourced from reliable vendors of the market, our offered range is in compliance with set industry standards. Further, it is developed using hi-tech machines and equipment. Available in varied design at affordable rates, these ventilators are in huge demand.

Features

- Withstand wind speed up to 120/hr
- Does not require energy sources like electricity, generator, UPS and battery back up
- Based on the free-floating concept
- In-built heat and friction resistant Teflon cap that provides a near friction free motion

Structural Accessories



Staircase



Fascia



Cage Ladder



Fixed Louvers



Canopy



Roof Monitors

Cranes Systems

A crane system greatly improves the material handling productivity within a building, promotes safety, and allows more efficient utilization of space by reducing or eliminating traffic due to forklifts and side loaders.

The most common type of overhead crane in PEB'S is the overhead Top Running Crane. Buildings with Top Running Cranes are normally supplied with column crane runway beams and crane brackets.

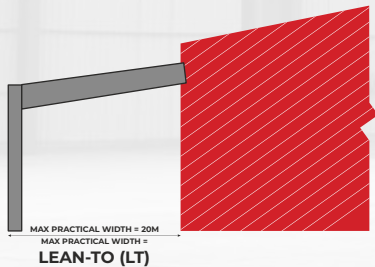
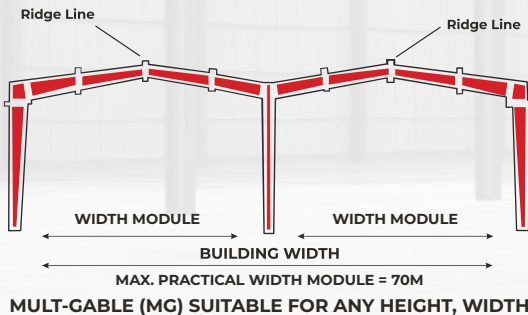
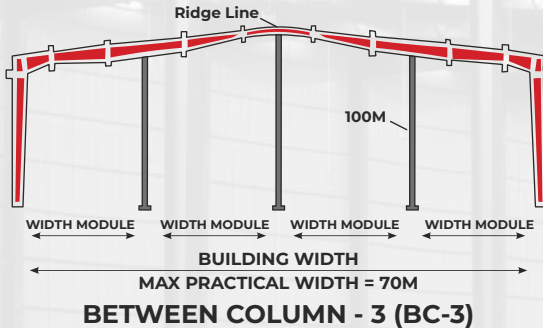
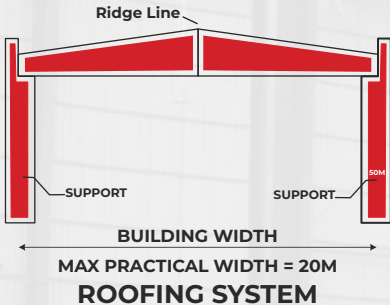
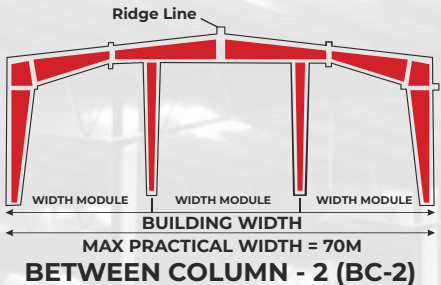
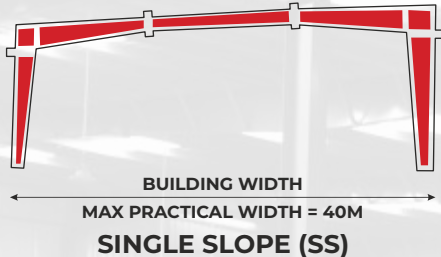
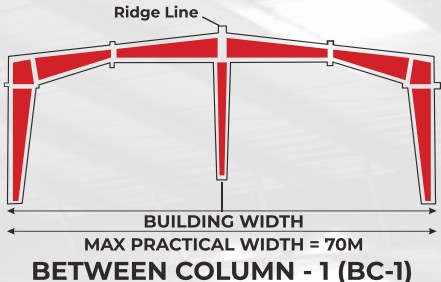
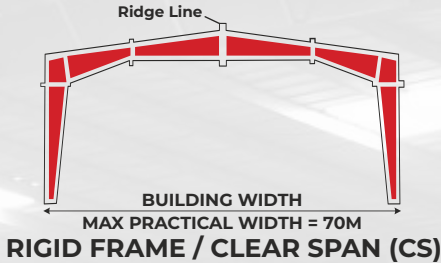


The most common types of crane systems in pre-engineered steel buildings are:

- **Top running cranes**
- **Under-hung cranes**
- **Monorail cranes**
- **JIB cranes**
- **Gantry cranes**
- **Semi-gantry cranes**

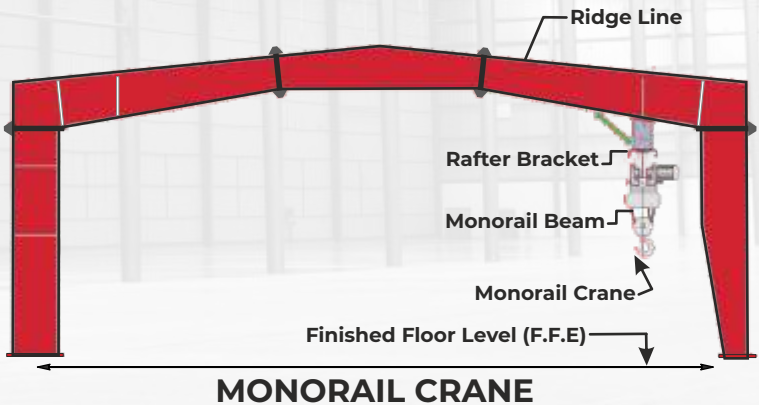
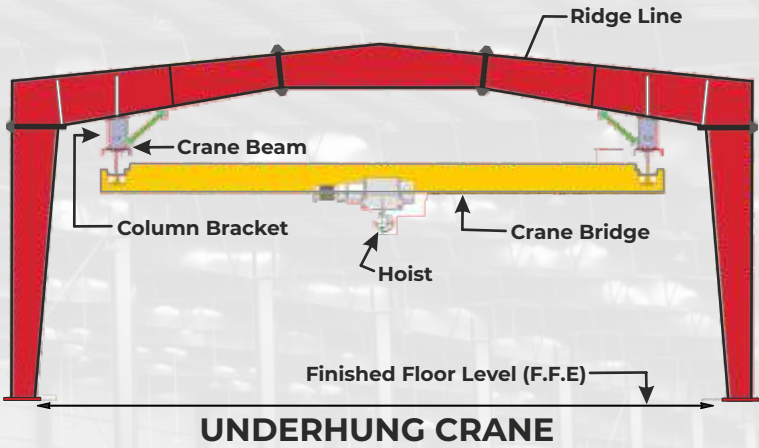
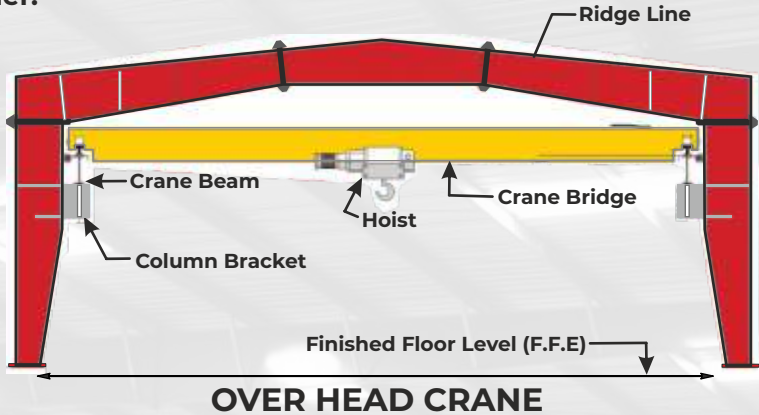
PEB Frame Type

We provide optimum size primary framing to give the building economy as well as the stability. Columns are being introduced as per requirement for increasing building width. Some of the frames are as given below.



Crane Structure

When a crane system is required in a Mega Infratech structural steel buildings, we normally supply column or rafter brackets and the crane runway beam that support the crane system. We design the crane system after understanding the complete requirements of the customer.



Porta Cabins & Containers

Portable cabins are custom-built prefabricated buildings manufactured for various applications such as security cabin, storage container, portable toilet, site office, etc. Porta cabins are an economical alternative to traditional buildings, and also they provide a flexible solution where accommodation is needed for a few time periods. These cabins are easy to install and can be transported from one location to another. Portable cabins are light-weight, durable and waterproof.



- **High tolerance, corrosion resistance and durability**
- **Energy Efficient Roofing and Wall Systems.**

- **Aesthetically designed – does not require finishing touch**
- **High resistance to natural disasters and weatherproof**

Site Fabrication

With our in-depth knowledge and experience of this industry, we are engaged in offering an excellent range of Pipe Truss Shed. Manufactured using top notch grade raw material and progressive technology, these are designed in tune with the set international standards. These are widely admired.

We are the renowned organization to offer our precious clients an excellent quality Shed Fabrication Work. Our provided service is performed by our highly experienced experts in the best possible manner. Our adept professionals make plans as per the specifications of our valuable clients. Further, the offered service is executed in accordance with the set quality standards. To perform this service, we use modern technology and optimum quality machines and tools. The offered service is widely appreciated by our clients owing to its promptness and flawlessness.



Action Shoes - Haridwar



Falcon Tools - Ludhiana



Asian Paints - Kanpur



Unique Carrier - Ludhiana

Gagan Aggrawal - Allabhad



Maheash Namkeen-Lucknow



Pragati Chemicals - Ranchi



Dayal Fertilizers - Lucknow



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**We Always Deliver More
Expeted For Business
Both Large & Small**