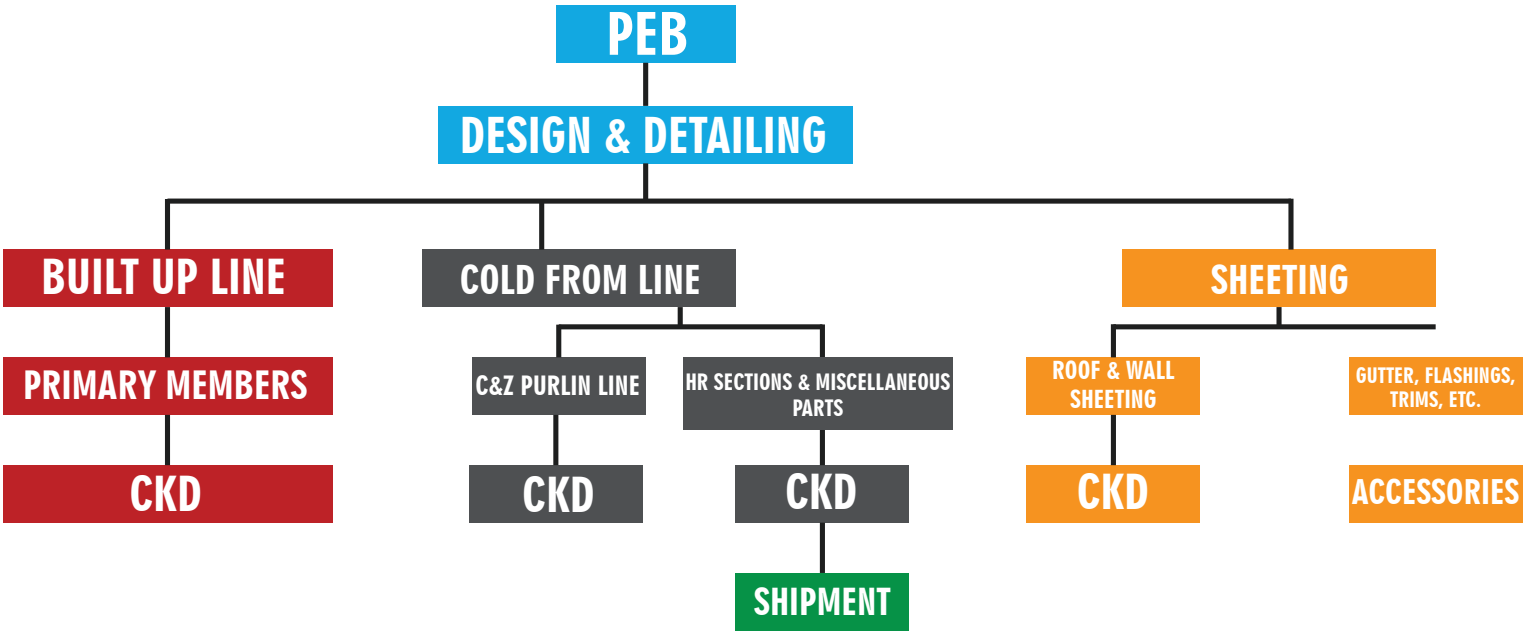
HORIZON

Creating Value...

HORIZON FABTECH INFRA PVT. LTD.

Certified ISO 9001:2015

STRUCTURING BEYOND POSSIBILITIES



Horizon Fabtech Infra Pvt. Ltd provides cost effective turnkey solutions to the customers for Pre-Engineered Metal Buildings & Heavy Industrial Steel Structures. The Company is into design and manufacturing of Pre-Engineered Metal Buildings conforming to international quality standards. Every metal building is designed for the customer's use, loads, size and to meet the requirements of the project's location for rain, wind, snow and seismic coding.

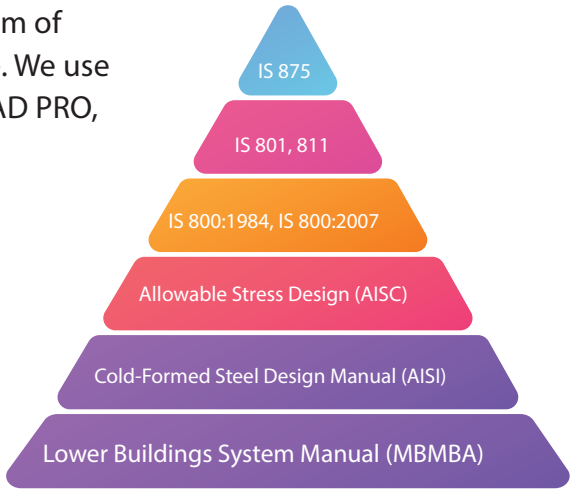
Entered into Pre-engineered Steel Building sector with a vision to offer cost effective, high quality and high-tech building solutions. A pioneer in Pre-Engineered Steel Bulding (PEB), Horizon Fabtech Infra Pvt. Ltd. has set its fully operational plant in Wada (Maharashtra) having manufacturing facility spread over 100000 sqft. It has the latest technology and the most modern machinery equipped with CNC Plasma cutting, automatic H-beam welding lines, CNC punching and CNC Cold forming machine.

Being a premier organisation in the PEB sector, Horizon Fabtech Infra Pvt. Ltd. Ensures quality, cost effectiveness timeliness of delivery and customer satisfaction. Because of these factors, a number of clients have reposed their trust in Horizon Fabtech and the company is committed to live up to the expectations of its clients.

HORIZON FABTECH

A Glimpse into creation of masterworks

Horizon Fabtech Infra Pvt. Ltd. has a designing and engineering team of experienced professionals equipped with latest designing software. We use PEB platform software with various conventional software like STAAD PRO, ETABS and various 3D detailing software. The Engineering Department with computerized drafting & detailing simplify manufacturing program & erection methods. Various standardized connection are used to enable for design, accurate manufacturing and quality erection which reduces chances of errors drastically. All buildings are designed and erected in accordance with the indian & American standards for applicable load. Buildings are designed and manufactured in accordance with latest editions of the codes as shown.



PRE-ENGINEERED BUILDINGS

REDUCED CONSTRUCTION TIME

Buildings are typically delivered in just a few weeks as per approval of drawings. Foundation and anchor bolts are casted parallel and made ready for the site bolting. Our study shows that in india the use of PEB will reduce the total construction time of the project by at least 50%. This also allows faster occupancy and earlier realization of revenue.

LOWER COST

Due to the system approach, there is a significant saving in design, manufacturing and on site erection cost. The secondary members and cladding nest together reduces transportation cost.

FLEXIBILITY OF EXPANSION

Buildings can be easily expanded in length by adding additional bays. Also expansion in width and height is possible by pre designing for future expansion.

QUALITY CONTROL

As buildings are manufactured completely in the factory under controlled conditions the quality is assured.

LARGE CLEAR SPANS

Buildings can be supplied to around 80M clear spans.

LOW MAINTENANCE

Buildings are supplied with high quality paint systems for cladding and steel to suit ambient conditions at the site, which results in longer durability and low maintenance costs.

ENERGY EFFICIENT ROOFING & WALL SYSTEMS

Buildings can be supplied with polyurethane insulated panels or fibreglass blankets insulation to achieve required "U" values.

ARCHITECTURAL VERSATILITY

Building can be supplied with various types of fascias, canopies, and curved eaves and are designed to suit pre cast concrete wall panels, curtain walls, block walls and other wall systems.

SINGLE SOURCE RESPONSIBLITY

As the complete building package is supplied by a single vendor, the compatilbity of all the building components and accessories is assured. This is one of the major benefits of the pre-engineered building systems.

We make the design calculations comprehnsive and easy to understand by conventional designers, so that the concept, design, manufacturing and erection process is easily

MANUFACTURING

Horizon Fabtech Infra Pvt. Ltd. is commited to design, Manufacture and installation of Pre-Engineered Steel Buildings which are 100% Custom Built and designed in accordance with sound principles of engineering using computer-aidded designing.

Horizon Fabtech utilizes programs with Highest Precision and Highest quality of Fabrication to meet the structural Requirements of Pre-Engineered Steel Building System. Its manufacturing facility is located in the industrial belt of Thane (Maharahtra, India)

Special equipements deployed & special measures adopted for producing quality steel systems, the following equipements are used by us:

- **Fully automated plasma and oxy-acetylene cutting lines/shearing machine.**
- **Automatic continuous submerged arch welding machines.**
- **C/Z Cold Forming line.**
- **CNC Punching and Drilling machines.**
- **Multiple Sheet Profiling Lines.**
- **Bending Machine.**
- **Beam welding machine.**
- **All Structural components required to complete steel systems are produced in-house.**
- **Stringnent Quality control procedures followed as per ISO standards.**
- **Inventory of all major raw materials maintained in house.**
- **In house QC checking of incoming & finished product.**

BASIC BUILDING PARAMETERS

The basic parameters that define a pr-engineered building are: Building Width, Height, Roof Slope, End bay length, interior bay length and Design Loads.

BUILDING WIDTH

No matter what primary framing system is used, the building width is defined as the distance from outside of eave strut of the opposite sidewall. Building width does not include the width of lean- To buildings or roof extensions.

BUILDING LENGTH

The longitudinal length of the building measured from out to out of end wall steel lines.

BUILDING HEIGHT

Building height is the eave height which usually is the distance from the bottom of the main frame column base plate to the top outer point of the eave strut. when columns are recessed or elevated from finished floor, eave height is the distance from finished floor level to top of eave strut.

ROOF SLOPE (X/10)

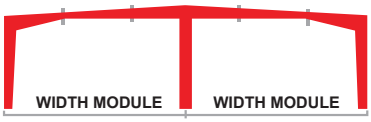
This is the angle of the roof with respect to the horizontal. the most common roof slopes are 0.5/10 and 1/10. Any practical roof slope is possible.

END BAY LENGTH

The distance from outside of the outer flange of the end wall columns to center line of the first interiors frame column.

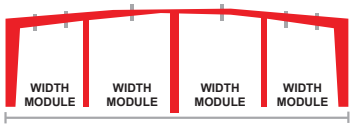
INTERIOR BAY LENGTH

The distance between the center lines of two adjacent interior main frame columns. The most common bay lengths are 6m, 7.5m and 9m



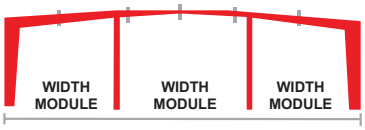
BUILDING WIDTH
MAX. PRACTICAL WIDTH - 70 Mtr
MULTI SPAN "1" (TCMS-1)

MAX. PRACTICAL WIDTH - 80 Mtr.
MULTI SPAN "1" (TCCS)

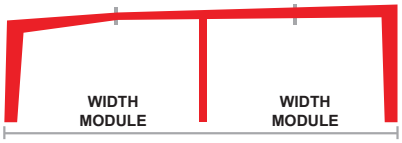


BUILDING WIDTH
MAX. PRACTICAL WIDTH - 70 Mtr.
MULTI SPAN "3" (MS-3)

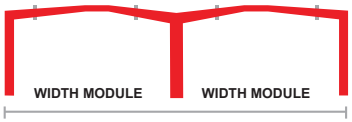
MAX. PRACTICAL WIDTH - 50 Mtr.
SINGLE SLOPE (SCPS)



BUILDING WIDTH
MAX. PRACTICAL WIDTH - 70Mtr
MULTI SPAN "2" (TCMS-2)



MAX. PRACTICAL WIDTH
MULTI SPAN "2" (MS-2)



BUILDING WIDTH
MAX. PRACTICAL WIDTH - Mtr
MULTI GABLE (MG)

MAX. PRACTICAL WIDTH - 30 MTR
RAFTER SYSTEM

We are one of the india's prominent and fast growing Heavy steel fabrication unit, providing engineering solutions to a multitude of competent players across india.

THE APPLICATION. THE ADMIRATION

- FACTORIES
- WAREHOUSES
- SPORTS HALLS
- AIRCRAFT HANGERS
- SUPERMARKETS
- COLD STORES
- VEHICLE PARKING SHEDS
- HOUSES & LIVING SHELTERS
- COMMERCIAL SHOWROOMS
- DISTRIBUTION CENTERS
- RAILWAY PLATFORM
- SHELTERS
- CEMENT PLANTS
- CERAMIC FACTORIES
- SWIMMING POOL
- ENCLOSURES
- OFFICE BUILDINGS
- SERVICE BUILDINGS
- LABOR CAMPS
- PETROL PUMPS
- SCHOOLS
- EXHIBITION HALLS
- AUDITORIUMS
- SHOPPING MALLS
- STEEL ROLLING MILLS
- SUGAR MILLS
- COMMUNITY CENTERS
- RESTAURANTS
- EQUIPMENT HOUSING
- POULTRY-DAIRY FARMS





- Complete Building solutions under one roof (including Roof and side Cladding and all accessories)- Conceptualization, designing, enginering, detailing, fabrication, supply and erection towards completion of the project.

- Ultramodern machineries and efficient management system to ensure reduced construction time and fastest deliveries.

- State-of-the-art design departments to continuously innovate on designs of various structure/buildings, headed by highly experienced structural engineer in PEB.

- Building designing on world's most advanced PEB integration platform

- Usage of Galvanized Purlins to save erection time, reduce buildings maintenance cost and avoid herculean task of repainting of purlins.

- Best communication tools to give better service to client.

- State of the art fabrication facility that integrates CNC manufacturing equipment on the shop floor minimizing the need of manual interface in order to reduce errors.

- Automated continuous submerged arc welding facility for main frame welding.

- An ISO 9001:2015 certified Organization- maintains World Class Quality Standards with timely delivery.

OUR WORK & CLIENTS

Gyproc SAINT-GOBAIN

ANTARIKSH GROUP

JSW

HARSCO RAIL
Enabling Technology in Motion

MP BIRLA GROUP
BIRLA CABLE LIMITED

AIS
Asahi India Glass Ltd.

JB
Jubilee Bottlers Pvt. Ltd.

L&T

DESIGN SANYOJAKA

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