



SAHARA STRUCTURES

pre-engineered building solution

**MAKE THE BEST
DECISION FOR**

YOUR DREAM PROJECT



Who We Are

SAHARA STRUCTURE is a trusted name in India in the field of Pre-Engineered Building solutions. SAHARA STRUCTURES is a trusted name in India in the field of Pre-Engineered Metal Building Systems (PEB), one of the fastest growing building systems in India and the most-adapted all over the world.

SAHARA STRUCTURES offers total turnkey steel construction solutions ranging from designing, manufacturing to on-site erection along with maintenance and after sales services, all under one roof, thus ensuring best price, faster delivery and better quality-control at every stage of the process.

“Quality workmanship done right the first time.”

About Us

The complete Pre-Engineered
Building Solution

WHAT WE DO

THE DOMAINS WE HAVE CATERED

Factory buildings and Godowns, Airports, Barracks, Textile Park, Multi-storey Buildings, Cyclone Shelter, Space frame, Structures, Warehouses, Food park, Cold Storage, Toll Plaza, Food Grain Godown, Hotels, Aircraft Shelter, Stadium, Aircraft, Hanger, Automobile Hub, Educational Institute, All Industrial Structures, Auditorium



OUR SERVICES

Sahara is a leading designer, manufacturer, supplier and erector of plated portal Pre-engineered Metal Buildings (PEB) in India. We deal in PEBs made of steel that are entirely factory manufactured post designing. Their erection involves the assembling of all the components and the use of bolts on-site, which is extremely time-saving. PEB encompasses all types of constructions, including shopping malls, factories, showrooms, godowns, auditorium, sports complexes, and even community centers.



**Pre
Engineered**
Steel Building

Benefits Of *PEB*

- ◆ Functionally versatile: The clear-span is larger. They range from 40M and above. They have a long bay spacing, which helps in reducing the total number of columns and foundations.
- ◆ Architecturally flexible: PEBs offer better systems of metal cladding, and hence, are the perfect choice for aesthetically superior building structures.
- ◆ Easy to erect: All the components are field bolted, and therefore, PEBs facilitate fast erection and very easy setting up of multi-deck structures.
- ◆ Superior quality: PEBs are earthquake resistant.
- ◆ Easy maintenance: They gather less dust and are easy to maintain.



EASY INSTALLATION



LONG LIFE



COST EFFECTIVE





OUR SERVICES

Space Frame Structures

At Sahara, our Space Frame Structures are as versatile as our vision. We own a robust experience of designing and executing a plenty of prestigious projects of space frame structures. These include both simple and intricate projects ranging from bus shelters to stadiums. Space Frames are generally pantographic 3-D skeletal frameworks that comprise of pin-connected members. They fall under the category of Pre-engineered Steel Structures (PEBs), which are interlinked grids of a single, double or multi layer. These grids assist in the 3-D load sharing within the framework.



INDUSTRIAL BUILDING

- ◆ Construction is quicker and easier.
- ◆ Layouts are flexible.
- ◆ Construction processes are more economic.
- ◆ The structure bears seismic resistance.
- ◆ It is resistant to corrosion as well.
- ◆ It comes for a very low cost of maintenance.



OUR SERVICES

Multi storey Building

Sahara Structures has emerged as one of the strongest contenders against the conventional concrete construction line, eliminating the inefficiency of the shear wall and the central portion while consolidating the support members with a much stronger material - Steel. This enables the skyscraper with both vertical and horizontal support, expediting development and is now globally accepted.

Steel framed construction is fast gaining popularity due to relatively simple and standard designs, structural form for multi-storey buildings and great flexibility.



OUR SERVICES

PEB

Fabrication

Metal fabrication is the creation of metal structures by cutting, bending, and assembling processes. It is a value-added process involving the creation of machines, parts, and structures from various raw materials.

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.



OUR SERVICES



PEB **ERECTION**

Provide PEB erection on the contractual basis with the help of expert team. We are able to instantly work on your site with the help of our dedicated team member.

OUR SERVICES

Tensile Membrane Structures

Membrane structure is an alternative to conventional reinforced concrete shells and steel frame trusses. The roof is constructed of membrane material and cables, and is a large space structure that exceeds the concepts of conventional architecture.

Fabric Membrane Structure

Tensile Membrane Structures

Car Shelter Fabric Structures

Membrane Roofing Structures

Waterproof Membrane Structure









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