



MAKERS OF PRE
ENGINEERING BUILDINGS

Design | Analysis | Fabrication | Supply | Installation

 9133151517  ycubeconstructions.com

ABOUT US

Y CUBE Constructions -- A structural steel company under the leadership of team with 15 years of experience in steel building manufacturing with commitment and vision to emerge globally as most trusted & committed metal building solutions company.

we driven by highest quality principles, complete safety standards & Ethical business practice, we are company with passion & commitment towards steel building construction

AT **Y CUBE** we just don't find customers for our products, we benchmark customer's actual requirement & we engineer, develop & offer refined & optimum building solutions.

OUR MISSION

- » To be the most Innovative & Reliable Company for each and every customer, no matter how small, delivering the best & optimum building solutions.
- » To not only deliver the highest-quality & stable buildings to our customers, but also educate them about the building design, stability criteria, quality of each material we use & our standard Stringent Quality Policies.
- » To guarantee our continued success & achieve leadership in our industry through individual and combined dedication, innovation & integrity.
- » To develop and maintain our supplier/customer relationship based on open communication, mutual trust and respect.
- » To follow standard industrial safety practices at every step, everyday & everywhere.



PRE-ENGINEERED BUILDING

Pre-engineered Steel buildings are designed to suit specific customer requirements. Upon designing and finalizing the requirements The Primary and Secondary Structures are factory prepared and are assembled at site

WHY US

- » One point sourcing steel & Civil part(Design& Execution).
- » Complete transparency in design & Quantities.
- » 100% vetted Designs.
- » International Quality Standards at every single step.
- » Highest focus & prime criteria towards optimisation of design.
- » Dedicated & committed working team.
- » Immediate response with high speed & eminently decision making authorities.
- » Acceptance of any challenging & Time bound projects.
- » Adaptability towards new concepts.

MANUFACTURING FACILITY PLANT & INFRA

Total area: 90,000 sft
Covered area: 40,000 sft
Production capacity 1000 tons/month



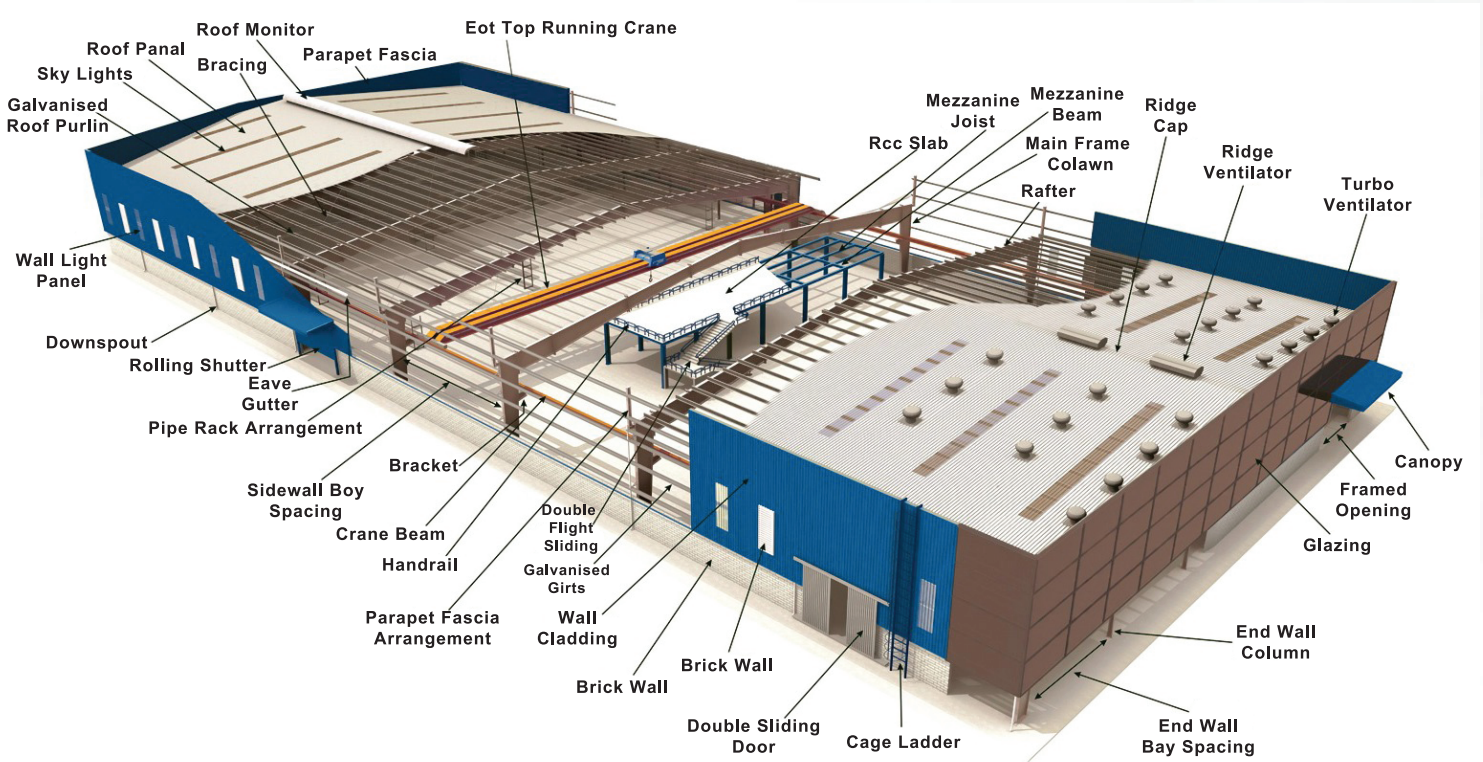
H-Beam Machine



**CNC Plasma
Cutting Machine**

TYPICAL PRE-ENGINEERED BUILDING

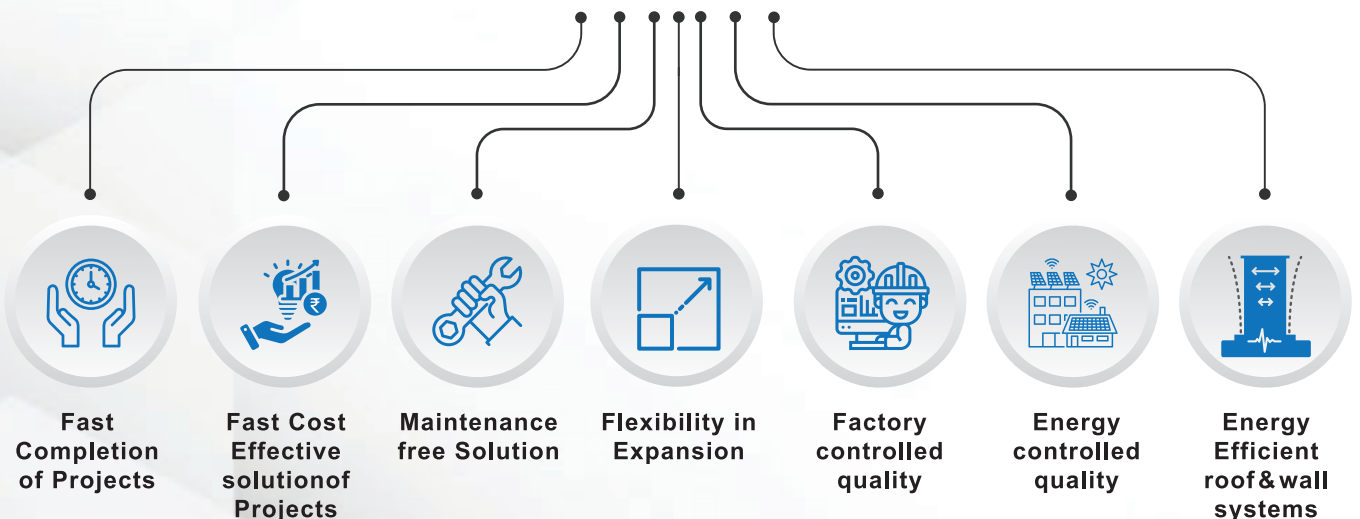
Y CUBE'S Pre Engineered Buildings are pre designed, fabricated & erected matching exact customer's requirement satisfying all the aspects involved, ensuring it serves to best of its design extent.



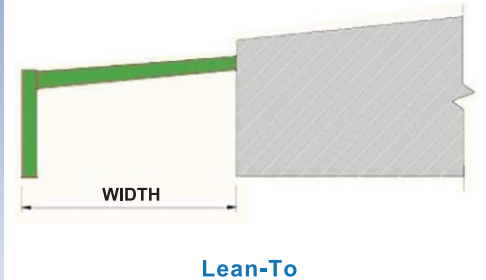
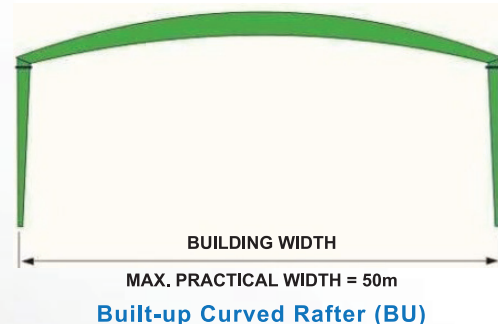
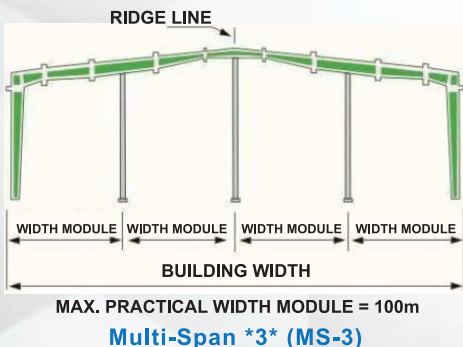
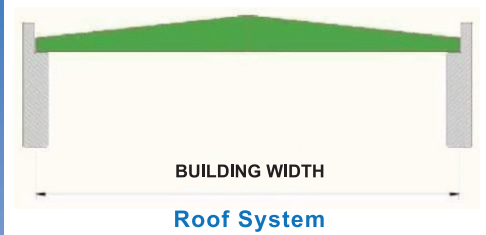
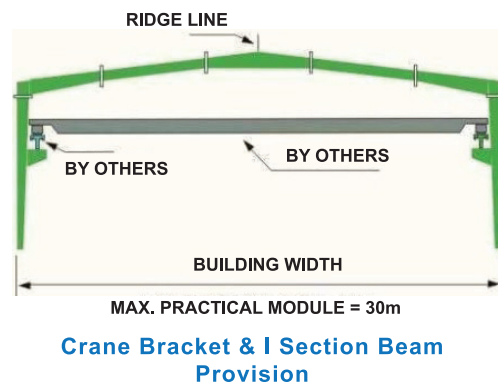
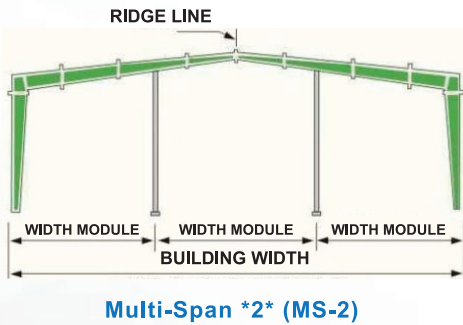
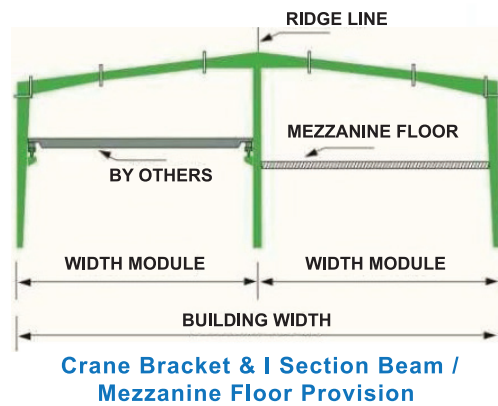
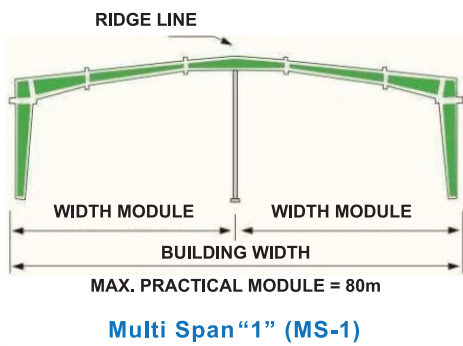
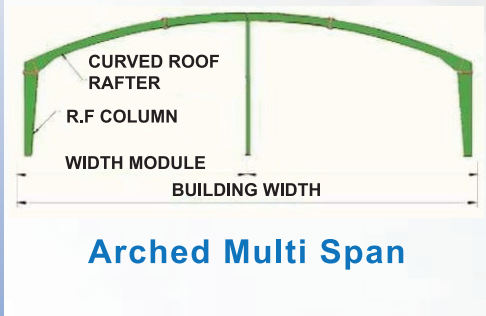
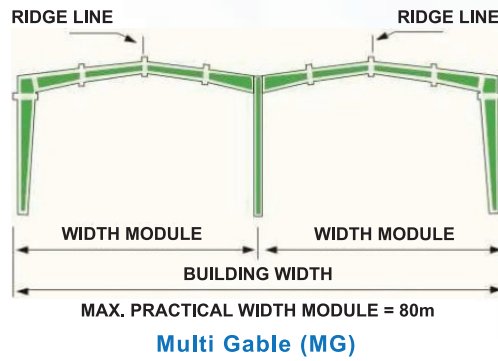
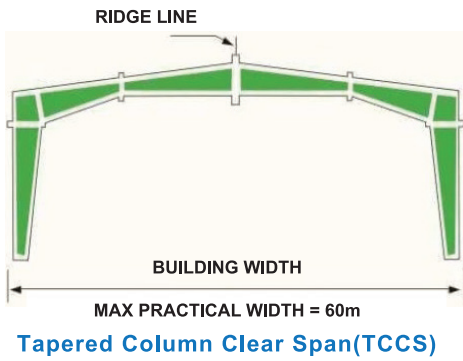
ADVANTAGES

Pre-Engineering Building structures offer manifold advantages over traditional construction.

ENSURE UNIQUE BLEND OF ADVANTAGES



PRIMARY FRAMING SYSTEM

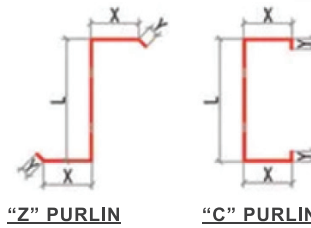
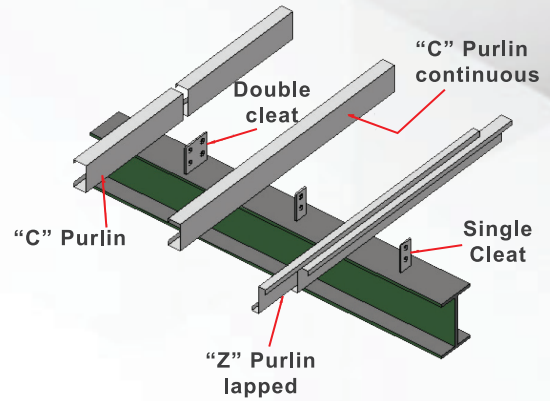


PURLINS

Cold rolled sections are advanced sections made of High Tensile Galvanized Steel in the thickness ranging 1.0mm to 3.0mm in various depths as per design standards, suitable for different spans and loadings.

Z and C purlins are specially designed to provide economy to building construction and keep site Clean and environmental Friendly, and yet it is strong and sturdy to hold the building in position for lifelong.

Z and C sections are accurately roll formed from high strength galvanized steel. cut to the length And are pre punched to the required dimensions to provide efficiency in faster construction.



PURLIN TYPE	L	X	Y
"Z" PURLIN	150	60	15
	180	70	20
	200	70	20
	250	70	20
"C" PURLIN	150	60	15
	180	70	20
	200	70	20
	250	70	20

COLOUR COATED SHEETS

Colour coated profile sheets are the profile sheets with the colour coating over the metal surface after hot-dipped galvanized by Zinc. These Profile sheets are manufactured by cold rolling technique.

Thickness of the colours coated on the surface of these sheets depends on the specific requirement.

A Wide Range Of Colours

Off White		Light Blue		Brick Red	
Nova Blue		Environment Green		Terra Cota	
Pepsi Blue		Tomato Red		Mist Green	
Capri Blue		Seco Red		Caulfield Green	
Bright Green		Turquoise Blue		Graphite Grey	

Product Specifications

Thickness (mm)	0.20 - 1.2
Width (mm)	600 - 1335
Substrate	Al - Zn alloy steel
Coil Form Coating Mass (gsm)	70 - 200
Hardness (HRB)	55 - 65 Soft CQ, Above 85 for grade 80
Guard Film - optional (microns)	50µ (Customised also)
	ASTMA A 755, EN 10169, IS 15965

APPLICATIONS OF PRE ENGINEERED BUILDINGS



INDUSTRIAL

- › Factories
- › Workshops
- › Warehouses
- › Cold Stores
- › Car Parking Sheds
- › Bulk Product Warehouse



INSTITUTIONAL

- › Schools
- › Convention Halls
- › Hospitals
- › Theatres
- › Auditoriums
- › Sports Complex



COMMERCIAL

- › Showrooms
- › Supermarkets
- › Restaurants
- › Offices
- › Service Stations
- › Shopping Malls



HEAVY INDUSTRIAL

- › Steel Rolling Mills
- › Power Plants
- › Cement Industries
- › Textile Mills
- › Food Processing Industries
- › Automobile



RECREATIONAL

- › Gymnasiums
- › Swimming Pool
- › Enclosures
- › Indoor Tennis/ Badminton
- › Squash Courts



AVIATION & MILITARY

- › Aircraft Hangers
- › Administration
- › Buildings
- › Residential Barracks
- › Residential Barracks
- › Support Facilities



AGRICULTURAL

- › Poultry / Dairy Farms
- › Green Houses
- › Grain Storage



RESIDENTIAL

- › Single/Multi Storied Buildings
- › Mega Apartments
- › Villas
- › Ready to use Labor Quarters

India is one of the fastest growing countries with macro level industrialization contributing to its economy. PEB holds 56% share of market construction regardless of type of Industry.

