



**Pre-Engineered
Steel Buildings & Structures**



PRODUCT CATALOGUE

FMI Approvals



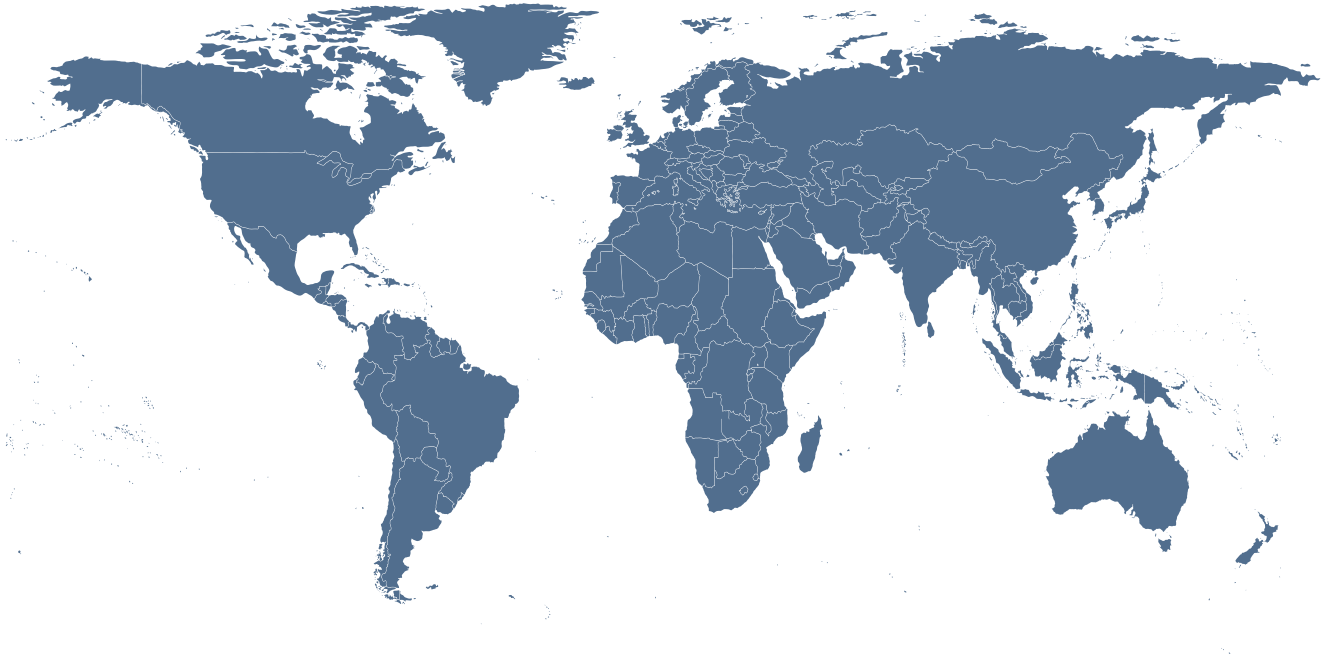
www.smithstructure.com





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VISION

To be the leading solution provider in steel construction space by adopting best processes, practice and harnessing resources efficiently.

MISSION

To champion our mantra “CUSTOMER DELIGHT” by augmenting eco friendly, sustainable, qualitative and timely deliverables.

To realize our vision and mission we shall exert every effort to achieve the following in all our activities:

- ▶ Gaining the confidence and trust of our supervising bodies, employees, stakeholders, customers, and the public through strict adherence to all applicable laws, regulations, best practices, Quality Standard (ISO 9001:2015)
- ▶ Adopting a proactive approach and setting an excellent example for other governmental and private sectors by implementing our Quality and Environment Management System and through applying scientific knowledge, use of resources in a sustainable manner and utilizing best available clean technologies in all our activities.
- ▶ Conducting all our business operations in such a way as to protect and conserve the environment, to prevent pollution and to minimize all risks to the environment.
- ▶ Systematically monitoring, measuring, reviewing and taking effective actions to mitigate adverse risks & enhancing positive impacts on the Quality & Environment of all our activities
- ▶ Communicating our Policy and Objectives to all our employees, stakeholders, partners, customers, interested parties and the public.
- ▶ Continually improving the effectiveness of our Quality and Environment Management System through periodic monitoring and review of its performance and suitability.

The above Policy provides the framework and sets the basis for establishing and reviewing our objectives at all relevant functions of **Smith Structures India Pvt Ltd**. It will be reviewed periodically for continuing stability and suitability.



FM Approvals



COMPANY PROFILE

SSIPL, established in 2012, is a powerhouse in the Pre-Engineered Buildings sector, swiftly conquering market leadership through unparalleled quality, volume, and customer satisfaction. With over **750+ completed buildings** and an annual revenue exceeding **750+ Crores**, our rapid ascent has earned recognition among the top 100 MSME companies in India by the Ministry of Micro, Small & Medium Enterprise in 2019.

SSIPL underwent a comprehensive evaluation by a distinguished jury, considering both financial and non-financial parameters. This assessment led to its recognition as one of the top 100 MSME companies in India.

SSIPL has heavily invested in the integral components of Design & Detailing, the cornerstone of its Steel Construction Solution. Boasting a team of over **70+ designers** and detailers, SSIPL Engineering operates in Hyderabad and Ahmedabad, highlighting its dedication to excellence in the field.

SSIPL's commitment to producing top-quality products stems with its state-of-the-art manufacturing facility located in Ahmedabad, Gujarat, this modern facility has an impressive annual production capacity of 72,000 MT, spanning over 35,000 sqm of constructed space and covering a land area of 1 million sq. feet, they exemplify SSIPL's dedication to precision and excellence in manufacturing.

SSIPL sources cutting-edge equipment globally to craft superior Pre-Engineered Buildings. Our extensive machinery setup entails built-up, cold-formed, and roll-formed steel sections. Recognizing the pivotal role of painting in structural longevity, we've invested in an in-house online painting booth and shot blasting machine, ensuring top-notch quality and swift deliveries. The Construction service is paramount for the successful delivery of a project, emphasizing safety, accuracy, and adherence to drawings. At SSIPL, each project is treated as unique, receiving special care throughout. With a dedicated team of over 90+ Project Engineers overseeing execution, SSIPL ensures the final building is delivered to the client with the highest standards of safety and precision.

To have seamless interface with our esteemed end users SSIPL has a pool of experienced best Project Management professionals to ensure accomplishment of committed timelines with defined quality.

SSIPL has built an extensive clientele throughout India, delivering buildings across diverse categories such as factory buildings, warehouses, administrative blocks, and showrooms. It takes pride in its enviable portfolio ranging from Light weight to complex heavy weight steel sections in various industry segments, including automobile and auto OEM, food and agro, chemical, pharmaceutical and packaging, tyre, warehousing, steel, electrical and electronics, textile, cold supply chain, and logistics.

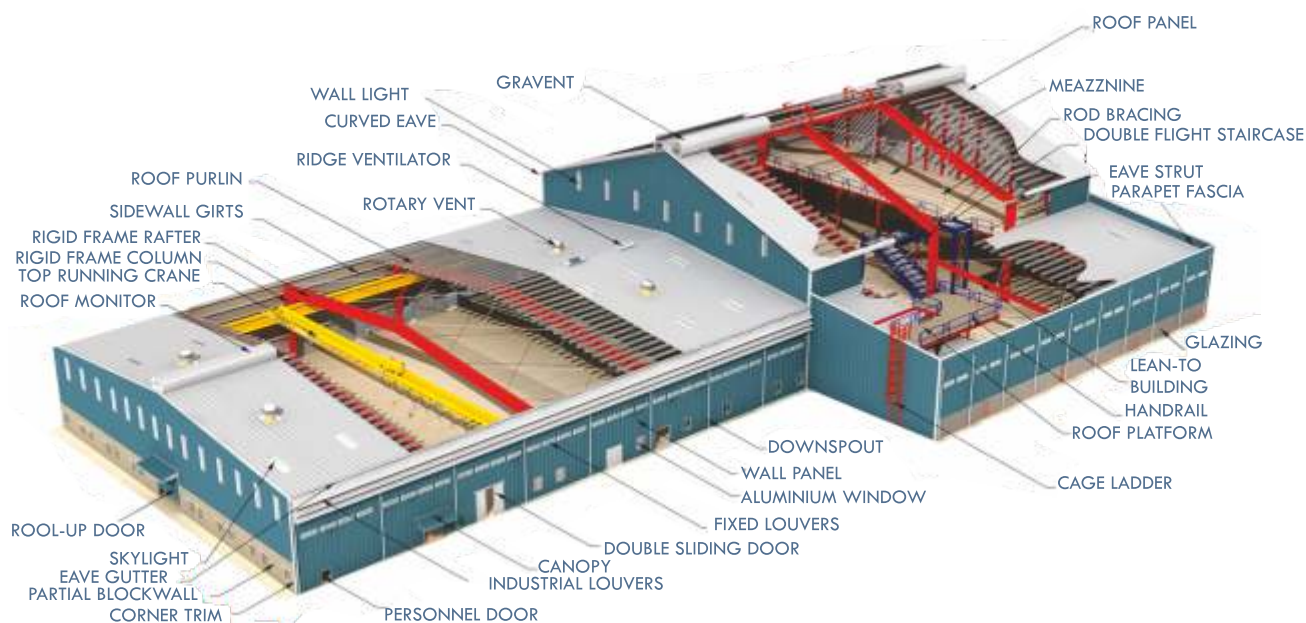
Advantage:

■ ISO 9001-2015 ■ RDSO Accredited ■ NABL Accreditation in process ■ FM Accreditation in process ■ IGBC accreditation in process. Team of 600+ professionals ■ Pan India footprints that extend to other part of globe namely, Dubai, Nigeria, East Africa and West Africa. ■ 90+ certified and trained erectors ■ Proficient in applying and interpreting Indian, American, Euro, and international codes.

For an overview of our offering and capability we welcome you to visit our state of art facility at Ahmedabad, Gujarat.

PRE- ENGINEERED BUILDINGS

Pre - Engineered Steel Buildings are designed and fabricated to meet client requirements in accordance with the Universal standards. A pre-engineered Building consists of Four important components – Primary members, Secondary members, Metal roof/cladding system & Connection fasteners. These components are so designed that they are compatible with each other. The fabrication of these components is carried out in factory under strict quality control as per detailed shop drawings. These components are transported to site with proper markings and assembled at site as per erection drawings.



SALIENT FEATURES

1. Uses high strength steel plates having yield strength of 345 MPA (i.e grade 50) for fabrication of primary members like columns, rafters, beams etc. Hence structural becomes light and economical. for high rise and heavy structure can use Ys 450 MPA
2. Uses tapered beam sections concept, thus ensuring right amount of structural steel at right place.
3. Built up sections are made from HR plates with submerged arc welding process in automatic welding machine in the factory.
4. Uses cold formed either galvanised or non-galvanised sections for secondary members.
5. Use metal color coated material for Roof sheets and cladding which are durable and aesthetically good looking.
6. Columns free buildings with longer span.
7. Buildings with mezzanine /cranes with different functional requirement.
8. Speedy and planned execution drastically cuts down time and costs of projects.
9. Single source responsibility from inspection to completion, covering design, engineering, detailing, fabrication supply and erection.
10. Design which provide structurally stable PEBs using universally accepted codes and guidelines.
11. Special building components like skylight, ridge ventilators, turbo ventilators, sliding doors, windows, roof curbs, S-type louvers etc can be supplied and installed.
12. Insulation to maintain temperature under control.

MANUFACTURING PLANT



Spreaded over 1,15,000 m²



📍 Kheda, Gujarat.

MANUFACTURING FACILITY

Smith Structures India Pvt. Ltd. is located in Vansar, Kheda, GUJARAT-INDIA. The factory covers an area of 35,000 sqm. and land area 1 million square feet, Our ISO 9001- 2015 certified operations by BUREAU VERITAS consistently deliver quality systems to all customers.

The factory manufactures first class quality building system components such as Columns, Beams, Purlins, Sheeting and Secondary structural items meant for Warehouses, Factories, Shopping Malls, Airports apart from structural members meant for refineries, oil and gas, High rise structures, Steel plants, Thermal plants etc. Structures even exported to various clients in countries like Middle East and Africa.

Plasma Cutting Machine

Deck Sheet Machine

PHI Welding Machine

Gantry Type H – Beam Welding M/C

Standing Seam Machine

CNC Shearing Machine

CNC Bending Machine

CNC Punching Machine

CNC Forming Machine

CNC – “Z” & “C” Purlin Machine

Online Shot Blasting Machine

CNC Drilling Machine

Downspout Forming Machine

Coil Slitting & Cutting Machine



Plate Processing M/C

Oxy Fuel Plasma Cut M/C





Pull Through Welding M/C



Shot Blasting M/C



CNC Drilling M/C



Flange Line M/C

Shearing M/C



SSR Profiling M/C (Portable)



Sheet Profiling M/C

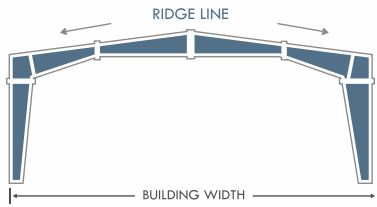


Gantry Beam M/C

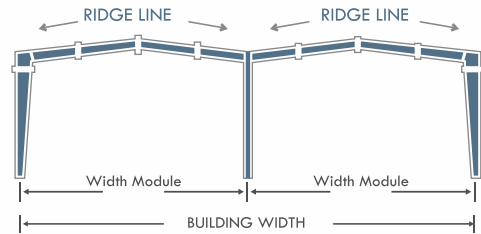


STANDARD FRAME TYPES

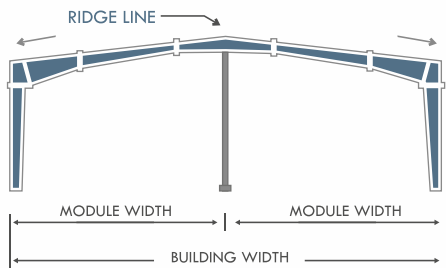
Tapered Column Clear Span (TCCS)



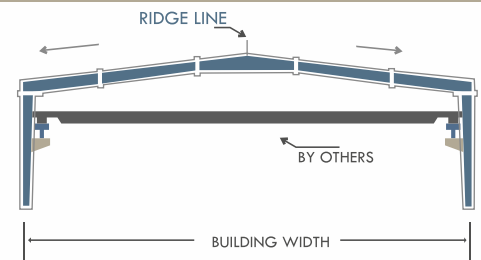
Multi Gable (MG) I / II



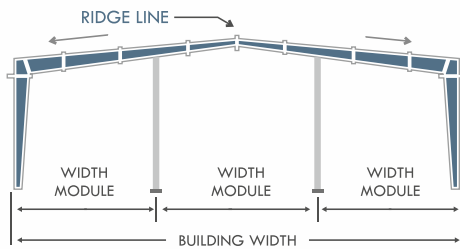
Multi Span I



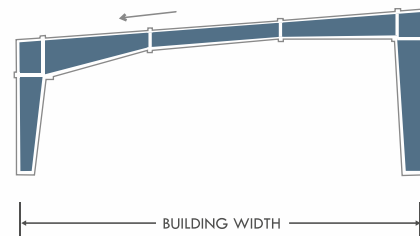
Clear Span with Crane



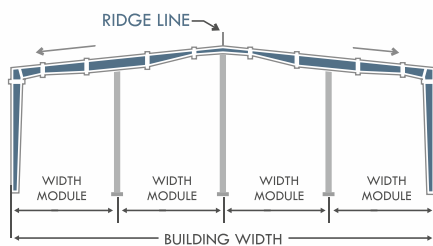
Multi Span II



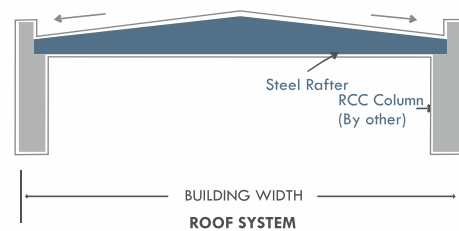
Mono Slope



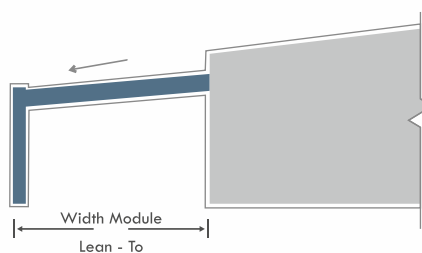
Multi Span III



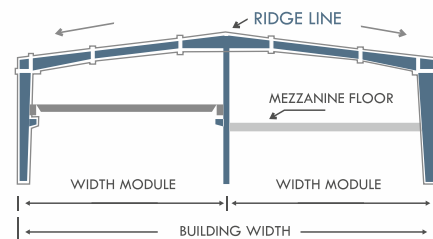
Rafter System



Lean - To



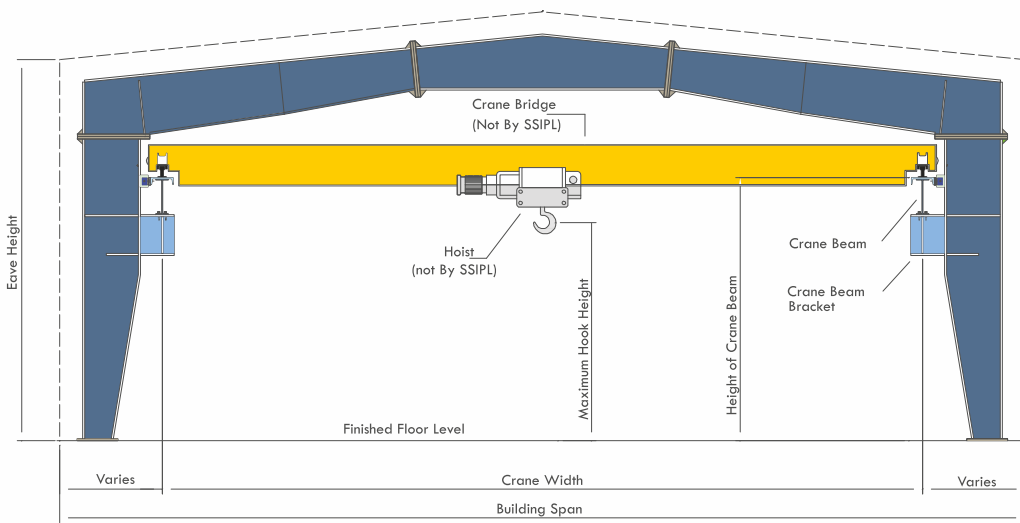
Multi Span I with Crane & Mezzanine



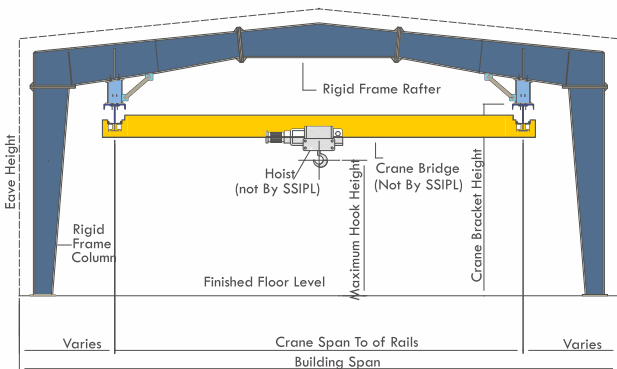
CRANES

The most common types of Crane System available for Pre-Engineered Steel Buildings are:

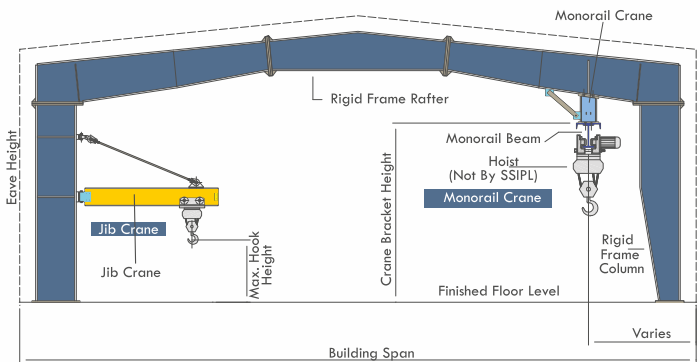
Top Running Crane Along Building Length



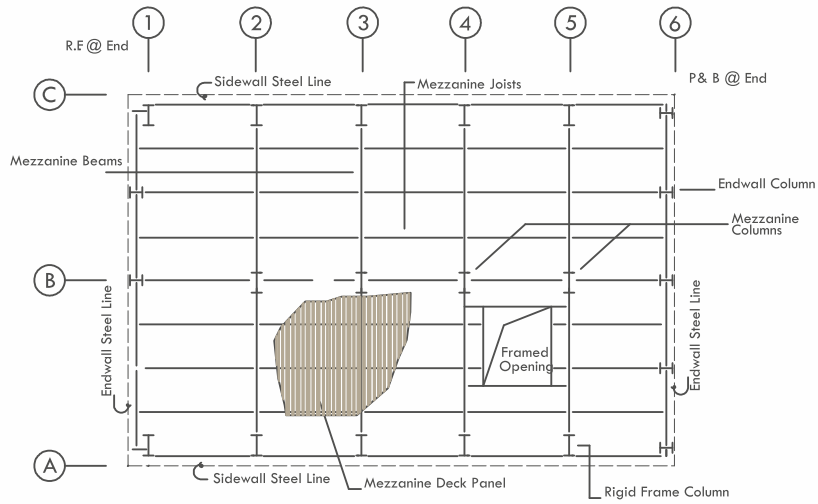
Underhung Crane



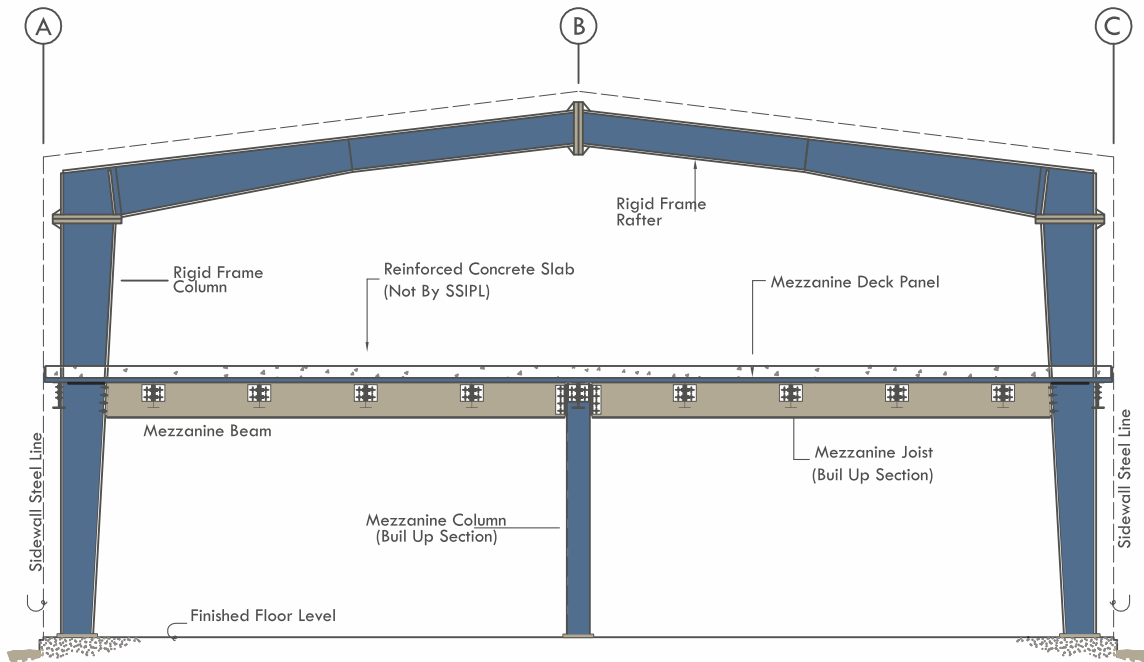
Jib Crane and Monorail Crane



Mezzanine Plan

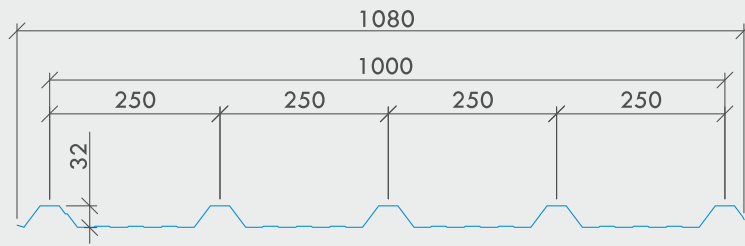


Mezzanine Cross Section

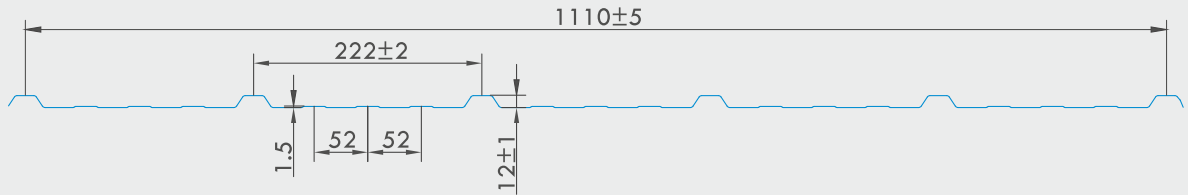


ROOFING & WALL PANELS

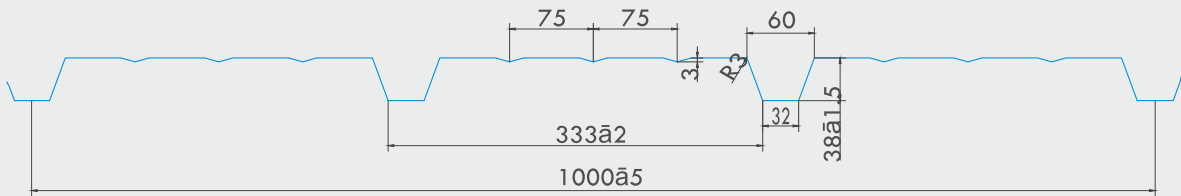
SSIPL HI-RIB Roof Sheet Profile



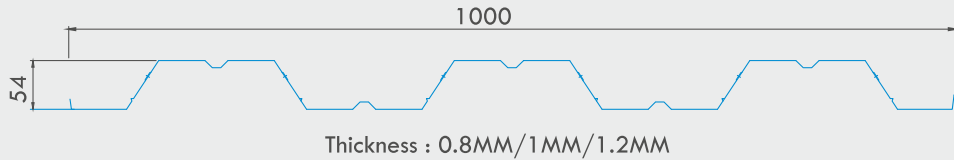
SSIPL Low-RIB Roof / Wall Liner Profile



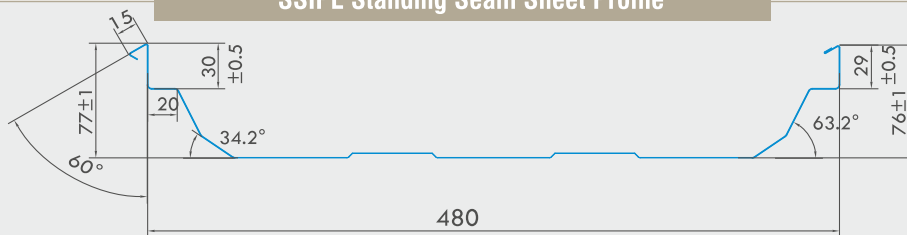
SSIPL Reverse Wall Sheet Profile



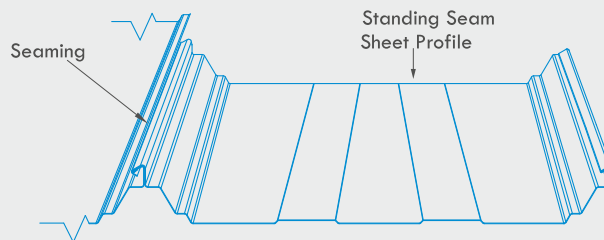
SSIPL DECK Sheet Profile



SSIPL Standing Seam Sheet Profile



SSIPL Standing Seam Sheet Profile with Seaming



Sheeting standard color shades

Taurus Blue

Sky Blue

Mist Green

Off-white

Gray

Bare Galvalume



BG Link Infrastructure LLP (Lucknow, UP)



Syam Trelleborg Tires LLP (Bharuch, Gujarat)



Jolly Warehousing (Lucknow, UP)



Rajesh Kumar & Others (Farukhnagar, Haryana)



Uno Minda Limited (Farukhnagar, Haryana)



Semac Consultants Pvt. Ltd., V-Mart (Palwal, Haryana)



ESR Logistics / ECR Buildtech Pvt. Ltd. (Sohna, Haryana)



SAFEXPRESS / North India Logistics Pvt. Ltd. (Bhayla, Ahmedabad)



NG Realty Private Limited (Rajoda, Gujarat)



Lubi Industries Llp (Kadadra, Gujarat)



Tufropes Pvt. Ltd. C/O. Elixrr Industries Pvt. Ltd. (Bharuch, Gujarat)



Birla Advanced Knits Pvt. Ltd. (Jhagadia, Gujarat)



Varun Beverages Ltd. (Supa, Maharashtra)



Rice Lake Weighing Systems India Ltd. (Indore, MP.)



Global Loginfra LLP (Hooghly, West Bengal)



Baahu Panels Pvt. Ltd. (Greenply) (Vadodara, Gujarat)



Minda Infrastructure Llp (GIDC, Bhagapura Ahmedabad)



Uflex Limited (Dharwad, Karnataka)



Audax Protective Fabrics Pvt. Ltd. (Silvassa, India)



JMC Projects (India) Ltd. (Aurangabad, Maharashtra)



Samaro Global Industries Pvt. Ltd. (Valsad, Gujarat)



Volumnus Developers Pvt. Ltd. (Hiranandani Group), Kanchipuram, TN



Talegaon Industrial Parks Pvt. Ltd. (Hiranandani Group), Talegaon, MH.



Coca Cola - Wave Beverages Pvt. Ltd. (Gurdaspur, Punjab)



Kerry Indev Logistics Pvt. Ltd. (Mundra, Gujarat)



Supple Tek Industries Pvt. Ltd. (Anjar, Gujarat)



Shaily Engineering Plastics Ltd. (Halol, Gujarat)



Yizumi Advanced Processing Technology Pvt. Ltd. (Sanand, Gujarat)



Nobel Hygiene Pvt. Ltd. (Halol, Gujarat)



Boxovia Private Limited (Ahmednagar, Maharashtra)



BLA Textiles Pvt. Ltd. (Dholka, Gujarat)



Raalchem Industries Ltd. (Mundra, Gujarat)



Shakti Infra (Total 4 Buildings) Bhiwandi (MH)



Edicon Paper Product Pvt. Ltd. (Morbi, Gujarat)



Capital Foods Pvt. Ltd. (Vapi, Gujarat)



Hehong Paper India Technology Pvt. Ltd. (Mundra - Sez, Gujarat)



Hamilton Housewares Pvt. Ltd. (Sri City, AP)



AG Industries (Hero Group) (Sri City, AP)



Texspin Bearings Ltd. (Ranpur, Gujarat)



Pearl Engineering (Vasana, Gujarat)



Aurangabad Electricals Ltd. (Aurangabad, MH.)



Pichad Builders & Developers (Bhiwandi, MH)



Nextile Marbosys Pvt. Ltd. (Morbi, Gujarat)



Mahansaria Tyres Pvt. Ltd. (ASCENSO) (Sez-Panoli, Ankleshwar)



Adani Ports & Logistics, Taloja (Maharashtra)



Terex India Private Limited (Sanand, Gujarat)



Protect Infra Projects Private Limited (Kheda, Gujarat)



All Time Plastics Private Limited (Valsad, Gujarat)



Yokohama India Pvt. Ltd. (Dahej, Gujarat)



Inox India Limited (Savali, Gujarat)



Minda Projects Limited (Shankar Moulding Ltd. - Dekevada, Gujarat)



Renew Solar Energy (Jharkhand One) Pvt. Ltd.- (Dholera, Gujarat.)



La-Gajjar Machineries Pvt. Ltd. (Sanand, Gujarat)



IBCC Industries Inc. (Rajoda, Gujarat)



Can Ends (India) Pvt. Ltd. (Kheda, Gujarat)



Shubham Extrusion Machines Pvt. Ltd. (Ahmedabad, Gujarat)



IBCC Industries Limited (Rajoda, Gujarat)



Jigarbhai Virendrabhai Patel (Kheda, Gujarat)



Minda Infrastructure LLP (Dekawada, Gujarat)



FMEL Agrifriz Foods Private Limited (Kadi, Gujarat)



Jay Bharat Maruti Limited (Vitthlapur, Gujarat)



Minda Kosei Aluminum Wheel Pvt. Limited (Dekawada, Gujarat)



Bizz Corporation (Morbi, Gujarat)



Pragati Infra Solutions Private Limited (Hoskote - Bengaluru)



Crystal City Developers Pvt. Ltd. (Indospace Logistics Park)(Bilaspur, Haryana)



Crystal City Developers Pvt. Ltd. (Indospace Logistics Park)(Bilaspur, Haryana)



Innovative Outsourcing Pvt. Ltd. (IndoSpace Development Management Pvt Ltd)



Bati North India Private Limited (Jhajjar, Haryana)



Bagla Technopack Private Limited (Mundra, Gujarat)



ECR Buildtech Private Limited B-02 (Hyderabad, Telangana.)



ECR Buildtech Private Limited B-01 (Hyderabad, Telangana.)



Transport Corporation of India Limited (Dankuni, West Bengal)



Arora Warehousing & Real Estate Developers Pvt. Ltd. (Dankuni - Hooghly, WB)



Volumnus Developers Pvt. Ltd. (GB-190) Kanchipuram, Tamil Nadu



Inox India Limited (Savli, Vadodara, Gujarat.)

PROJECT MANAGEMENT

The project management is responsible for the overall management controlling, risk management and for the maintenance of project management systems for the entire organization. It supports all projects of the organization and offers tools and other resources, such as project assistance, standards and guidelines, to all project managers for smooth execution of project.



Quality Assurance & Quality Control

We, SSIPL being an ISO 9001:2015, believe in Total Quality Management rather than only Total Quality Control. The philosophy underlying the implementation of a TQM strategy is to see organisational customers and clients as the vital key to organisational success.

Our Aim : Level of Product Quality > Customer / Client's Expectation.

At SSIPL, quality is the key attribute around which all activities and processes are executed. We adopt a comprehensive quality plan complying with MBMA, ASTM and AWS requirements at various stages of design and manufacturing.

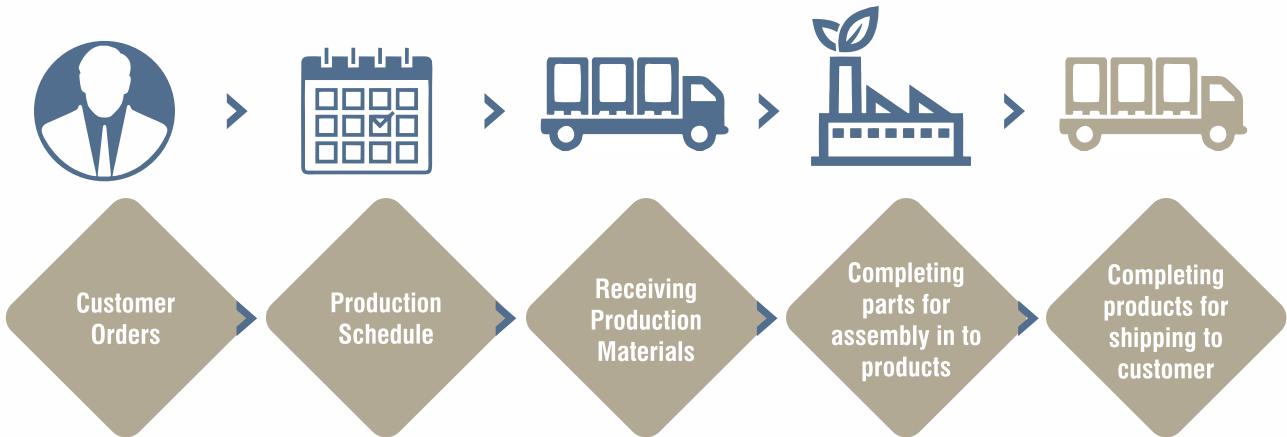
The process includes

- Incoming / Raw Material Inspection
- In-process Inspection
- NDT
- Final Inspection

TOTAL QUALITY MANAGEMENT

Total Quality Management (TQM) is a strategy that embodies the belief that the management process must focus on integrating the customer – driven quality throughout an organisation.

SSIPL - TQM Policy



PDCA is an iterative four - step management method used in business for the control and continuous improvement of processes and products.

At SSIPL, we consider it as an effective tool which has improved our product and procedure for manufacturing it via continuous feedback from client and inter departments.

PDCA CYCLE



ACCREDITATION



QUALITY INSPECTION AT SSIPL



Incoming Material Inspection

Visual Appearance | Dimensional | Specifications



In-process Inspection

Dimensional | Non Destructive Testing | Visual



Final - Stage Inspection

Visual | Paint Inspection | Final Stage Inspection

AWARDS & ACHIEVEMENTS

Awarded Outstanding Company in **PRE-ENGINEERED BUILDINGS**





CONSTRUCTION INDUSTRY
DEVELOPMENT COUNCIL

14th CIDC VISHWAKARMA AWARDS 2023

Smith Structures (India) Pvt. Ltd.

PROUD TO BE HONOURED AS
BEST PRE-ENGINEERED BUILDING (STEEL & PRE-CAST)



Our Esteemed CLIENTS



Warehouses & E-Logistics



Breweries / Distilleries



BOUDH DISTILLERY



Plastic & Packaging



Textile & Hygiene Products

Our Esteemed CLIENTS



Automobile



Steel Processing



Appliances



FMCG & Beverages



Paper Industry

Our Esteemed CLIENTS



Engineering



Electrical & Electronics



Water Solutions & Fittings



Chemicals & Fertilizers



EPC Contractor

Our Esteemed CLIENTS



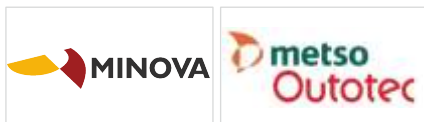
Cold Storage & Refrigeration



Ply



Mining



Wires & Cables



Petrochemicals



Refractories & Cement



Renewable Energy



Ceramics Sanitary Ware



Pharma



Defence & Aerospace



Tyre





**SSIPL
Manufacturing
Plant**

**Spreaded over
1,15,000 m²**


**Kheda,
Gujarat.**



**Manufacturers of Quality
Pre-Engineered Steel Buildings & Structures**

Smith Structures (India) Pvt. Ltd.

Plant

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Head Office (Sales & Marketing)

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