



**COLD STEEL CORPORATION®**

**Think Big. Build Better.**



**COLD STEEL BUILDING SYSTEMS**

**COLD STEEL CORPORATION** is the pioneer and one of the leaders in the field of Pre-engineered steel buildings in India. Offering the widest product range, unmatched quality and super fast delivery at highly competitive prices, CSC has completed more than **2000 projects in the past 35 years.**

With core values of providing the customers with high quality products at competitive prices, Cold Steel Corporation was founded in 1977 with the vision of introducing Pre-engineered buildings to the Indian market. Cold Steel Building Systems pioneered the concept at a time when steel was scarce and customers were not aware of the advantages of using custom built steel sections and pre-engineered structures. Since then Cold Steel Building Systems has emerged as a leader in meeting the exact needs of the Indian P.E.B. market by introducing tropical steel building designs and details exactly suited to local conditions and building materials.

**COLD STEEL BUILDING SYSTEMS** has the vision to have sustained and unremitting growth to reach the level of market leaders by the end of this decade.

Having the widest range of PEB systems and offering comprehensive building solutions, including foundation designs, pre-engineered steel structures, roofing and side sheets/cladding, complete accessories and installation, Cold Steel Building Systems happens to be amongst the primary choice for PEB manufacturer in India.

Today Cold Steel Building Systems is not only catering to the entire Indian market but has done more than a dozen major projects in U.K., U.A.E., Malaysia, Ethiopia, Sri Lanka, Nepal and is looking at sustained business opportunities in the north American markets.

### Product Range and Applications:

- Industrial buildings and sheds
- Warehouses
- Aircraft hangars
- Multi storey buildings
- Fuel station canopies and large retail outlets
- Crane structures

### Main Features of our "all-muscles and no-fat " Pre-Engineered Buildings:

- Super fast deliveries
- Aesthetical & most economical
- Complete building solutions under one roof  
*(including accessories like Roof and Side cladding, Ridge Ventilators, Turbo Ventilators, Louvers, Sky Lights, Rain water gutters, Canopies, Crane Gantries)*
- "World class" quality standards
- Manufactured using state of the art machinery

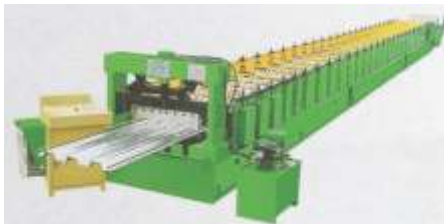


## Production Facilities

Our 3,00,000 sq. ft. (covered area) state of the art workshop is equipped with CNC H-Beam assembly machine, CNC Roll forming Mills for mass production of Purlins, Floor Deck & Roof/Side Panels, CNC Sheers, CNC Presses, Mitering Cutters, CNC Plasma Cutters, fully automatic Submerged arc welding machines, and MIG Welding machines. All these help us to offer international quality products, developed and erected for you expeditiously. All our buildings are designed using the latest customized computer software as per prevailing Indian/International standards, with special emphasis on stability, life and aesthetics ensuring optimum utilizations of steel.



30,000 SQ. MTR OF AUTOMATED MANUFACTURING FACILITY AT ALWAR



G.I. DECK PROFILING MILL



CNC MULTIHEAD GAS & PLASMA CUTTING MACHINE



ROOF & SIDE CLADDING PROFILING MILL



DOUBLE HEAD CNC SUBMERGED ARC WELDING MACHINE



CNC H-BEAM ASSEMBLY MACHINE



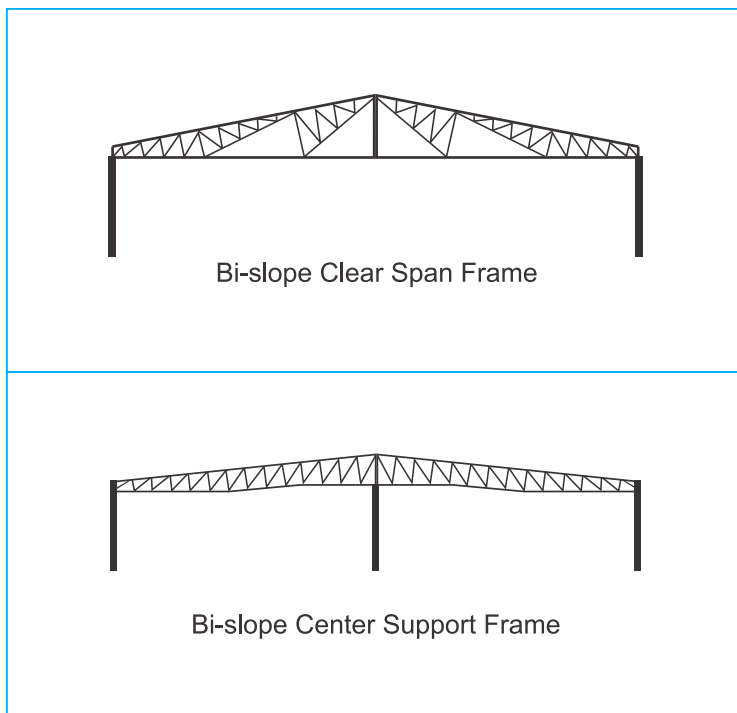
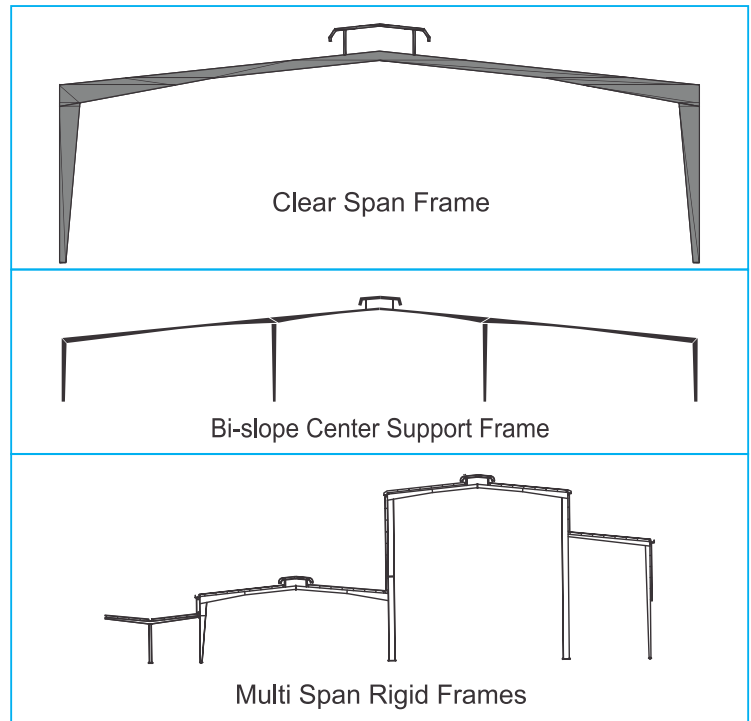
ONE OF OUR PRODUCTION FACILITIES (RAJASTHAN)

## Product Line

### Solid Web Portal System

Cold Steel Solid Web Portal structure is made out of solid web, taper plate girders. This rigid frame structure provides sleek and aesthetic buildings.

State of the art fully automatic CNC H Beam assembly line ensures world class quality, interchangeability and super fast deliveries.



### Open Web Lattice Structures

Cold Steel has been evolving durable, aesthetical and yet economical industrial buildings by using the ever dependable FINK / N trusses and WIDE FLANGE or H – SECTION steel columns.

These trusses are made with COLD FORMED TOP HAT section.

Thus it's a combination of Solid Web Columns & Open Web Lattice Roof Girders.

This system is the only economical alternative for large clear spans.

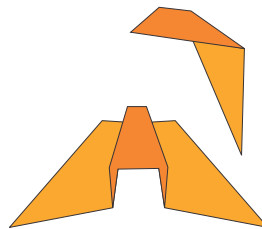


## Product Line

### **Roof & Side Cladding**

Cold Steel Deep Trough Trapezoidal corrugated metal sheets are made from Hardened Galvanized CC steel or aluminum designed to bear & face worst of loads & weather conditions.

To maintain natural light in structure we plan sheeting along with UVR FRP (Fibre Resin Plastic\Poly carbonate) Sheets in each bay of the structure.



### **G.I. Deck & Mezzanine**

Cold Steel Deck Section is fixed on welded plate girder primary and secondary beams.

Average 60 mm thick concreting is done on it to ensure smooth top surface. This ensures dry construction, fast speed and high strength.



*Reproduction of a typical Mezzanine Floor*

## Solid Web Portal System

### Cold Steel Rigid Frame Pre-Engineered Building System

Modern, sleek, aesthetical, Cold Steel Corporation offers the entire range of Rigid Frame Buildings with specifications to suit varied needs of span, height, crane capacities, etc.

Our fully automatic CNC H-Beam manufacturing lines adopting Submerged arc welding process gives us the capability of offering **fast deliveries**. Our in-house Ultrasound crack detection facilities ensure flawless quality.

Cold Steel Corporation uses the exclusive ASTROFOIL technique to manufacture rigid frames to ensure unmatched accuracy and **100% matching** at site thereby ensuring minimum installation time and full strength bolted joints.



"COLD STEEL CORPORATION  
ENSURES 0% DEFECT  
QUALITY"



INSIDE VIEW OF SAINT GOBAIN PLANT AT BHIWADI



INSIDE VIEW OF 350 MTR. LONG PEB FOR M/S ROYALE LOGISTICS,  
NEAR GURGAON



INSIDE VIEW OF 30,000 SQ MTR (130 X 225 MTS) PEB  
FOR FLEXITUFF INTERNATIONAL, KASHIPUR



20,000 SQ. MT. WAREHOUSE BUILDING AT GURGAON

## Highlight Project Of The Year

65000 sq mtr Industrial Building for Saint Gobain Glass India, Bhiwadi —built in just 6 months.



212 mtrs X 280 mtrs

*One of India's largest PEB's has been designed and built expeditiously within a span of just 6 months.*

*Having 7 bays of 30 mtr clear span each designed for heavy duty EOTs, a mammoth 3780 running meters of crane gantries, more than 70,000 sq mtr of insulation - this unique structure is indeed a remarkable feat in the Indian PEB history.*



24 MTR JACK BEAM DURING INSTALLATION AT SAINT GOBAIN GLASS INDIA, BHIWADI



THE PEB WAREHOUSE IS 280MTR LONG AND 212 MTR WIDE



AMONGST THE LARGEST PEBs EVER BUILT IN INDIA -SGGI, BHIWADI



## Open Web Lattice Structures

By far the most economical and flexible, the Double Sloping Truss & Column system has been used to build major industrial buildings all over the world.

Naturally, we at Cold Steel, have been evolving more and more practical, durable, good looking and yet economical industrial buildings

exploiting the combination of the ever dependable FINK/ N trusses and wide flange or H section steel columns.

By using high efficiency Cold Formed Top Hat Section For Trusses and Z-sections for Purlins, we offer a full range of steel buildings.

### Clear span truss and column systems

- Clear Spans = Upto 80 Mtrs
- Eave Height = Upto 30 Mtrs
- Column Spacing = Upto 24 Mtrs



RELIANCE REFINERY- JAMNAGAR (MEGA PP WAREHOUSE)



CLEAR 52 MTRS.(171') SPAN STRUCTURE FOR HOTLINE



KAYEM FOODS, SONEPAT



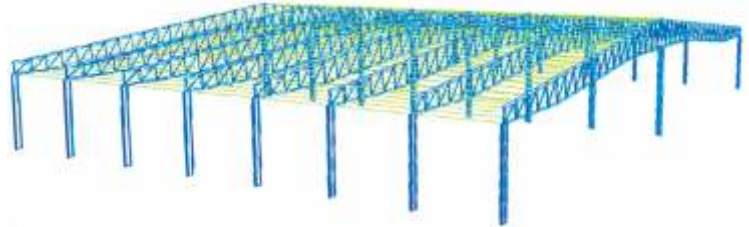
CLEAR 70 MTRS. (230') SPAN BUILDING FOR AZAD VOLVO PLANT



## Open Web Lattice Structures

### *Bi-slope with center support*

Clear Spans           =Upto 100 Mtrs  
Eave Height           =Upto 28 Mtrs  
Column Spacing       =Upto 24 Mtrs



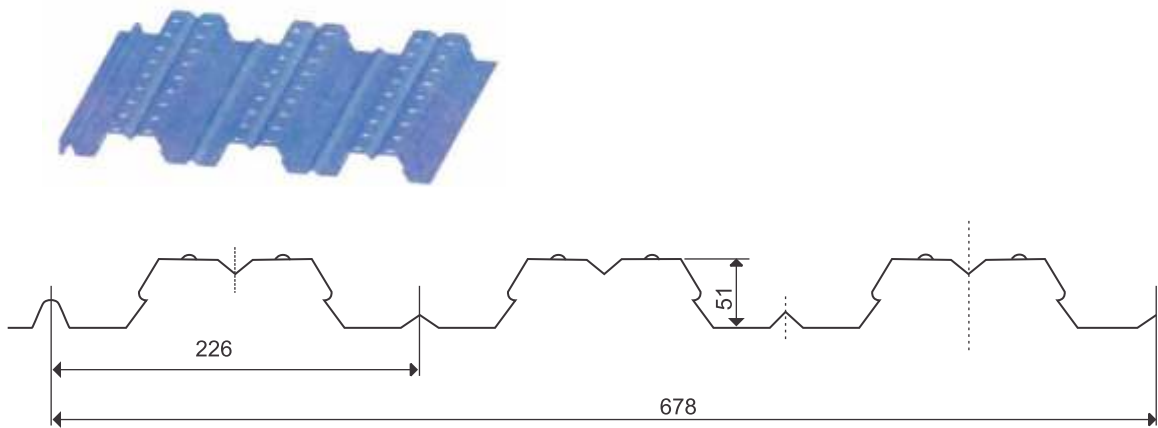
This structural system is made with solid web columns and cold formed open web Lattice Roof Girders. This is the most economical system for large spans.



50 MTR CLEAR SPAN CURVED TRUSS FOR KAYEM FOODS AT SONEPAT

## G.I. Deck & Mezzanine Floors

Cold Steel Corporation possesses a C.N.C., state of the art, 47 stage Roll forming mill which produces an intricate section to offer economical yet highly functional floor deck system. This Steel Deck has high load bearing capacity which makes it ideally suited for mezzanine floors in industries and warehouses and flooring in multi storey buildings. This Steel deck does not require any further steel reinforcement and a functional and dry floor can be laid in a matter of just few hours.



VOLVO EICHER MEZZANINE FLOOR



MEZZANINE FLOOR FOR VOLKSWAGEN RETAIL



VOLKSWAGEN MULTI STOREYED RETAIL OUTLET, AGRA



4000 SQ. MTR. MAHINDRA SHOWROOM AT RUDRAPUR BUILT IN 45 DAYS



## Multi Storey Pre-Engineered Buildings

The  
QUICKEST WAY  
to GROW  
**TALL**



G+5 OFFICE BUILDING FOR VOLVO EICHER COMMERCIAL VEHICLES LTD, PITHAMPUR, INDORE (M.P)

**Five Floors. 30,000 sq ft. Constructed in just 60 days.  
With zero shuttering, zero water and 100% safety.**

PEB multi-storey structures are highly cost effective and practically maintenance free.

### ► Advantages

- Superfast and hassle free construction (*at least 8 times faster*).
- Highly cost effective
- Quality at par with any international standards
- Multiple floors can be laid out simultaneously.
- Dry and mechanised construction
- No shuttering required
- Offers unmatched flexibility



IFCI BUILDING 26 FLOORS OF STEEL  
STRUCTURE COMPLETED IN SIX MONTHS



## Special Structures

Cold Steel Corporation takes great pride in its ability to design and manufacture pre engineered structures as per the special needs and requirements of its clients. The high degree of flexibility in design and manufacturing processes allows us to give shape to your innovative ideas and any peculiar needs.



MULTI STOREY STEEL STRUCTURE FOR HEAVY DUTY SILOS



HEAVY DUTY CABLE STRUCTURE FOR HOTLINE



STADIUM ROOF STRUCTURE AT AGRA



HEAVY DUTY CRANE STRUCTURE



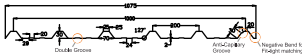
RELIANCE PETROLEUM RETAIL OUTLET CANOPY (About 300 completed across the country)



RADHA SWAMI SATSANG HALL

## Roof & Side Claddings

Cold Steel Corporation's state of the art, C.N.C roof/side cladding profiling lines offer a scratch free, and very efficient range of cladding sheets. These are high in strength (minimum 550 Mpa) and aesthetical. Galvalume/Zincalume and CC GI in variety of shades and combinations are available along with Polycarbonate and F.R.P. sheets. We also offer crimped aprons, flashings and other sheeting accessories.



*Cold Steel Profile's special features:*

- Anti Capillary Groove
- Negative bend for fit-tight matching
- Small pitch of only 200 mm for super strength
- Scratch free, smooth surface finish
- Available in lengths upto 14 mtrs without joints
- Only prime quality, self tapping screws are used



HORIZONTAL/CURVED SIDE CLADDING FOR FLEXITUFF INTERNATIONAL, KASHIPUR



FRONT GABLE FOR SSL AT DEESA



COLOR COATED GALVALUME SIDE CLADDING (COLD STEEL PROFILE)



COLOR COATED GALVALUME SIDE CLADDING (COLD STEEL PROFILE)



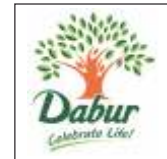
COCA COLA BOTTLING PLANT, AGRA



Saint Gobain Glass Limited



Volvo Eicher



Dabur



Hindustan Construction Co. Ltd.



Vatika Group



Om Logistics Ltd.



National Fertilizers Ltd.



1MILLION SQ. FT. LOGISTIC PARK AT MANESAR, GURGAON



140 MTR WIDE GABLE WITH HORIZONTAL CLADDING FOR FLEXITUFF INDUSTRIES, KASHIPUR





AUTOMOTIVE COMPONENT PLANT, PUNE WITH DIAGONAL PROFILE SIDE & GABLE CLADDING



INDUSTRIAL BUILDING FOR FINE HANDLING, PUNE



SHRI RAJA RAM ASHRAM BHOJANSHALA, JODHPUR



Coca Cola India



Kalpa Taru



Wipro Technologies



Raymond



Cleveland Bridges Co.



Metso Minerals



Shree Cement Ltd.



INTERNATIONAL INFRA, GURGAON



COCA COLA, AGRA



Mahindra



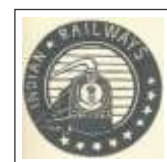
PEPSI CO.



Indian Oil



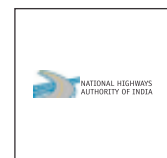
Adani Group



Indian Railways



Flexituff International Ltd.



National Highways Authority of India



FLEXITUFF INTERNATIONAL, KASHIPUR



Reliance Petroleum Limited



Larsen & Toubro Ltd.



Ashoka Leyland



K S Oils Ltd.



Bell Ceramics



Murugappa



Caparo



KOIDE - JAPAN, NEEMRANA





SAINT GOBAIN, ALWAR



TATA Steel



Havell's India Ltd.



Container Corporation Of India Ltd



Okaya



Reliance Energy Ltd.



Defence Research and Development Organization



Balrampur Chini Mills Ltd.



FOX RESTAURANT, GURGAON



SAINT GOBAIN, ALWAR



COCA COLA, AGRA



Aditya Birla Group



Ruchi Group



Rajasthan Patrika



American Express



Jyothy Laboratories



Pernod Ricard



PSL Limited



CONTINENTAL ENGINES, BHIWADI



Mahindra Renault



PARRYS



DCM TOYOTA



Ram Ratna Group



JBM Group



Continental Engines



Krishna Maruti



ACORN LOGISTICS, DARUHERA





The  
**Largest PEB manufacturer**  
in India



  
**COLD STEEL CORPORATION®**

COMPLETED MORE THAN  
**2000 & 10000**  
PROJECTS BUILDINGS  
An ISO 9001:2008 certified company

E-39(A), M.I.A. Alwar-301030, Rajasthan, India Ph.: 0144-2881067, 2881193, +91-9829096197, 9799643532, 9829024312  
Fax: 0144-2881984 Email: enquiry@coldsteels.com, Web: www.coldsteels.com

