



**FAMSCO**  
— STEEL INDUSTRIES —

[www.famscosteel.com](http://www.famscosteel.com)

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# Mission & Vision

## About us

Established in 1980, Farraa's Company is a family owned company for mechanical and steel constructions. During more than 42 years of efforts and progress, the FAMSCO group is considered as one of the biggest companies for producing manufacturing and supplying custom engineered in the North. Through its years of experience and developing in metal building, producing and processing, the company has gained a wide reputation which ranks it one of the leaders in the Lebanese territories. Located at BARSA El-Koura, the company has a worldwide reputation for excellence in the custom design, engineering, fabrication of a wide variety of pre-engineered steel frame buildings and structures.



## Our mission

FAMSCO Steel is committed to building long-term relationships based on integrity, performance, value, and client satisfaction. We will continue to meet the changing needs of our clients with our quality services delivered by the most qualified people and latest technologies.



## Our vision

The Company continues to move forward in become the leading steel industry in Middle East and North Africa (MENA) to consistently delivering projects that meet international standards. Famsco Steel is not just a steel company. We are dedicated team striving to bring growth to our community.

## Quality policy

We provide the service of qualified & experienced Managers, Engineers, Administration staff and skilled workers. FAMSCO Steel is capable of delivering the highest quality products to our clients within the time frame demanded. Equipped with the most modern fabrication facilities and extensive machine, we are capable of handling any complication structure & specifications to consistently exceed our client's expectations.

## Safety Regulations

Safety and quality are two of the main pillars that the company stands on. In both these fields, there is zero tolerance for any kind of negligence. FAMSCO Steel upholds its safety through working in a clean and harmless environment. The safety department at FAMSCO Steel monitors every detail on site very carefully and thoroughly. All operations are to be safe for all workers, visitors and neighbors, in addition to the premises as well.





## Our Philosophy

Our business philosophy conforms to market changes, and reputation and quality will always come first. Standardize management in strict accordance with the ISO quality system, and stringent quality inspection processes to ensure that all components pass the inspection before leaving the factory.

## Our Experience

After more than 40 years of development, FAMSCO Steel has accumulated considerable experience. We have rich experience in steel structure engineering, manufacturing, and installation. From the project start to construction completion, we provide one-stop solutions. Our professional services help customers reduce overall costs and complete projects quickly. We offer a range of services, including Budget and planning, detailed design, procurement services, and project construction management, to meet all customer needs.





# Our Services

## 1 - Structural Building

Structural steel sections and welded plate members are designed in accordance with the applicable section, relating to designed in accordance with the applicable sections, relating to the design requirements and allowable stresses, of the AISI «Specification for the design, fabrication, and election of steel for buildings»



### - Building Length:

Building Length is the sum of all bay lengths. For flush end wall, this is measured as the distance between outside flanges of two end wall columns on opposite end walls. For by-pass end walls, it is measured as the distance between outer faces of wall girt along two end walls.

### - Building Width:

Width of a building is defined as the distance between the outer sides of two eave struts along two sides of the building.

### - Building Height:

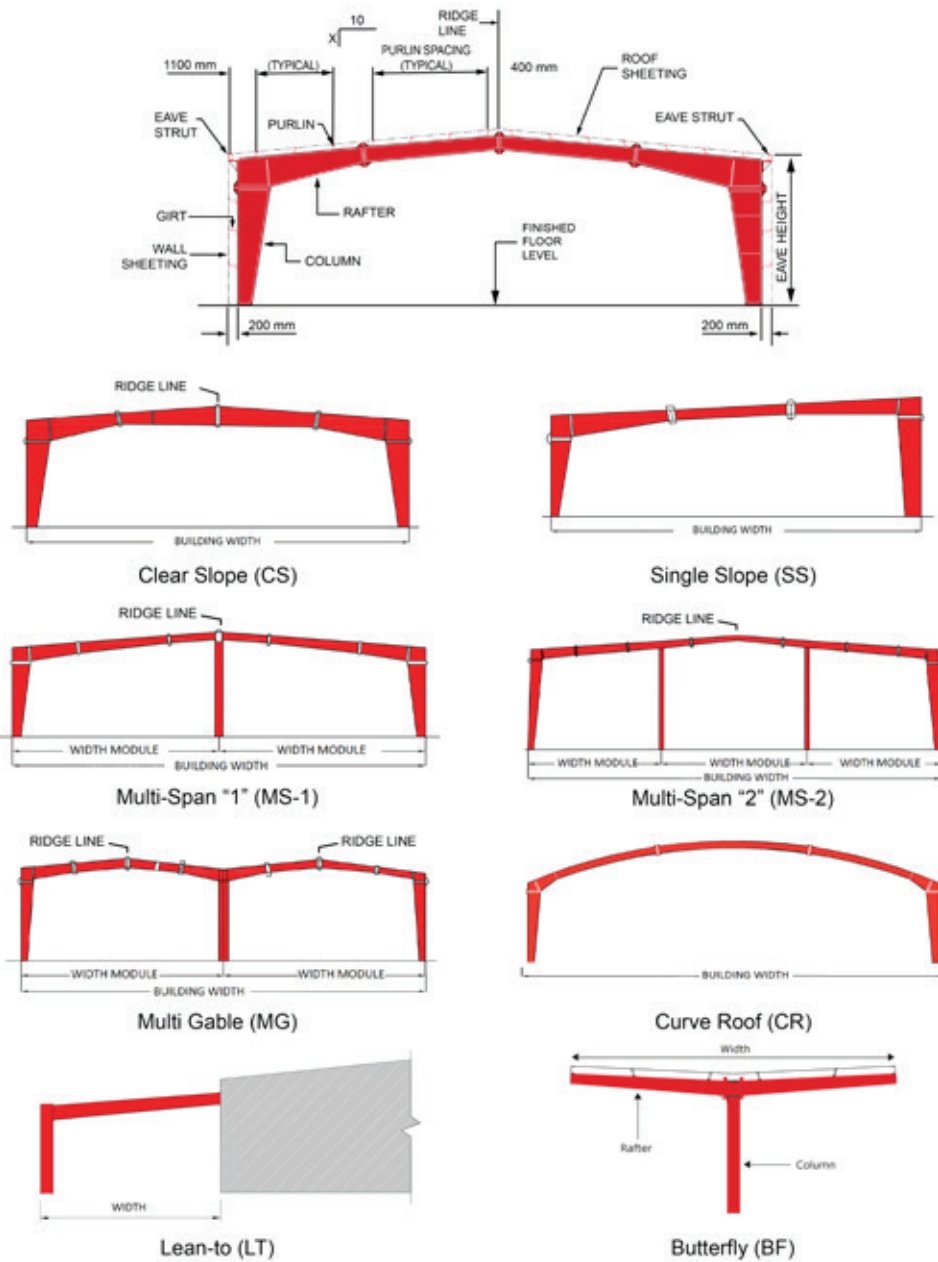
Roof Slope: This defined as the angle between roofline with the horizontal. Any practical roof slope is possible. Most commonly used roof slope is 1:10. Interior Bay Length: This is the distance between the center lines of two adjacent interior rigid frames. Most commonly interior bay lengths are 6m, 7.5m, 8m & 9m.

- Cold formed structural members and exterior covering and designed in accordance with the applicable sections, relating to the design requirements and allowable stresses, of the AISI « Specification for the design of cold formed steel structure members »
- The building manufacturer will furnish complete erection drawings showing anchor bolt settings, sidewall, and wall and roof framing, transverse cross-sections, covering and flashing details, and necessary installation details to clearly indicate the proper assembly of all buildings part.



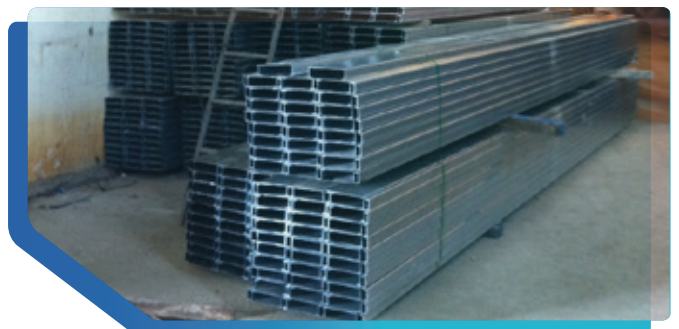
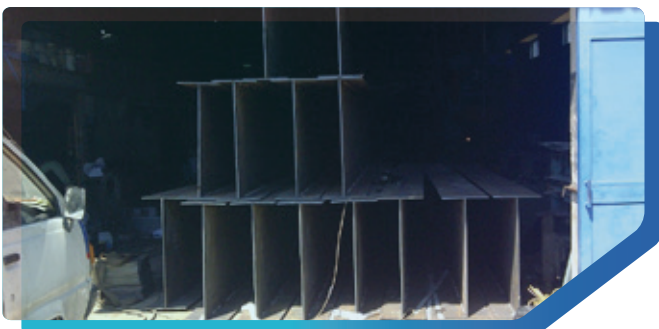
## 2- Pre-Engineered Building

Framing members are shop-fabricated for bolted field assembly.



- Primary framing shall be the main load carrying structural members consisting of columns and rafters. These members shall support secondary structural members. Rigid frame are comprised of two or more columns fixed to rafters using rigid (moment) connections.

- Secondary Framing (Purlins) steel structures refer to the functional components of steel structure except main stress components such as rafters and columns. Generally the secondary steel structures include purlin, tie rod, angle support, sleeve pipe, roof & column bracing.





**- Roof and wall panels**

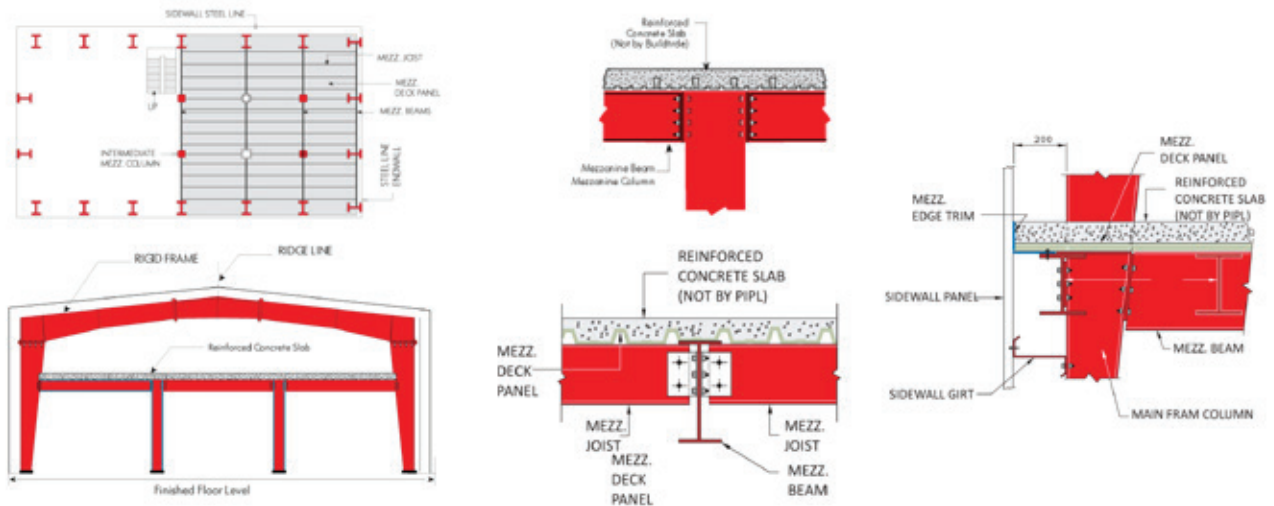
Framing members are shop- fabricated for bolted field assembly.

**- Structural subsystems**

(canopies, parapets, air vents, staircases)



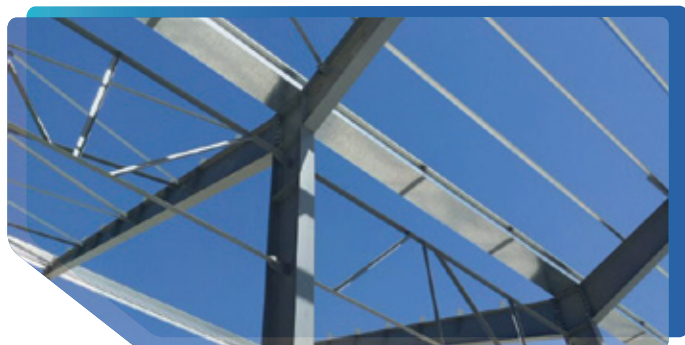
**- Mezzanine and steel metal decks**



**- Warehouse's doors**



**- Gutters**



**- Flashing**



**- Skylight**





### 3 - Cranes

Cranes are a highly versatile lifting device that can have curves, switches, turntables and can even connect to overhead bridge cranes or conveyors.

Manufacturers commonly utilize these cranes to relocate materials or products within a restricted location, as opposed to throughout an entire building. Crane capacity, distance between wheels, length of rails, lifting height, type may be customized according to your need.

A- MONO GIRDER CRANE



B- DOUBLE GIRDER CRANE



C- GANTRY CRANES



D- JIB CRANES



### 4 - Canopies

Steel canopies provide practical and durable protection from the sun and weather. Although they are often found near the entrance or exit of a facility, they can provide a number of applications ranging from school systems to warehouses to logistics. For our canopy projects, we custom build each project directly to customer specifications. Using our bolt together system, the steel canopy will be fabricated offsite and then shipped over to your facility ready to be put together.





## 5 - Weighbridges

Historically, weighbridges were originally designed to be installed over a pit which housed levers and other mechanical components. These allowed for the weighing platform to be connected to a balancing mechanism which was used to ascertain the vehicle's weight.



However, this construction proved to be limiting due to the separation between the weighbridge platform and its balancing element. Later developments have seen the implementation of load cells into weighbridges, allowing for the creation a wholly self-contained unit.

Furthermore, the transducer portion of a load cell provides a digital readout of the vehicle's weight which is far more accurate than the now-archaic methods used in the past.

The use of modern machines also affords operators the ability to monitor a weighbridge's performance from a separate location. Remote operation provides added safety for staff working with weighbridges and also offers flexibility to companies installing them on a more permanent basis.



## 6 - Custom Metal Fabrication

When you need something made from metal, you need metal fabrication – but that could be as crude as the use of an arc welder and a portable cutting torch. When you need something manufactured from metal to more exact specifications, whether it's for delicate metal decorations, steel construction beams, or something in between, what you really need is custom metal fabrication.

Custom metal fabrication employs a wide range of industrial tools and equipment that can cut, bend, roll and join metal into complex shapes and assemblies. The most common metals used are carbon steel, stainless steel, aluminum and copper. Some applications call for specialty metals, so custom metal fabrication also employs metallurgy when needed to determine the best metal for the job.





# Fabrication facilities



Raw Materials



Plasma Cutting Machine



3 in 1 Machine (Beams Assembly, Welding & Straightening)



Beams Straightening Machine



Hydraulic Hand Punching Machine



Hydraulic Ironworker Punching Machine



Hydraulic Shearing Machine



Hydraulic Bending Machines



Hydraulic Rolling Machine



Shot Blasting & Cleaning Machine



C-Profile Roll Forming Machine



Roof Panel Forming Machine



TOT Rolling Machine



Drilling Machine



Plates Rolling Machine



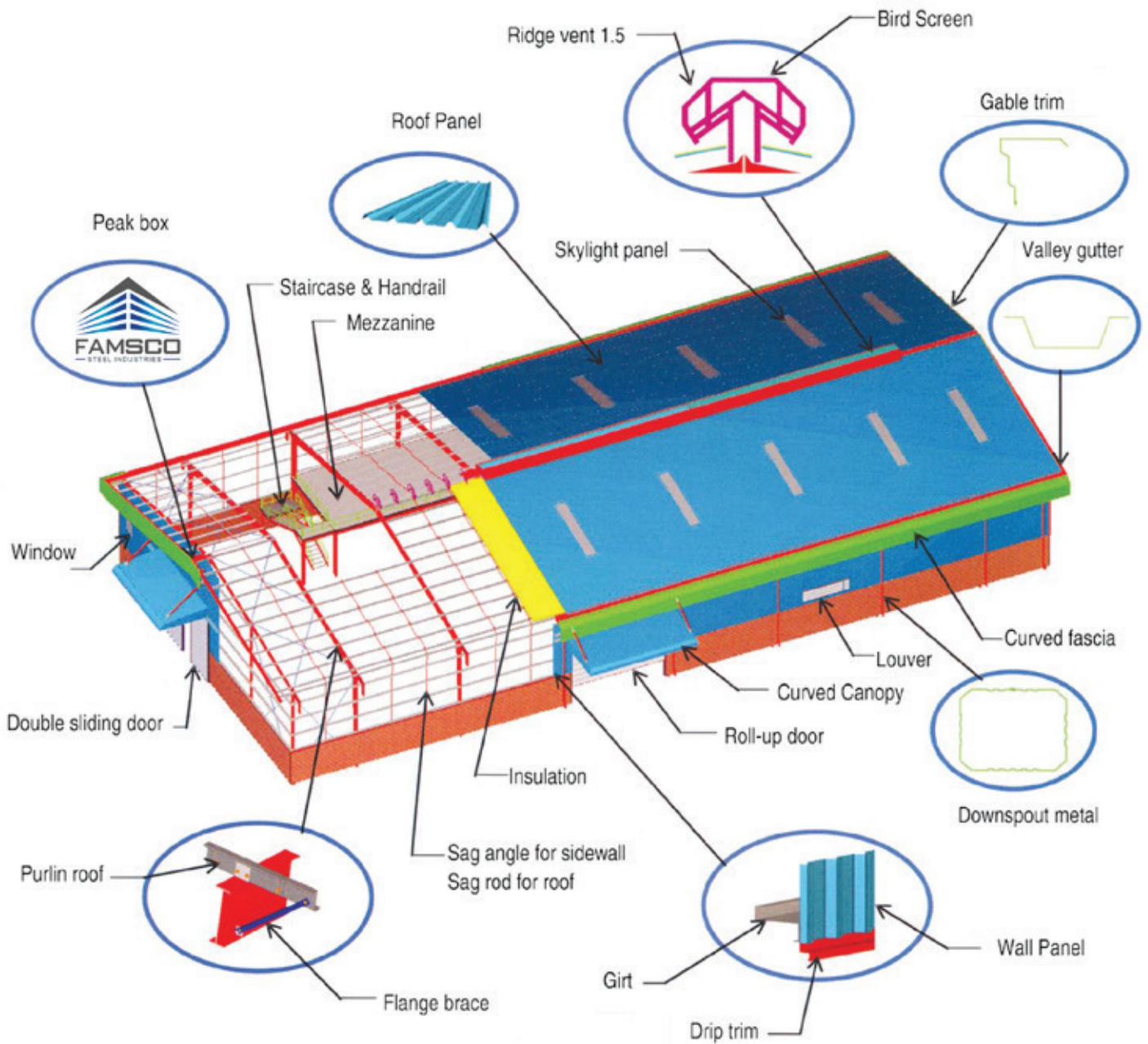
Deck Floor Machine



Post Weld Heat Treatment Machine



# General Design



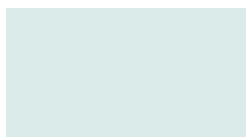


# Color & Accessories

## 1 - Color Chart for Panels



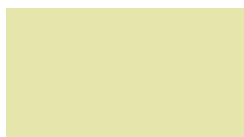
Green Tea



Light Grey



Royal Blue



Cream Beige



Zincalume

## 2 - Building Accessories



Anchor Bolt



Connection Bolt



Expansion Bolt



Hillside washer



Bead Mastic



Silicone Sealant



Fasteners



Industrial Louvers



Sliding Doors



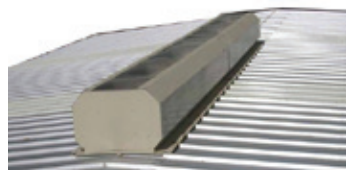
Aircraft hangar doors



Roll-ups Doors



Jack Roof Monitors



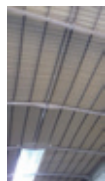
Ridge Vents



Skywall light  
Translucent Panels



Aluminium Windows



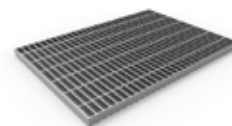
Roof & Wall Insulation



Staircase & Handrail



Ladder



Grating



# Portfolio

## International Projects



Cyprus - Alusteel Delmar Hotel



Cameron - TTIB Warehouse



Congo - Mona Steel



Gabon - Moussawi Gantry Crane



Nigeria - Unikem Boiler Structure



Nigeria - Unikem Warehouse

## Local Projects



Alfa Interfood - Beqaa



Metacube SARR - Amioun



Bou Chalhoub - Compost Waste Treatment - Beqaa



Sugar Refinery - Chekka



GERECO Warehouse & Crane & Weighbridge - Bkeftine







Hamod Glass - Crane - Dekwaneh



High Sky - Cow Farm - Beqaa



Holcim Cranes - Chekka



Holcim Kiln Tent - Chekka



Holcim Vrac - Chekka



Makhazen Warehouse - Chouwaifet



Medco Station - Bahsas



Metri Composting Drums - Jbeil



Mousawi Trading - Amroussieh



Philippe Haber Gantry Crane - Barsa



Rocaille Warehouse & Gantry Crane - Khan Bziza







Daaboul Salt Factory - Warehouses & Weighbridge - Anfeh



Super Clinic - Amioun



TTIB Wood - Tripoli Port



Bou Chalhoub Warehouse - Tyre



Wafra - Hesrayel



Holcim Weighbridge - Chekka



SLCB Crane - Chekka



Sugar Refinery Weighbridge - Chekka



Elias Helo Station - Daher Al Ain



Wilco Fuel Tanks - Chekka



Rafli Diab & Co - Gantry Crane - Kaferkahel

The background of the page is a photograph of industrial machinery. On the right side, a white unit is labeled "Hypertherm powermax 111". The image is partially obscured by a large blue diagonal graphic that covers the bottom half of the page.

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