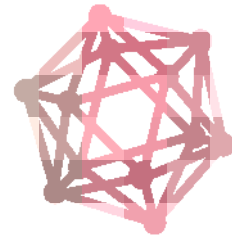


COMPANY
PROFILE

**SPACE FRAME
& PRE-ENGINEERED
BUILDINGS
MANUFACTURER**



Jazari Steel
(Pvt) Ltd.





HEAD-OFFICE

CONTENT

- 02 ISMAIL AL-JAZARI**
- 03 CEO MESSAGE**
- 04 WELCOME TO JAZARI STEEL**
- 05 ABOUT JAZARI STEEL**
- 06 RELIABILITY & QUALITY**
- 08 OUR NATIONAL WIDE FOOTPRINT**
- 10 OUR TEAM**
- 12 COMPLETE PROCESS**
- 13 CERTIFICATION**
- 14 DESIGN & DRAFTING**
- 16 PRODUCTION**
- 18 PAINT & PACKAGING**
- 19 ERECTION**
- 21 OUR SERVICES**
- 30 COMPLETED PROJECT**



JAZARI STEEL Inspired by ISMAIL AL JAZARI

The Legacy of ISMAIL AL JAZARI

Ismail Al-Jazari, born in 1136 AD in Cizre, Anatolia, is celebrated as a pioneering mechanical engineer of Arab descent. Fully known as Badi' al-Zaman Abul' Izz Ismail Ibn al-Razzaz Al-Jazari, he is distinguished for his monumental contributions to engineering. Not only was he an innovative engineer, but he was also an inventive genius, a creator of intricate handcrafted designs, and a scholarly bridge between ancient Greek and Muslim scientific knowledge.

Among his many inventions, Al-Jazari is famed for the design of the automated water clock, which was a marvel of engineering for its time, crankshaft and the elephant clock, an intricate device that showcased the fusion of cultural elements and mechanical complexity. These creations are just a glimpse into Al-Jazari's genius, which he meticulously documented in his writings, encapsulating a lifetime of work.

In honor of his creative spirit and enduring impact, we proudly named our company Jazari Steel Pvt Ltd.



CEO Message

Dear Valued Stakeholders,
At Jazari Steel Pvt Ltd, we stand at the forefront of innovation and excellence in Pakistan's steel industry. As the pioneer and sole manufacturer of space frame structures in our nation, we pride ourselves on advancing the capabilities of structural engineering. Our vision is clear and ambitious: to elevate the standard of pre-engineered building solutions in Pakistan. We are committed to delivering high-quality steel structures that not only meet but exceed international standards. Our focus is not just on serving the domestic market; we aspire to expand our horizons and become a global exporter of space frame structures and Pre-Engineered Buildings, thereby contributing significantly to Pakistan's economic development. Understanding the importance of sustainable growth, we are dedicated to creating employment opportunities and fostering a culture where the growth of our

company is intertwined with the prosperity of our staff. We believe in sharing our success, ensuring that the benefits of our achievements are distributed among our dedicated team members who are integral to our journey. Innovation is at the heart of our operations. We continually seek to push the boundaries of structural engineering, aiming to introduce groundbreaking solutions that redefine industry standards. Our focus is particularly set on developing economic zones and industrial buildings, recognizing their critical role in national progress. As we stride forward, our commitment remains unwavering: to provide exceptional quality, nurture innovation, and contribute positively to the development of Pakistan. Together, we are building a future that is robust, sustainable, and prosperous. Thank you for your continued support and trust in Jazari Steel Pvt Ltd. Sincerely, Rana Khadim Hussain
CEO, Jazari Steel Pvt Ltd



Building excellence with aesthetic design and versatile shapes



Welcome to JAZARI STEEL

JAZARI STEEL our business operations and culture are anchored on our core values and characteristics. It is our firm belief that by embracing these values, we will achieve success.

Can-do Attitude

Getting the job done against all odds



Proactive Problem Solving

Finding lasting solutions before problems arise



Surpassing Expectations

Doing more than is expected every time



Continuous Learning

Always searching for better ways of doing things



Responsibility and Accountability

Taking ownership of your work



Working Safe and Smart

Using technology to your advantage

About JAZARI STEEL

JAZARI STEEL (Pvt) Ltd. specializes in design, manufacturing, and installation of steel structures.

The company was formed by industry professionals having ample background in design and manufacturing of metal structures in Pakistan. This extensive experience enabled us to achieve this state of art manufacturing in Pakistan.

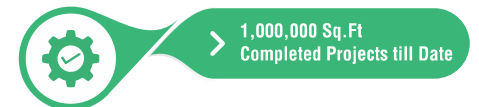
We offer complete solution from the design

to erection and ensure creation of structures that are not only compatible with client needs but also offer assurance of long life and great functionality.

Since its inception, JAZARI has designed and erected several steel structures throughout Pakistan, including Exhibition halls, Airport hangers, Parking and Factory sheds.



> Only Space Frame Manufacturer in Pakistan



> 1,000,000 Sq.Ft Completed Projects till Date



> Professional Technical Team Members



> CNC Machines With Skilled Workers



**PIONEER OF
SPACE FRAME
STRUCTURES IN
PAKISTAN**



PLANNING A BUILDING ? WE KNOW HOW TO ENGINEER YOUR DREAMS

JAZARI STEEL (PVT) LTD. uses special art design software and modern CNC equipment to deliver its best quality services.

- Design & Build Company
- Complete Construction Solution
- In-House Production
- Modern Software with Latest Technology
- Automated Machinery
- High quality Accessories
- Finish Product with excellent Quality
- Material Quality Control
- 100% satisfaction guarantee
- Highly Professional Staff



Reliability:

JAZARI has evolved into a reliable brand which is not less than any international competitor.

Quality:


JAZARI's own production plant strives to improve its technology, product and service quality.




Our National Wide Footprint



Jazari Steel
Pvt Ltd.

 Jazari Steel
Head Office

 Jazari Steel
Factory

 Jazari Steel
Space Frame

 Jazari Project Sites
Pre Engineering
Buildings

JAZARI STEEL BELIVES IN TEAM WORK

TEAM WORK DIVIDES
THE TASK AND MULTIPLIES
THE SUCCESS



Our Team



Rana Khadim Hussain
Managing Director



Aamir Khan Niazi
General Manager



Mujahid Hussain
Procurement Manager



Mohsin Sohail
Production Manager



Asad Ullah
Sr. Execution Engineer



Kashif Maqbool
Accounts Manager



Saba Khalil
Accounts Executive



Huzaifa Rasheed
Senior Draftsman



Samreen Gul
Structural Engineer



Rashid Bhatti
Purchase Manager (North)



Adeeba Batool
Technical Sale Engineer



Huzaifa Masood
Civil Engineer



Ghulam Ghous
Admin Officer



Muhammad Afzal
Chief Technician

WE DELIVER COMPLETE SOLUTIONS



CONTRACT & PLANNING

DESIGN & DRAFTING



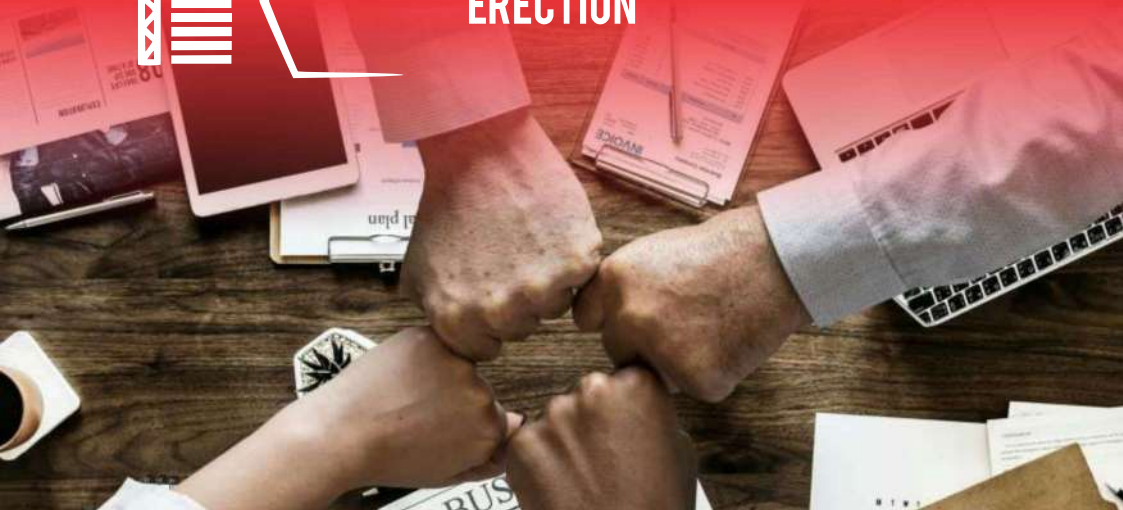
PRODUCTION



PAINT & PACKAGING



ERECTION



CERTIFICATION



DESIGN & DRAFTING

JAZARI's design possess in-depth technical knowledge and proficiency in the latest design and analysis software. This enables us to meet the needs of the client with maximum efficiency and economy while conforming to international safety, stability and resilience standards.

Our structural design team is meticulous in their approach which streamlines the design process and facilitates the fabrication of complex structural systems.



Structures designed at Jazari conform to the following latest international standards:



Our team is also equipped with state-of-the-art software that aids them in producing safe and economical yet complex designs to meet the needs of our clients. We have knowledge of latest drafting, structural design and FEM tools that help us streamline the design process and make transition from inception to completion as smooth as possible. We currently implement the following design tools:



SPACE FRAME PRODUCTION



NODE Forging



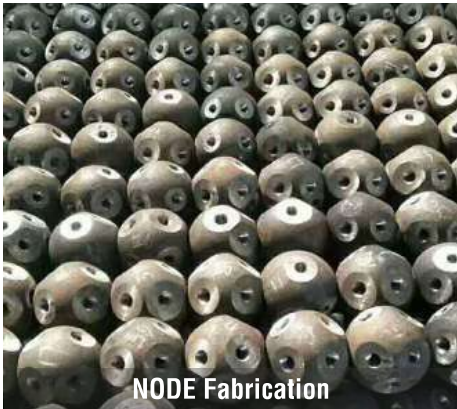
Cone Forging



NODE Fabrication



Bolts Forging



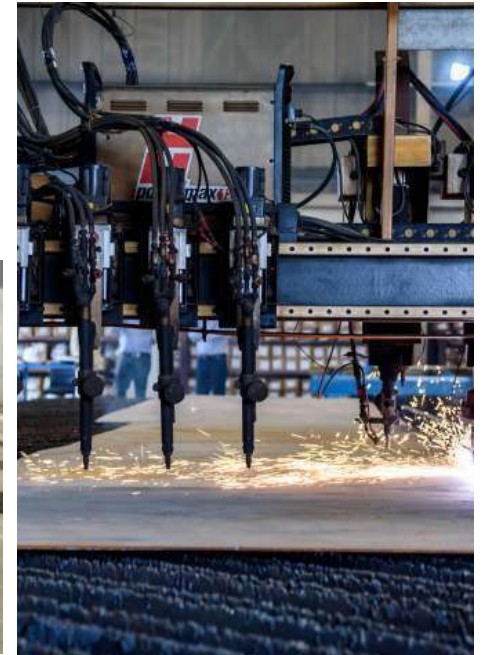
NODE Fabrication



Fabrication of Tubes

PEB PRODUCTION

JAZARI's production plant generates optimum geometry for each product as it connects design and manufacture processes through its in-house CAD system. All elements are manufactured with high technology CNC machines.



PAINT & PACKAGING

Unlike other structures which are painted at site, JAZARI's steel structures receive finished paint and 7 stage powder coating at factory. After inspection of each element and paint finishing, all the members are packed in specialized EPS packaging that protects the surface finish through transportation phase.



ERECTION

Before erecting the structure, JAZARI's engineers study the installation manoeuvres, by means of our own calculation tools. Steel Structures are then deployed using cranes considering all safety measures. At the completion of erection a comprehensive final inspection is done as per quality standards.



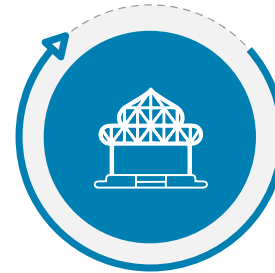
POST ERECTION

Space frame partially assembled on ground, lift into a position with the help of cranes and will undergo full & final comprehensive inspection. Engineers inspect all joints of structural elements such as tubes, bolt connection with nodes, in case of fully rigid connection engineers direct the accurate position to lift the structure.



Our Services

We Give
The Best
Steel Solutions



» Space frame Structure

Pre-Engineered Building



» Geodesic Domes

Barrel Vaults



» Standing Seam Lock Roofing



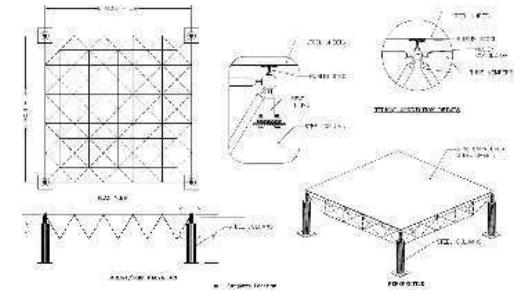
SPACE FRAME STRUCTURES

VERSATILITY OF SHAPE AND FORM



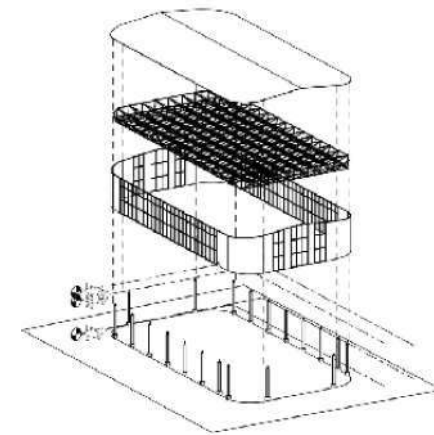
Space frame structures are sturdy, isotropic and lightweight 3d trusses. the proliferation of space frame globally is due to its significant structural potential, aesthetics. versatility and adaptability distinguish space truss systems, whose aesthetic appeal makes them ideal for small scale awnings and their ability to easily accommodate heavy loads makes the execution of long span structures possible.

Space frames possess versatility of shapes and form. they can utilize a standard module to generate flat grids, barrel vaults, domes and free form shapes.



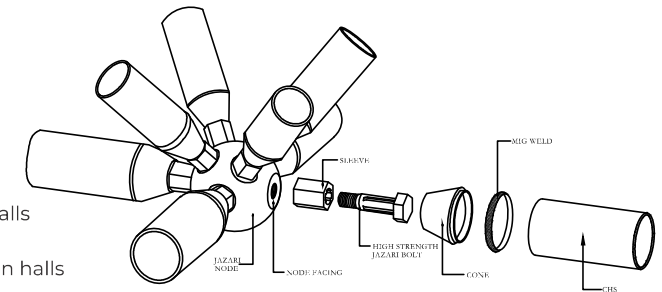
Types of Space Frame

- 1) **Plane Space Covers** with geometric pattern classified in single, double and triple layer structures.
- 2) **Organic Shape Structures** can be achieved in space frames.
- 3) **Barrel Vault** has a cross section of a simple arch. Mostly used for large span upto 130m.
- 4) **Spherical Dome** is a hemispherical thin-shell structure (lattice-shell) based on geodesic polyhedron.



Applications of Space Frames

- Industrial buildings
- Sports halls
- Warehouses
- Swimming pools
- Shopping centers and malls
- Swimming pools
- Conference and exhibition halls
- Stadiums with long spans
- Aircraft hangers
- Museum and fair houses



PRE-ENGINEED BUILDINGS

OPTIMIZED STEEL SOLUTION



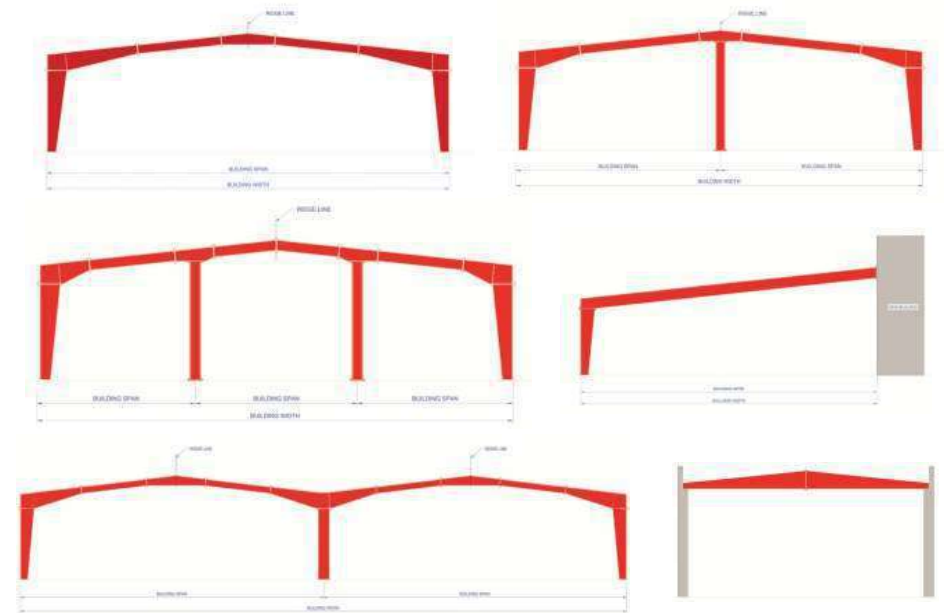
PEB-CONCEPT



WHAT IS PEB?

A Pre-Engineered Steel Building (PEB) is made of built-up sections, hot rolled sections and cold-formed elements, which are designed and manufactured at Jazari steel factory and then transported to your site for bolting and erection. We custom design and engineer your Industrial Shed such that you save your cost of civil construction and also begin your operations at the earliest.

TYPES OF PRE-ENGINEERED BUILDING.



WHY PRE-ENGINEERED BUILDING?

- Lighter Weight, efficient design & easy to construct
- Quick and Efficient Design
- Flexibility of Expansion
- Larger Spans
- Architectural Versatility
- Easy and simple future expansion
- Low maintenance and cost

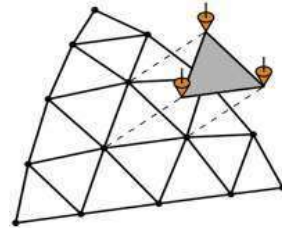
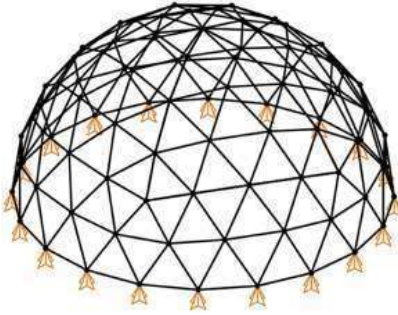
APPLICATIONS

- Factories
- Warehouses
- Industrial Shed
- Showrooms
- Parking Sheds
- Sport Complex
- Office Buildings
- Community Centers
- Airport Hangers
- Service Buildings
- Super-Marketes
- School & Hospital Buildings
- Auditorium
- Sport Halls




GEODESIC DOMES

INCREDIBLE STEEL STRUCTURE

A geodesic dome is a spherical space frame construction made out of a complicated triangular network. The connected triangles form a self bracing structure that is both structurally and aesthetically pleasing. The geodesic dome is the embodiment of the slogan "less is more," as a minimum of geometrically ordered construction components enable a design that is both sturdy and lightweight. The design provides a large amount of internal space without the use of columns or other supports.



WHY GEODESIC DOMES ?

-  Highly Customizable
-  Versatility in Shape and Dia
-  All-year, all-weather, all-climates
-  Quick Installation and Easy Mobilization
-  Light Weight & Structurally Strong

APPLICATIONS

- Sports Stadium
- Theatres
- Exhibition Halls
- Greenhouses
- Redomes
- Military & Emergency
- Shelters



65ft (20M) Marketing Office
Location: Faisalabad, Pakistan



100ft Exhibition Dome
Location: Lahore, Pakistan



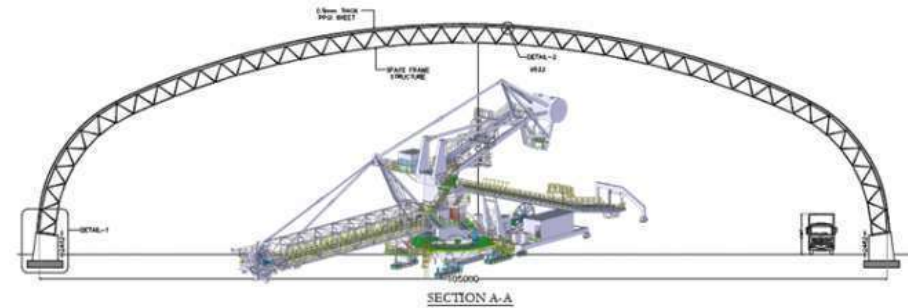
100 ft Marketing Office
Location: Faisalabad Pakistan



213ft (65M) Dolphin Arena
Location: Bahria Lahore, Pakistan

BARREL VAULTS

A barrel vault is a continuous arched structure that resembles the roof of a tunnel and semi-cylinder in shape. Barrel vaults are single curvature shell constructed and simplest form of vaults having a series of arches connected side by side that is one after another.



WHY BARREL VAULTS ?

- Installation Accuracy
 - Eco-Friendly
 - Lighter weight
 - Highly Stable
 - Large Clear Span
 - Cost Effective
- There are two types of barrel vaults

APPLICATIONS

- Storage Sheds
- Production Plants
- Terminal Buildings
- Restaurant Buildings



Long Span Barrel
Span over 50m



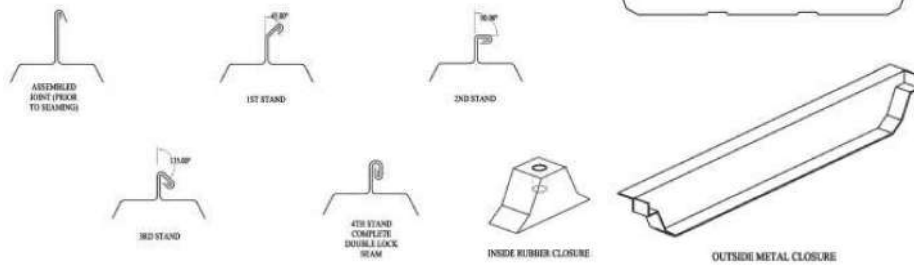
Short Span Barrel
Span less than 50m

STANDING SEAM LOCK ROOFING

JAZARI PROVIDES FM APPROVED SEAM LOCK ROOFING

Standing seam metal roofing is a concealed fixed roof system which features vertical ribs with a flat space or pan in between. The side edges of one roof panel are zipped or seamed along the length with the adjoining roof panels.

A standing seam metal roof is constructed of interlocked metal panels that run from the ridge of the roof to the eave. Standing seam roofs have been proven to be an excellent watertight, economic, and high performance roofing system.



JAZARI can supply, manufacture and install Standing seam lock roofing (A Screw Less roofing system) with local accessories as per Jazari standard.

BENEFITS OF SEAM LOCK ROOF SYSTEM

- Maximum Durability
- Reduce Risks of Leakage
- Weather Protected
- No Exposed Fasteners
- Resistance to Wind Uplift
- Easy Maintenance

STANDING SEAM LOCK ROOF SHEETING

- No exposed Fastener
- Different Color Options
- Different Material Options
- Architectural Freedom
- Sleek, Consistent & Modern Look
- Longevity & Life cycle
- Allowance for Thermal Movement
- Longevity & Life cycle
- Weather tight Warranties

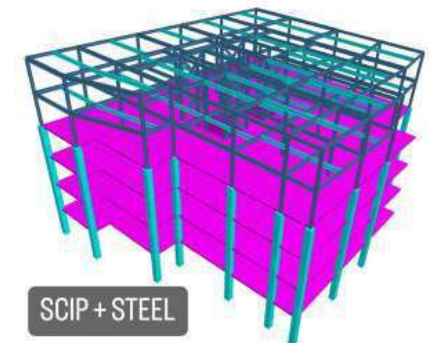


MULTI-STORY STEEL BUILDING

(ALI-CENTER MAIN MURREE ROAD RAWALPINDI)

Jazari steel has capability to design and manufacture multi-story steel building. Such building have many advantages like Quick Construction, Light weight, Low cost, Seismic & fire resistant capability as compare to concrete building.

Jazari manufactured 2-floor of Steel structure on 11,000sqft concrete Building at Ali-Center, Rawalpindi.



SUCCESSFULLY COMPLETED PROJECTS

Jazari Steel (Pvt) Ltd has successfully completed many projects in Pakistan by delivering its best quality, some large projects displayed below.

NUTECH / CTTI University Exhibition Area Structure

Type: Space Frame Structure
Location: Rawalpindi, Pakistan



National University of Technology



Falcon Design at Main Gate Entrance

Type: Welded Frame Structure with 50ft Cantilever
Location: PAF Base Bholari, Hydrabad Pakistan



Pakistan Airforce



NUR Khan Engineering Complex, Maintenance Hanger

Type: Space Frame Structure
Location: Islamabad International Airport, Pakistan



Workshop Structure at JW Motors Islamabad

Type: Space Frame Structure
Location: Plote #02, H 13 Sirinagar highway , Islamabad, Pakistan



SUCCESSFULLY COMPLETED PROJECTS (Continued)

TGS SAPS, Warehouse & Workshop

Type: Pre-Engineered Building System
Location: Islamabad International Airport, Pakistan



Skylight

Type: Space Frame Structure
Location: Rawalpindi, Pakistan



National University of Technology



PIA International Parking in Space Frame Structure

Location: Islamabad International Airport, Pakistan



Rescue Hanger for Pakistan Air-Force

Type: Pre-Engineered Building System
Location: PAF Base Bholari, Hyderabad Pakistan



Pakistan Airforce



SUCCESSFULLY COMPLETED PROJECTS (Continued)

Auditorium Hall

Type: Space Frame Structure
Location: Rawalpindi, Pakistan

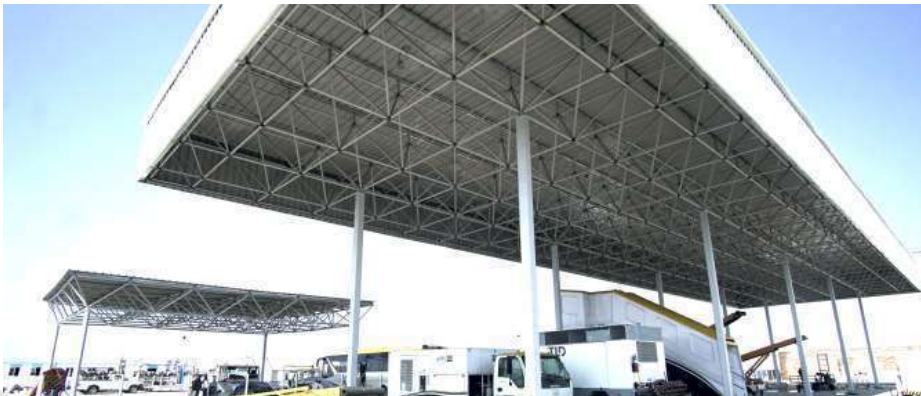


National University of Technology



PIA International Parking Sheds

Type: Space Frame Structure
Location: Islamabad International Airport, Pakistan



Carpet Factory in Hattar

Type: Space Frame Structure
Location: Hattar, KPK Pakistan



Workshop for Royal Airport Services at IIA.

Type: Pre-Engineered Building System
Location: Islamabad International Airport, Pakistan



SUCCESSFULLY COMPLETED PROJECTS (Continued)

Islamabad Club Cricket Pavilion

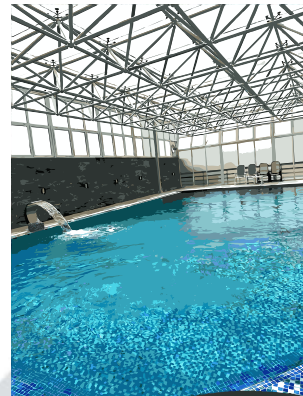
Type: SCIP (Structural concrete insulated) with Standing Seam Lock Roofing System Panels
Location: Islamabad, Pakistan



Swimming Pool

Type: Space Frame Structure Covered with Glass.
Location: Gulberg Green Islamabad, Pakistan

Ali-Masood



Parking Shed ULD Domestic

Type: Space frame Structure
Location: Islamabad International Airport, Pakistan



Rudn Enclave Mosque (Masjid)

Type: Space frame engineering system with SCIP walls and Standing seam roof sheet lock system.
Location: Rudn Enclave Society, Pakistan



SUCCESSFULLY COMPLETED PROJECTS (Continued)

PTI Central Secretariate Office

Type: Space frame Structure System
Location: PTI secretariate Islamabad, Pakistan



Pakistan Tehreek-e-Insaf



Parking Shed C1

Type: Space Frame Structure
Location: Islamabad International Airport, Pakistan



Wedding Hall in arch Shape

Type: Barrel Vaults, Space frame Structure
Location: Wazirabad, Gujranwala



Eden Garden & Banquet



Sport Complex & Bowling Alley, MP Hall-2 Buildings

Type: Pre-Engineered Building System
Location: PAF Base Bholari, Hyderabad Pakistan



SUCCESSFULLY COMPLETED PROJECTS (Continued)

Storage Shed.

Type: Space frame Structure System
Location: CDA Industrial triangle, Kahuta Rd, Islamabad



PIA PEC Hanger

Type: Space Frame Structure
Location: Jinnah International Airport, Karachi Pakistan



MBC Skylight

Type: Space Frame Structure
Location: I9-Islamabad Pakistan



Medicine Factory

Type: Pre-Engineered Building System
Location: Rashkai Industrial Zone, Mardan Pakistan



G&S MEDCURE (PVT.) LTD.



SUCCESSFULLY COMPLETED PROJECTS (Continued)

Dolphin Arena, 200ft Dia Dome

Type: Geodesic Dome, Space frame Structure
Location: Bahria, Lahore Pakistan



Pine Court Structure

Type: PEB- Structure System
Location: Pine Court Resort, Bhurban



Client: The Pine Court Luxury Resort



Swimming Pool, Multan

Type: Organic Space Frame Structure
Location: Multan Cantt, Pakistan



Roof Skylight (5-No.s)

Type: Space frame Structure System
Location: DHA Phase-V, Rawalpindi Pakistan



Client: Defense Housing Authority



SUCCESSFULLY COMPLETED PROJECTS (Continued)

Multi-Purpose Hall

Type: Arch Shape, Space frame Structure
Location: DHA Phase-V, Rawalpindi Pakistan



Client: YUKON Builder & Developers



30m Geodesic Dome

Type: Space Frame Mero Node Joint System
Location: Faisalabad



Swimming Pool, Multan

Type: Organic Space Frame Structure
Location: Multan Cantt, Pakistan



nucleus

Client: Nucleus Pakistan



Roof Top Structure.

Type: Space frame Structure System
Location: I8 Markaz, Islamabad

Client: Rana Qaisar, Phantom Mall



SUCCESSFULLY COMPLETED PROJECTS (Continued)

Building Facade in Space Frame

Type: Space frame Structure
Location: Bahria Town Phase 8, Rawalpindi



Client: Siddique Trade Center



Parking Shed C1

Type: Space Frame Structure
Location: Islamabad International Airport, Pakistan



Client: Shaheen Airport Services



100ft Dia Spherical Dia Dome

Type: Space frame Structure in Dome Shape
Location: Downtown Faisalabad, Pakistan



Jazari Production Hall-01

Type: Space frame Structure System
Location: Plot No.26, Allama Iqbal Industrial Estate



SUCCESSFULLY COMPLETED PROJECTS (Continued)

Prime Banquet Marquee

Type: Space frame Structure
Location: Township Block 2 Twp Lahore, Pakistan



Client: Prime Banquet Hall & Marquee



Movenpick Restaurant 20th Floor, Centaurus

Type: Space Frame Structure
Location: Centaurus Islamabad, Pakistan



Ali-Center, 2-Floors in Steel Structure

Type: Multi-Story Conventional Steel Building
Location: Opposite Gratto Jalebi Main Muree Road, Pakistan

ALI CENTER



Glass Skylight

Type: Space frame Structure System
Location: Buner, KPK Pakistan



SUCCESSFULLY COMPLETED PROJECTS (Continued)

Sirtex Factory

Type: Space frame Structure
Location: Faisalabad, Pakistan



Traffic Section Building

Type: SPEB-Building
Location: PAF Bholari, Hydrabad



Client: Usmania International Associates



Standing Seam in Hunza

Type: Standing Seam Lock Roofing System
Location: Hunza, Pakistan



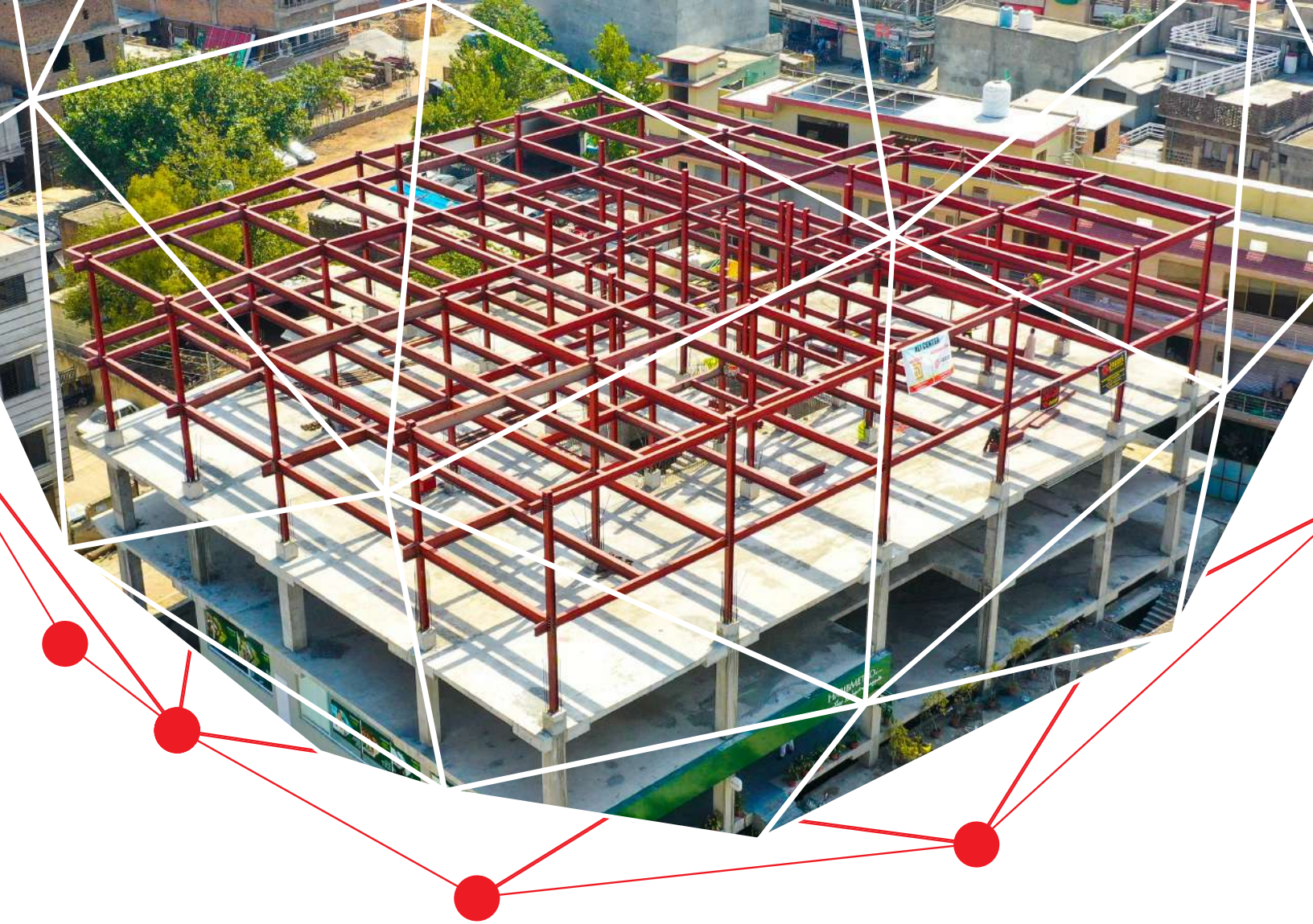
Aga Khan Health Services



65 Dia Dome, Marketing Office

Type: Space frame Structure System
Location: Jazari Steel Factory, Faisalabad





Jazari

Steel Pvt Ltd.



Office at 36, Mujahid Business Center I-9/2, Islamabad - Pakistan



sales@jazari.com.pk
gm@jazari.com.pk



www.jazari.com.pk



UAN: +92 51 6133466



/jazaristeelstructure



+92 330 9131381
+92 337 9230939



/jazari_steel_pvt_ltd



/jazaristeelstructure



/jazaristeel