

ENGINEERED ABOVE. BUILT TO LAST.

Steel. Fabric. Precision.
One accountable partner.



STEEL
FABRICATION



CIVIL WORKS
& FOUNDATIONS



WAREHOUSES
& HANGARS



FABRIC
& TENSILE SHADES



INTERIOR
& EXTERIOR WORKS



Capability illustration



FROM FABRICATION TO INSTALLATION.



STORAGE & INTERIOR



ROOF STRUCTURE DETAIL

Illustrative warehouse concepts; not as-built photographs or engineering drawings.

FROM WORKSHOP TO SITE.

Fabrication, supply and installation under a defined scope.

A practical project partner

BeamLine supports contractors, developers and project teams across Saudi Arabia with steel, tensile-fabric and related construction packages. Based in Riyadh, we bring fabrication and site requirements into one project conversation.

Whether the requirement is a complete shade structure, a warehouse frame, a set of fabric panels or a repeat order of metal components, we start with the drawings, quantities and intended use. This keeps the proposal connected to the actual job.

A connected range of work

Steel: structural frames, trusses, canopies and fabricated metalwork.

Fabric: pattern cutting, membrane work and shade systems.

Components: U-bolts, plates, brackets, fixings and accessories.

Processing: laser metal cutting, bending and project-specified finishes.

Construction: civil works, installation and interior/exterior packages within the agreed scope.

We can discuss a single work package or coordinated requirements, with responsibilities and deliverables made clear before work begins.

STRUCTURE WITH PURPOSE. DETAILS THAT CONNECT.

Frames, trusses, canopies and fabricated steel components.

PQD project photograph - tonal enhancement; King Khalid International Airport, Riyadh

Fabrication around your drawings

Our steel scope includes warehouse frames, roof trusses, shade-support structures, platforms, brackets and connection details. Components are developed around the approved drawings and the responsibilities defined in the project package.

Work may include material preparation, cutting, fit-up, welding and assembly, followed by the specified protective finish. Connection locations, interfaces and site access should be coordinated before fabrication and erection are released.

From individual parts to assemblies

Structural packages: columns, beams, rafters, trusses and associated steelwork.

Fabricated details: base plates, connection plates, cleats, brackets and supports.

Architectural metalwork: screens, partitions and interior/exterior steel features.

Installation: site assembly and erection within the awarded scope.

Member sizes, connection design, coating systems and acceptance requirements remain specific to the project. Engineering checks and approvals are separate agreed deliverables, not implied by marketing visuals.

FOR A CLEAR STEEL QUOTATION

Provide structural drawings, member schedules, quantities, coating requirements, site location and installation scope.



FROM FABRIC PATTERN TO FINISHED FORM.

Cut panels, prepare the details and complete the shade system.

Cinematically enhanced capability illustration; machinery shown is illustrative

Pattern cutting and fabrication

A fabric structure begins with the panel layout. BeamLine supports fabric-pattern cutting and preparation around the approved shape, dimensions and connection details, so the fabric work can be coordinated with the supporting steel.

The agreed package may include panel preparation, joining or assembly requirements, edge detailing and fixing accessories. Material selection and the method of fabrication depend on the specified fabric system and the intended application.

Applications and project interfaces

Tensile shades: architectural shade structures and covered outdoor areas.

Canopies and hangars: project-specific fabric-covered structures.

Replacement fabric: panels prepared against confirmed site dimensions.

Associated details: fabric-fixing plates, brackets and agreed accessories.

Fabric patterns, seams, edges and anchorage interfaces must work together. Final geometry, tensioning requirements and structural checks follow the approved project design rather than a generic catalogue image.

FABRIC ENQUIRIES

Send the design or existing dimensions, fabric specification, colour, required quantities and details of the supporting structure.

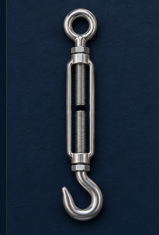


FABRIC CORNER CONNECTION

Membrane plate / tensioning / column interface



JAW-JAW
TURNBUCKLE



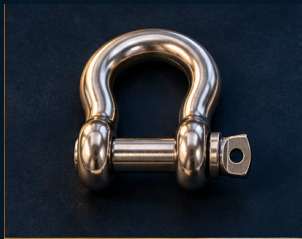
HOOK-EYE
TURNBUCKLE



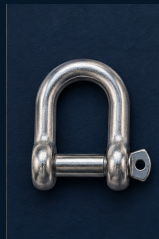
J-HOOK
TENSION HOOK



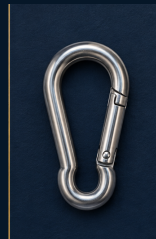
U-BOLT
THREADED FIXING



BOW SHACKLE
PIN CONNECTION



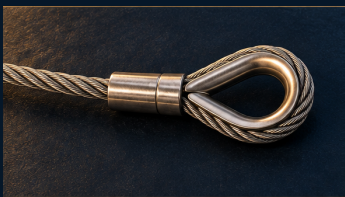
D-SHACKLE
SCREW PIN



SNAP HOOK
CONNECTOR



WIRE-ROPE
U-BOLT CLIP



WIRE ROPE
THIMBLE & FERRULE



CORNER PLATE
FABRIC CLAMP



TRIANGULAR RING
MEMBRANE CORNER



KEDER TRACK
BEAD RETENTION

Connection reference supplied by client; fittings illustrated by type, not to scale or load rating.

FROM EDGE TO ANCHOR.

Fabric connections, tensioning hardware and cable-edge details.

Fabrication and supply. BeamLine supports custom corner plates, brackets and fixing details alongside standard tensioning hardware. Wire-rope assemblies, hooks, U-bolts, shackles, keder details, nuts and washers can be discussed within the agreed component schedule. Confirm the drawing, material, finish and quantity for each item.

A coordinated connection package. The membrane corner, edge cable and supporting steel must work together. Final fitting selection, geometry, corrosion protection, load suitability and installation details follow the approved project specification. These samples illustrate component families; they are not an engineering design or proof of a load rating.

A photograph of two male workers in blue uniforms and white hard hats standing in a factory. One worker is holding a tablet. In the background, there are stacks of metal and industrial equipment.

PRECISION IN THE CUT. PURPOSE IN THE FORM.

Custom profiles, decorative screens and formed metal components.

Cinematically enhanced laser-cutting capability illustration

Laser metal cutting

Bring the profile from the drawing into a usable metal component. Our scope includes cutting for plates, brackets, screens, panels and custom parts, with the required material, thickness and geometry agreed before production.

Applications range from structural connection details to architectural metal screens and interior/exterior features. The cutting requirement should identify holes, edge profiles, quantities and any features that need further processing.

Metal bending and further fabrication

Bending turns a flat blank into a formed component: angles, folded panels, channels, trims and other project-specific details. The drawing should define the required form, bend positions and important fit-up dimensions.

Cut and bent parts can be discussed alongside welding, assembly and finishing where these are included in the scope. Confirm tolerances, visible surfaces and coating requirements as part of the enquiry.

Repeat parts: include the current drawing revision and any approved sample details so the next order can be reviewed against the same requirement.

READY TO DISCUSS YOUR METALWORK?

Send the drawing, metal type, thickness, quantity, tolerances and finishing requirements. We will review the requested package.

IDEAS. STRUCTURES. SPACES.

*Concept studies, followed by selected project references from our PQD.



Architectural shade concept

Illustrative concept - not completion evidence.



Warehouse interior concept

Illustrative concept - not completion evidence.



SAL, Jeddah

Car-parking shade structures.



Rub Al-Khali

Warehouse steel frame.



Dammam

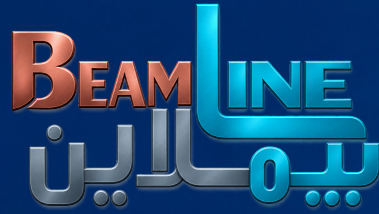
Cable-supporting shade reference.



Architectural metalwork

Laser-cut steel partition screens.

Source project gallery: supplied BeamLine PQD. Contact us to discuss a comparable scope.



YOUR NEXT LANDMARK STARTS HERE.

STEEL STRUCTURES / TENSILE FABRIC / METALWORK

FABRICATION / SUPPLY / INSTALLATION



LET'S DISCUSS YOUR NEXT PROJECT.

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Riyadh, Saudi Arabia | Capability illustration