PRODUCT RANGE OVERVIEW

Steel Structure Products, Components and Envelope Systems

This overview lists the product families we review and fabricate, the inputs each review needs, and the support scope available for a project. Technical scope, commercial terms and delivery expectations are confirmed manually before any quotation.

01 Building systems

Steel Structure Warehouse

BUILDING SYSTEMS

A configurable steel warehouse system for storage, distribution and logistics facilities.

Typical use: Logistics warehouse; Distribution center; Industrial storage

Support scope: Drawing and BOQ review; Steel frame scope clarification; Roof and wall system coordination

Inputs to review: Project country and building use; Length, width and height; Design loads and applicable standard

Steel Workshop Building

BUILDING SYSTEMS

A practical steel workshop building for fabrication, assembly, maintenance and production use.

Typical use: Fabrication workshop; Maintenance workshop; Assembly facility

Support scope: Layout and clearance review; Crane requirement clarification; Drawing and BOQ review

Inputs to review: Workshop process and layout; Building dimensions; Crane data when applicable

Industrial Steel Building

BUILDING SYSTEMS

A steel factory and industrial building concept coordinated around process, loads and expansion needs.

Typical use: Steel factory building; Manufacturing plant; Processing facility

Support scope: Building layout review; Steel beam and column scope clarification; Fabrication support

Inputs to review: Process layout; Dimensions and clear height; Equipment and imposed loads

Portal Frame Building

BUILDING SYSTEMS

A portal-frame steel building format for clear-span industrial, storage and commercial applications.

Typical use: Warehouse; Workshop; Agricultural building

Support scope: Frame, beam and column arrangement review; Drawing and BOQ review; Secondary steel coordination

Inputs to review: Span and bay spacing; Eave height; Wind, snow and seismic inputs

Project requirements, technical scope, commercial terms and delivery expectations require manual review before quotation.

Steel Structure Hangar

BUILDING SYSTEMS

A wide-opening steel structure hangar concept for aircraft, equipment and large-item access.

Typical use: Aircraft hangar; Equipment shelter; Maintenance hangar

Support scope: Clear-span review; Opening and clearance coordination; Structural scope review

Inputs to review: Required clear opening; Building dimensions; Door system information

Cold Storage Building

BUILDING SYSTEMS

A steel building and insulated envelope concept for temperature-controlled storage projects.

Typical use: Cold-chain warehouse; Food storage; Temperature-controlled logistics

Support scope: Steel frame scope review; Panel interface review; Opening coordination

Inputs to review: Target building use; Temperature requirement; Panel specification

Prefabricated Steel Building

BUILDING SYSTEMS

A prefabricated steel building approach coordinating structure, components and site assembly information.

Typical use: Industrial building; Warehouse; Workshop

Support scope: Component scope review; Drawing and BOQ review; Marking and packing planning

Inputs to review: Building use and dimensions; Design criteria; Envelope requirements

02 Structural components and envelope systems

Steel Truss

STRUCTURAL COMPONENTS

Fabricated steel truss components for long-span and project-specific structural applications.

Typical use: Long-span roof; Industrial building; Commercial structure

Support scope: Fabrication drawing review; Material and connection scope review; Welding requirement clarification

Inputs to review: Approved geometry; Member schedule; Connection details

Steel Purlin

STRUCTURAL COMPONENTS

Secondary steel purlin members coordinated with roof and wall systems.

Typical use: Roof secondary framing; Wall secondary framing; Warehouse

Support scope: Schedule and quantity review; Section scope clarification; Coating review

Inputs to review: Section designation; Thickness and length; Quantity schedule

Sandwich Panel

ROOF AND WALL SYSTEMS

Insulated roof and wall panel options for project-specific building envelope requirements.

Typical use: Cold storage; Industrial roof and wall; Warehouse envelope

Support scope: Panel schedule review; Roof and wall scope clarification; Accessory review

Inputs to review: Panel application; Core and thickness requirement; Facing and color

Project requirements, technical scope, commercial terms and delivery expectations require manual review before quotation.

03 Applications we review most often

Logistics & Warehousing	Storage flow, clear span, loading access, racking interfaces and future expansion shape the building scope.
Manufacturing	Production layout, equipment loads, crane requirements, utilities and working clearance require early coordination.
Mining & Heavy Industry	Service conditions, equipment interfaces, corrosion exposure and maintenance access must be clarified.
Agriculture	Building use, ventilation, storage conditions, openings and local environmental loads guide product selection.
Cold Chain	Structural and insulated envelope scope must be coordinated with temperature and vapor-control requirements.
Aviation & Large Access	Clear opening, door geometry and operational clearance are key early inputs for hangar review.
Commercial & Mixed Use	Architecture, fire strategy, occupancy and local approval requirements must be defined by the project team.

04 How a review starts

- [ ] **Raw material receiving:** Material identity, dimensions and documentation are checked against confirmed project requirements.
- [ ] **Cutting:** Approved member information guides plate and section preparation.
- [ ] **Assembly:** Components are fitted and checked against approved fabrication information.
- [ ] **Welding:** Welding requirements and inspection scope follow confirmed project documentation.
- [ ] **Straightening:** Member geometry is checked and corrected within the confirmed acceptance criteria.

Talk to the steel structure team

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Send project country, building use, dimensions, drawings or BOQ, supply scope and destination port for a manual scope review.

Project requirements, technical scope, commercial terms and delivery expectations require manual review before quotation.