



VAGOT ENGINEERING

PROJECT MANAGEMENT | DESIGN | CONSTRUCTION

C O M P A N Y S E R V I C E S



ABOUT US

The company operates as a technical engineering and construction firm providing **Project Management, Structural Design, and Managed Construction Services & Delivery**, with a strong specialization in steel structures. Its team combines engineering precision with extensive on-site experience to deliver projects that are safe, efficient, and executed to the highest quality standards.

From concept development and design coordination to execution support and final delivery, each stage of a project is managed with a consistent focus on **cost control, scheduling, constructability, and regulatory compliance**. Whether acting as project lead, supporting the main contractor, or serving as an independent technical partner, the company ensures reliable outcomes and seamless collaboration among all stakeholders.

To guarantee accuracy, speed, and full technical documentation, we work with advanced engineering software and BIM workflows, including:

- **TEKLA Structures** for detailed steel design, shop drawings, and fully coordinated **BIM models**
- **FESPA** and **RFEM** for structural analysis, verification, and design according to applicable standards
- **IDEA StatiCa** for high-level **connection design** and structural detailing

With a mindset focused on performance and quality, we deliver steel projects that meet modern requirements for **strength, durability, and optimized fabrication**—supporting our clients with engineering that is both practical and build-ready.





PROJECT MANAGEMENT

Planning & Scheduling Control

Full project planning, timeline setup, progress monitoring, and coordination of all stakeholders to ensure on-time delivery.

1.

Cost Management

Accurate procurement cost estimation, budgeting, supplier comparisons, and detailed Bill of Materials (BoM) to keep costs controlled and transparent.

2.

Contractor Management

Full coordination of fabricators, developers, and builders, including site supervision, technical issue resolution, and compliance monitoring to ensure seamless End-to-End Project Delivery.

3.

STRUCTURAL DESIGN



Structural Analysis

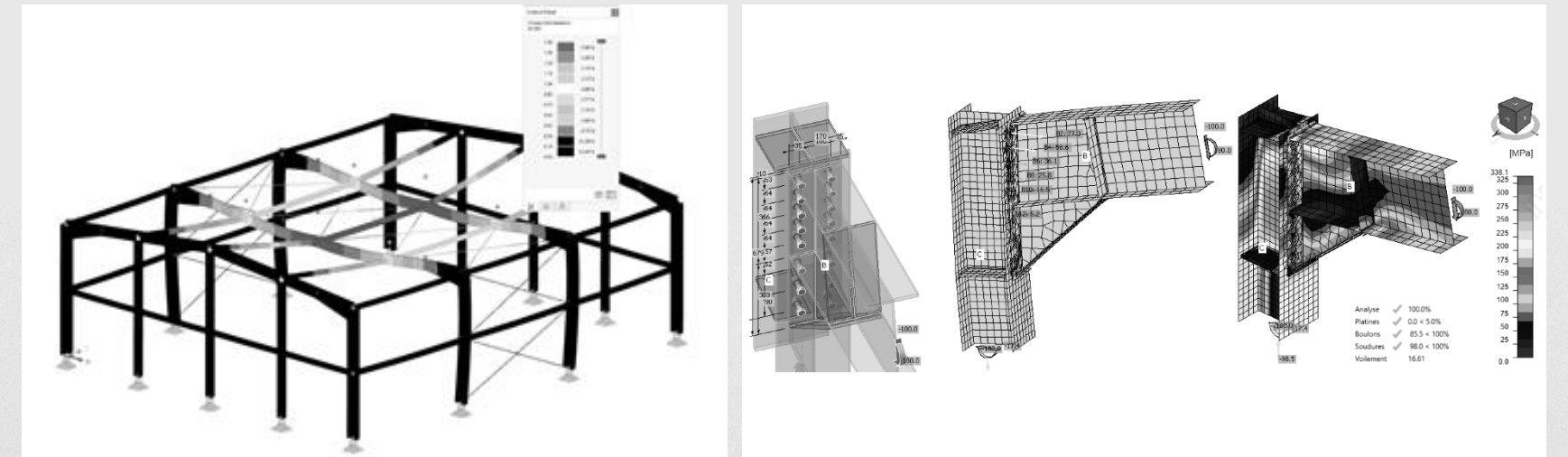
Our team and partners has extensive experience in **structural analysis and design**, supported by a strong engineering background and involvement in demanding projects worldwide. We consistently apply advanced methods and make sophisticated use of the latest structural analysis software to deliver reliable, efficient, and fully compliant design solutions.

We remain fully committed to the critical safety scope of every project, ensuring strict adherence to all **stability, strength, and regulatory requirements**. Our structural analysis services cover the complete project lifecycle—from **conceptual design** and early-stage feasibility to **detailed design** and final verification.

Steel Connection Design

Our engineers and partners have the expertise to interpret structural analysis results and perform the required calculations to design **steel connections** for any type of structure.

Regardless of complexity, we combine **IDEA StatiCa** and **Tekla Structures** to achieve optimized, safe, and fully buildable connection solutions. All designs and calculations are carried out in strict accordance with **project specifications and applicable standards**, ensuring high-quality, reliable results.



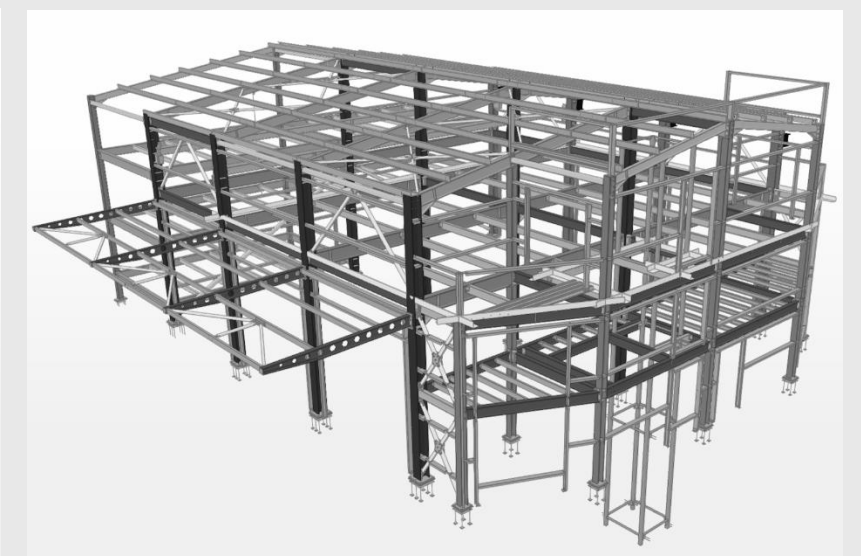
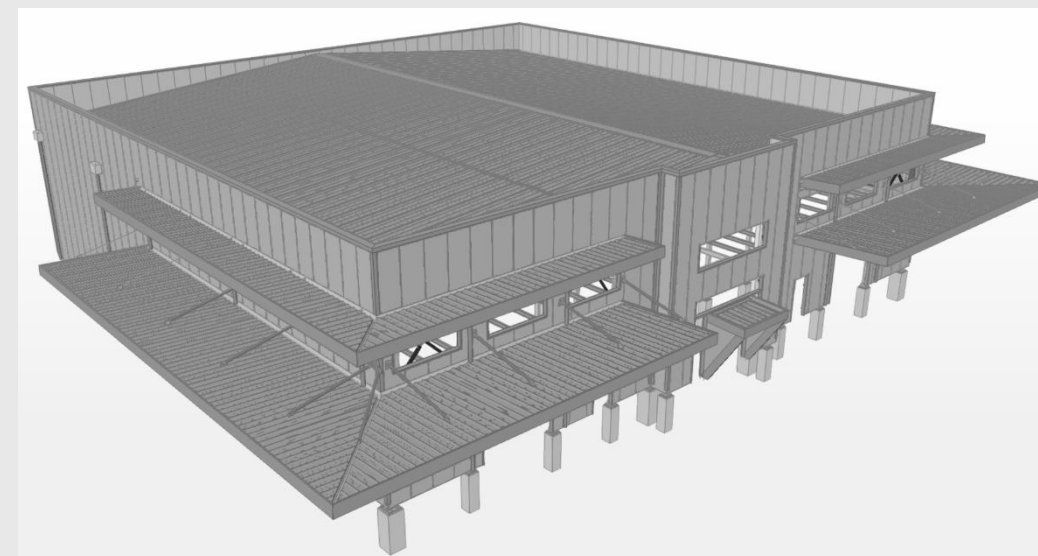
STEEL DETAILING | BIM

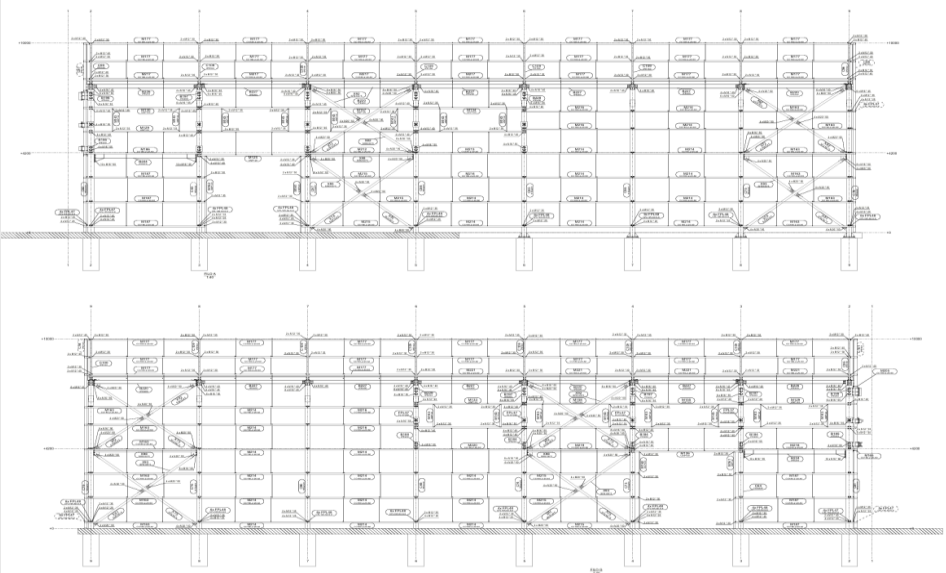
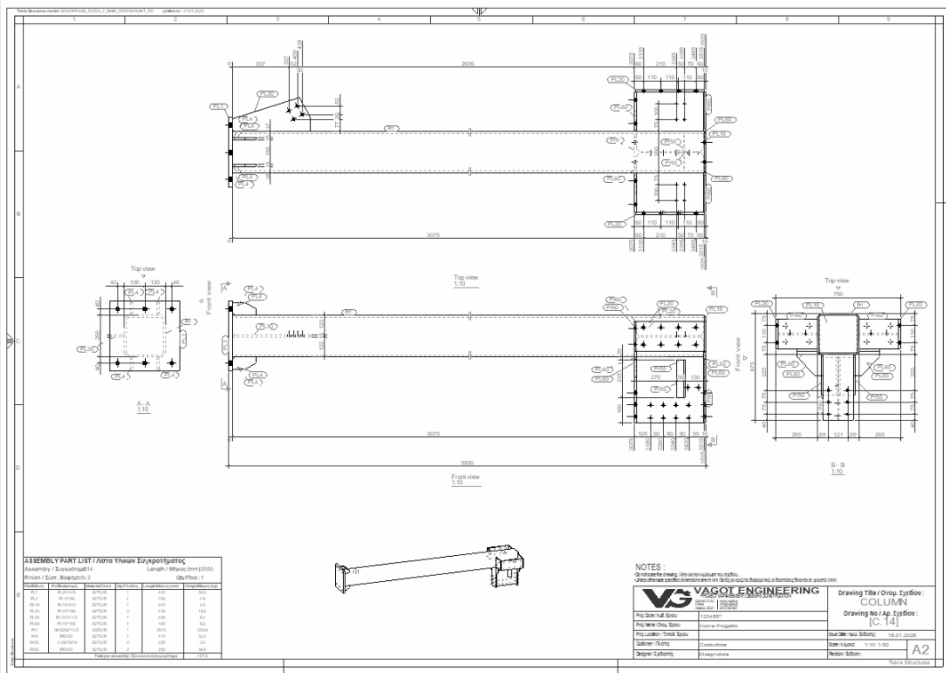
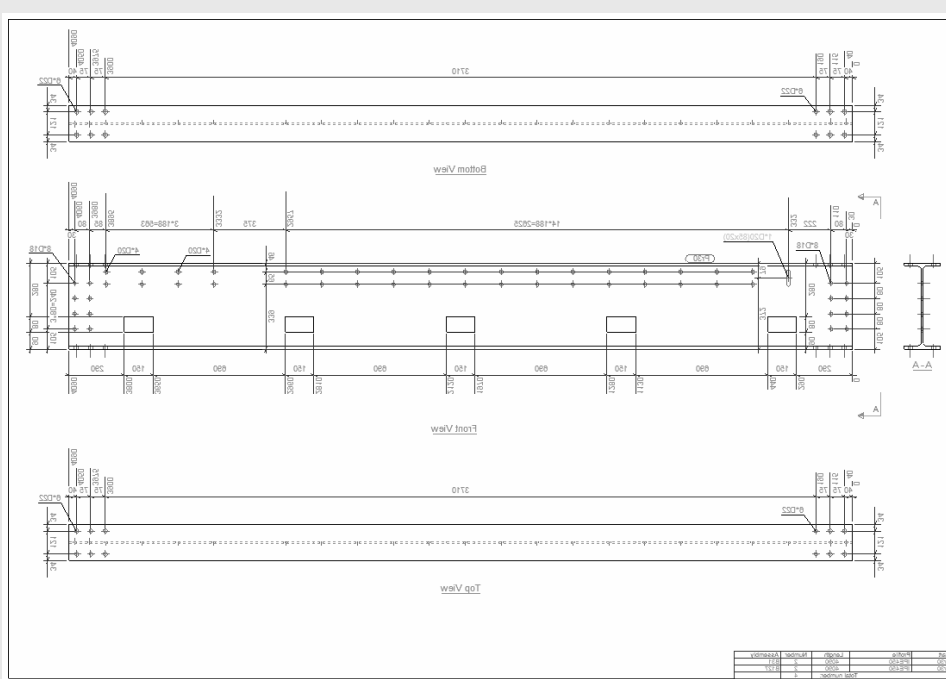


Detailed Engineering & Structural BIM

Steel structures require a complete and fabrication-oriented approach to ensure that design intent is translated into accurate **shop drawings**, **production data**, and **construction-ready deliverables**. With extensive experience working directly with **steel fabrication factories and contractors**, we understand the real demands of manufacturing and site execution—ensuring every detail is practical, buildable, and efficient.

Using **Tekla Structures** as our primary platform, we integrate **detailed engineering** with **Structural BIM** into a single, unified workflow. We produce high-quality **3D structural steel models**, **shop drawings**, and comprehensive fabrication packages, including **single-part drawings**, **assembly drawings**, and **GA (General Arrangement) drawings** for direct, shop-ready use. This approach enables seamless coordination between engineering, fabrication, and erection teams—reducing errors, minimizing delays, and optimizing material usage. Our senior engineers remain closely involved throughout the process to ensure **technical accuracy**, **consistent quality**, and **on-time delivery**, fully compliant with project specifications and applicable standards.





FABRICATION EXECUTION



1.

Trusted Network

Established connections with reliable fabricators, builders, developers, and suppliers.

2.

Partner Matching

Ability to select and connect the right partners based on project scope, schedule, and budget.

3.

Procurement Support

Access to competitive sourcing options, lead-time planning, and supplier coordination.

4.

Efficient Execution

Strong collaboration between stakeholders to improve coordination, reduce delays, and ensure quality delivery.