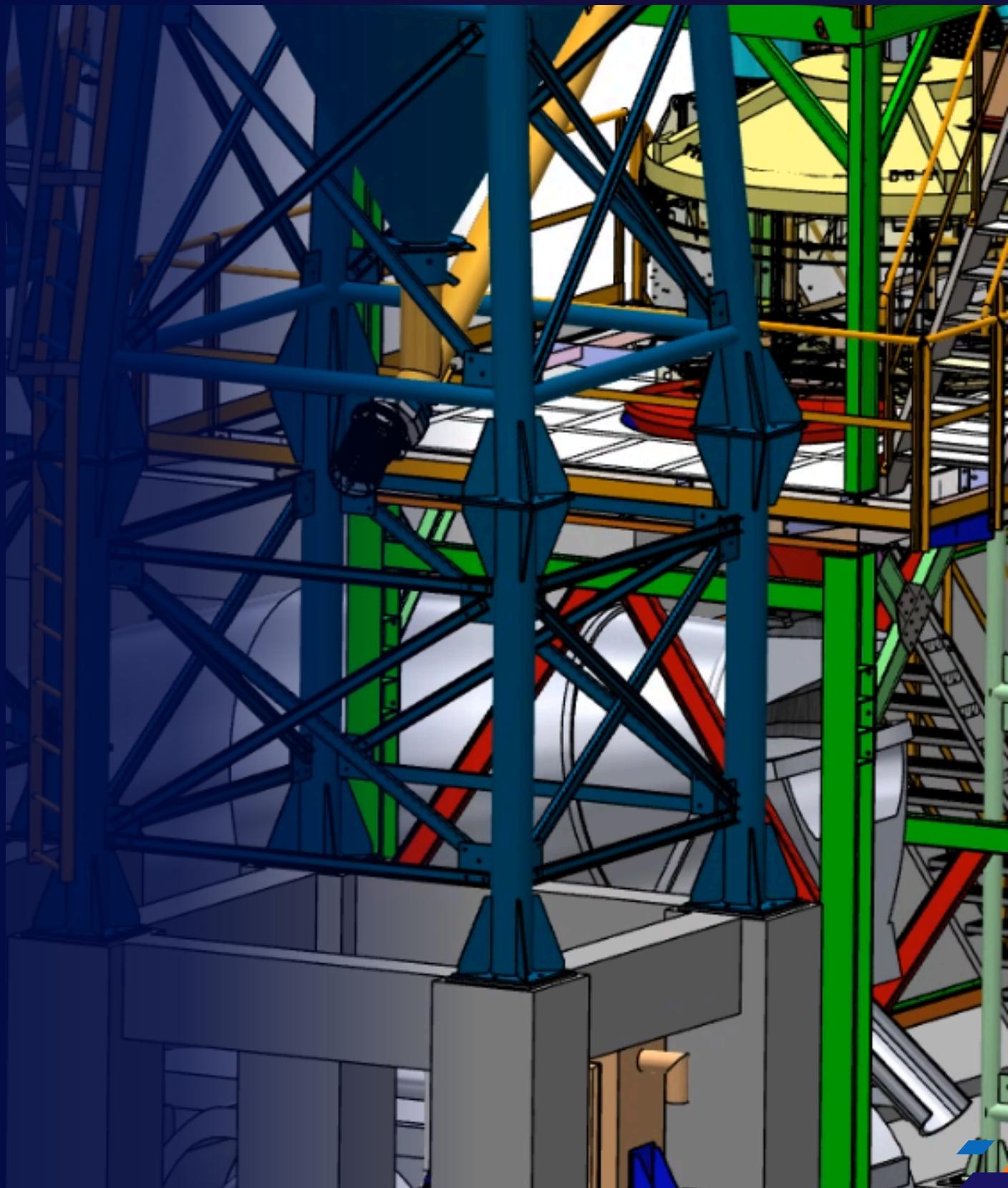




PROFESSIONAL CAD SERVICES



🌐 www.cadsquad.vn

📞 +84 765 279 228

✉️ Contact@cadsquad.vn

Mechanical Design Services

CADSQUAD Vietnam is a global provider of tailored mechanical design solutions, specializing in high-quality CAD and engineering services. We transform innovative ideas into tangible, sustainable products, delivering exceptional value to industries worldwide.

CADSQUAD Vietnam is ready to deliver world-class engineering solutions that exceed your expectations.

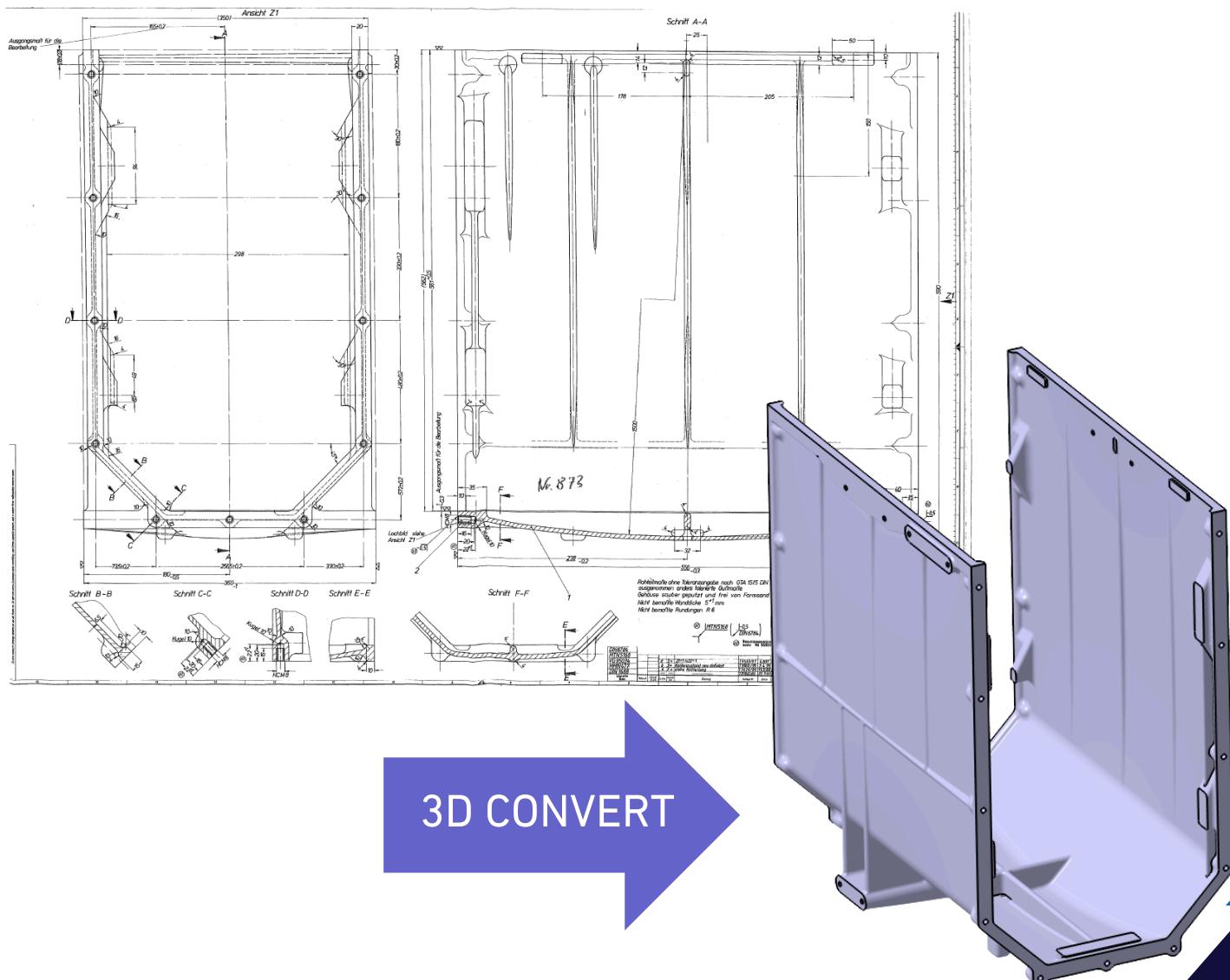


Technical Drawing Digitization & CAD Data Creation

Convert old drawings into accurate, editable CAD files fast, secure, and production-ready.

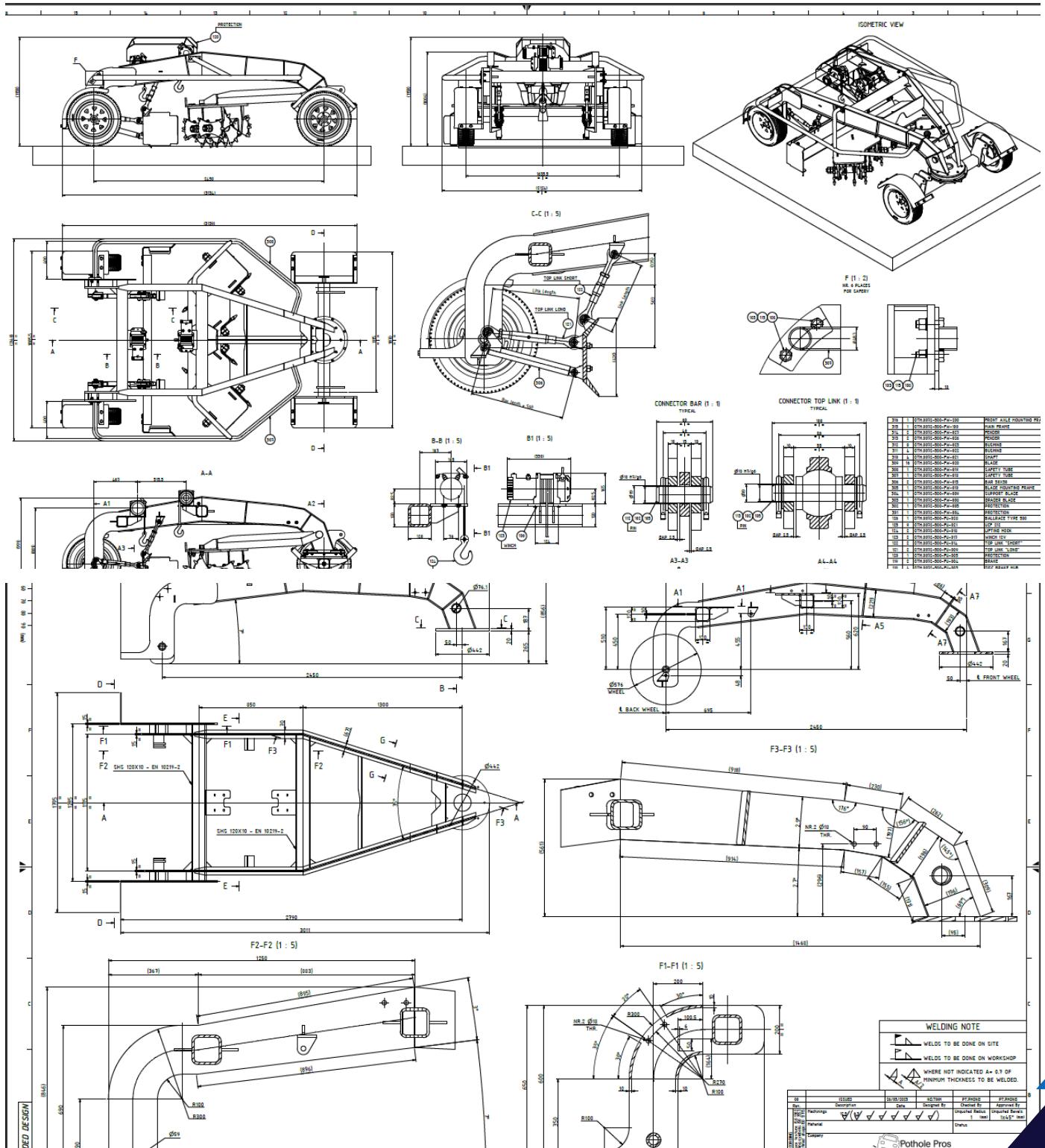
Do you have paper drawings, scanned images, or PDF files that need to be converted into precise CAD data?

We provide professional technical drawing digitization and CAD file creation services, helping you modernize documentation, reduce costs, and protect valuable engineering assets.



Part Extraction from Assembly Drawings

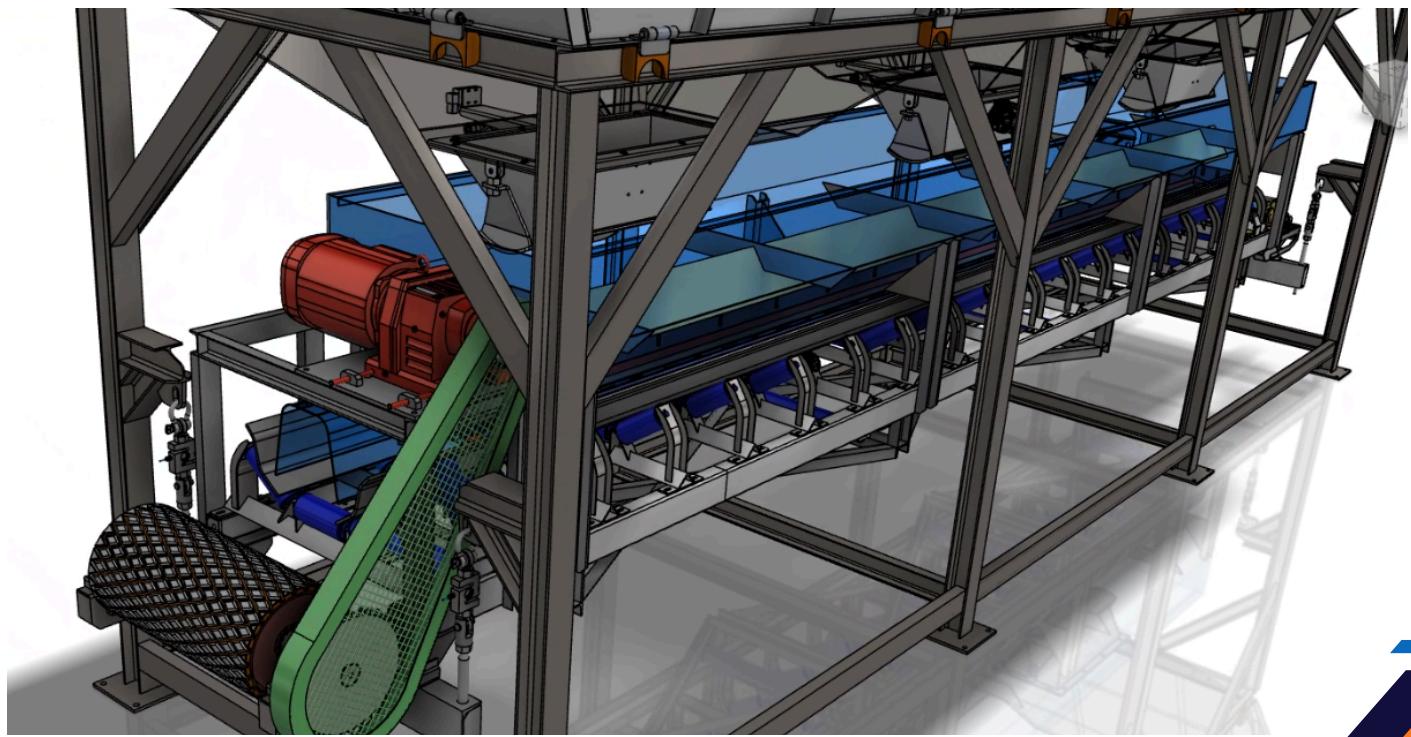
Break down 2D or 3D assembly drawings into individual components. We create detailed part drawings (DWG, DXF, or per customer request) ready for manufacturing and assembly.



Custom Machine Design for Food & Material Handling

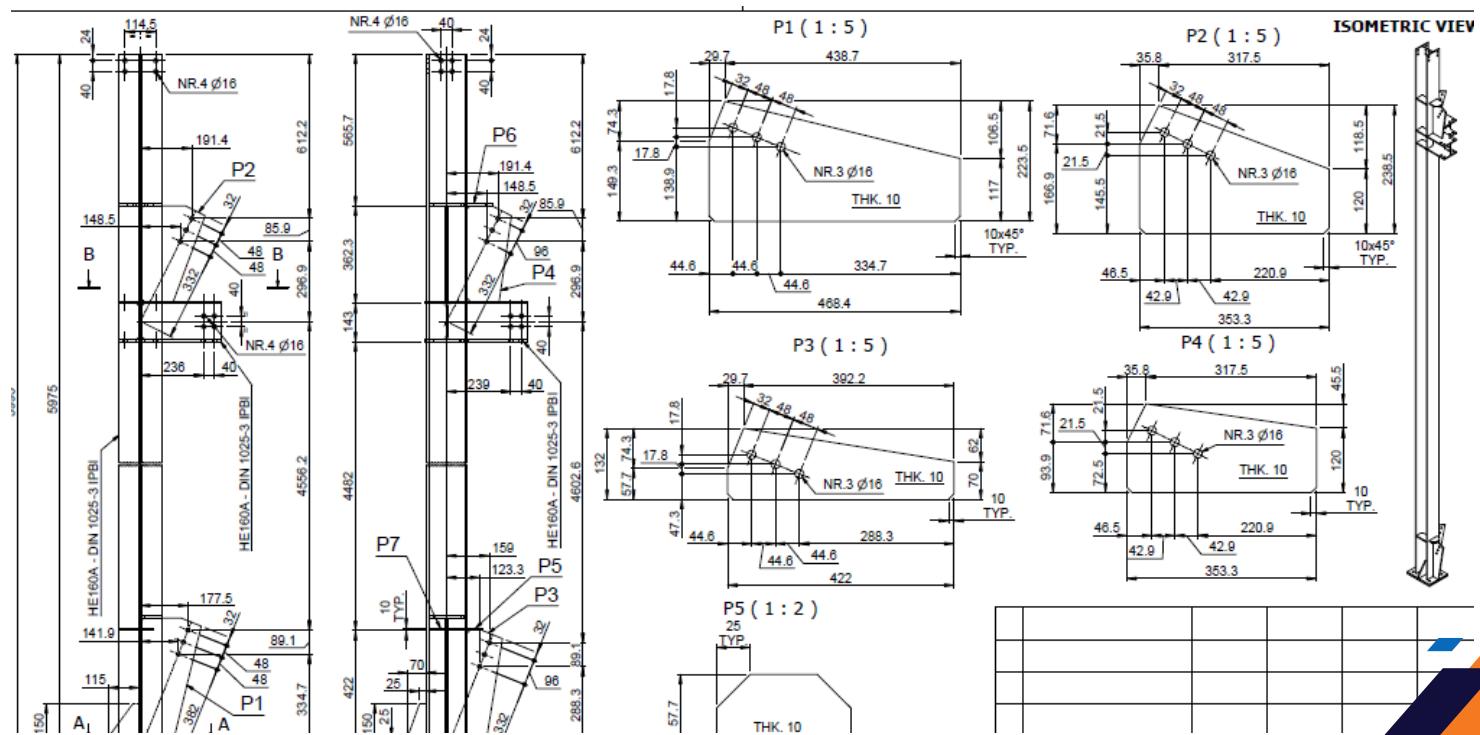
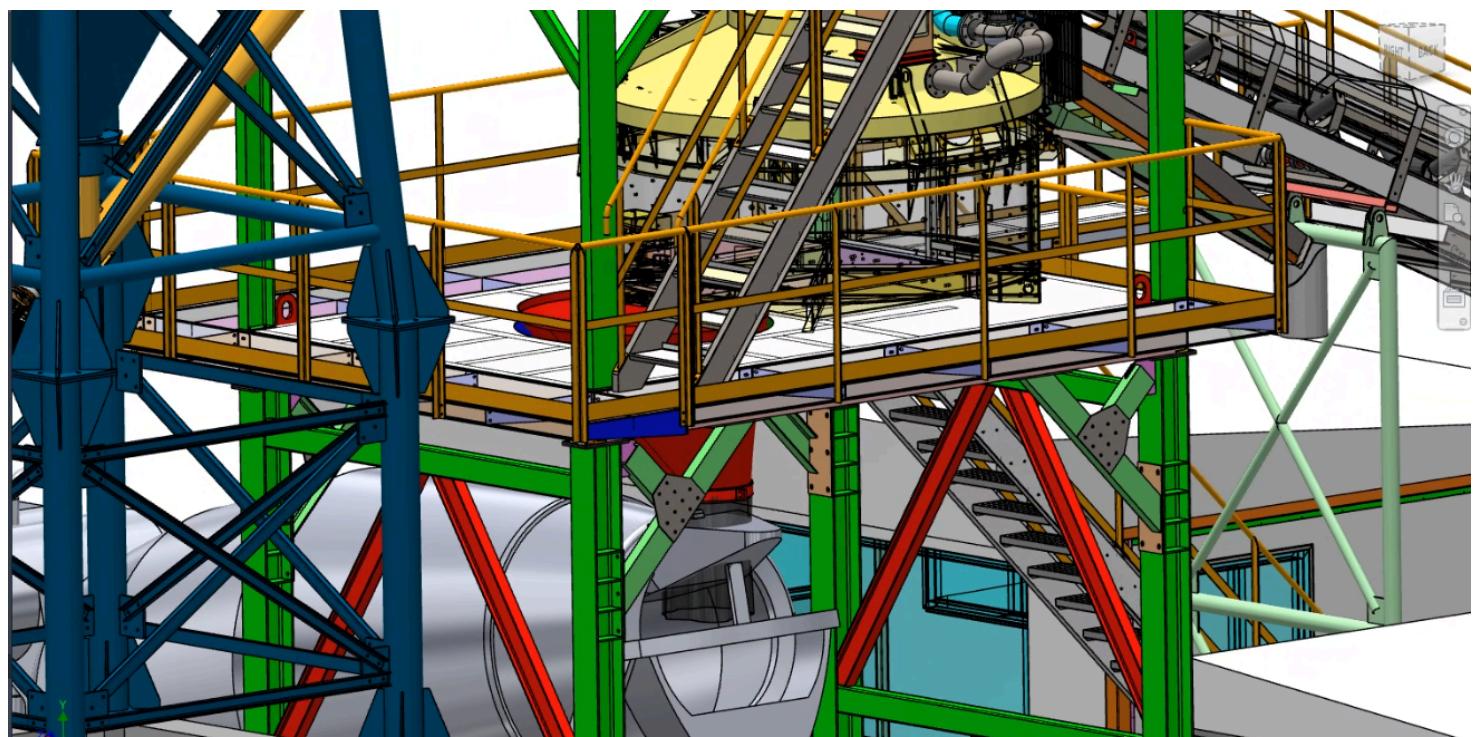
We design and engineer tailor-made machines and conveying systems that support the transport, dosing, and elevation of bulk materials.

With a deep understanding of hygiene, durability, and production line efficiency in the food industry.



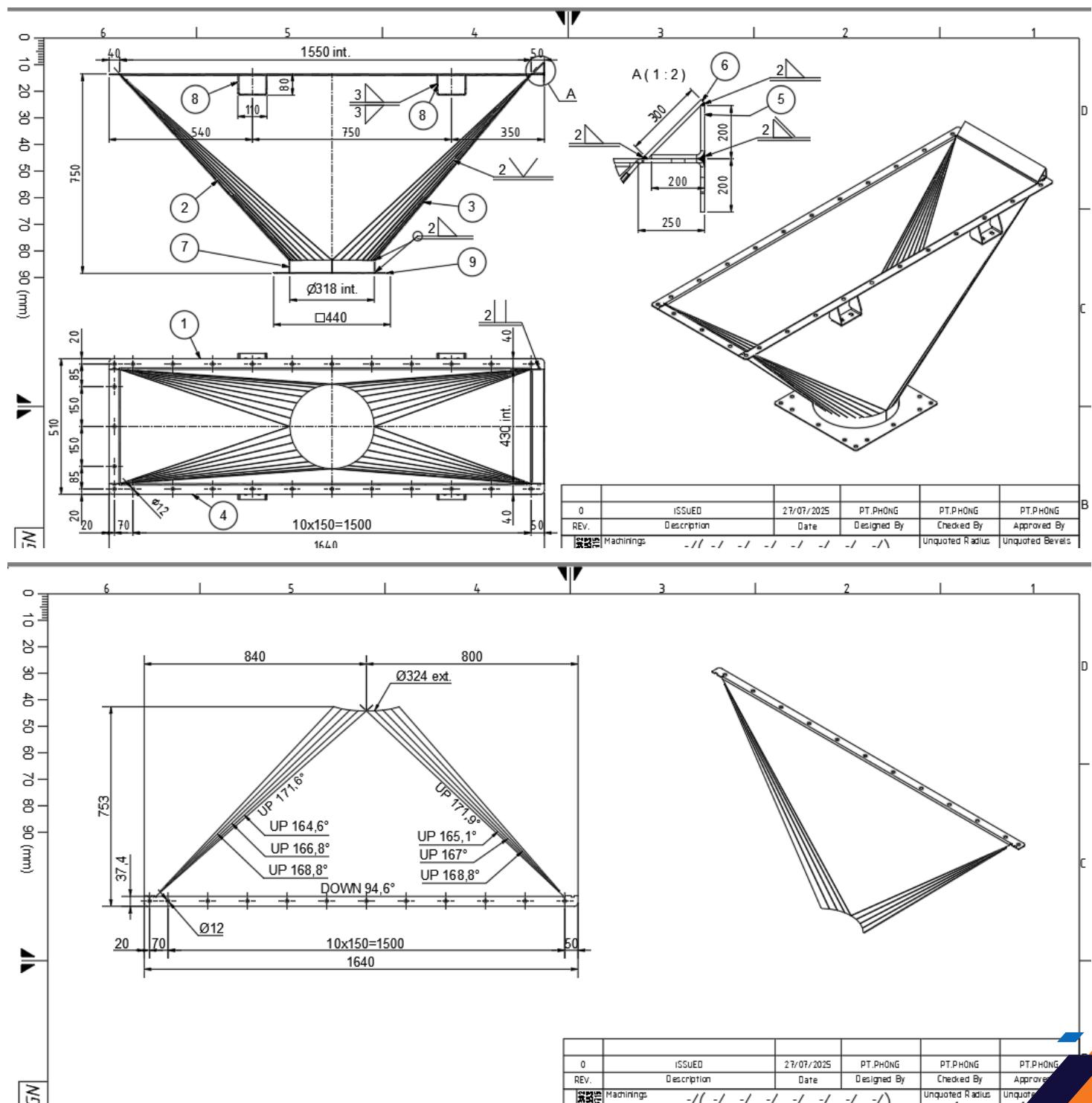
3D Model and 2D Drawing for Steel structure

Break down 2D Basic design or 2D layout or calculation report into Inventor Models and Drawing for manufacturing, Installation. We do from support structure, Walkways, staircase and services platform system in Autodesk Inventor, AutoCAD.



CAD for Sheet Metal Manufacturing

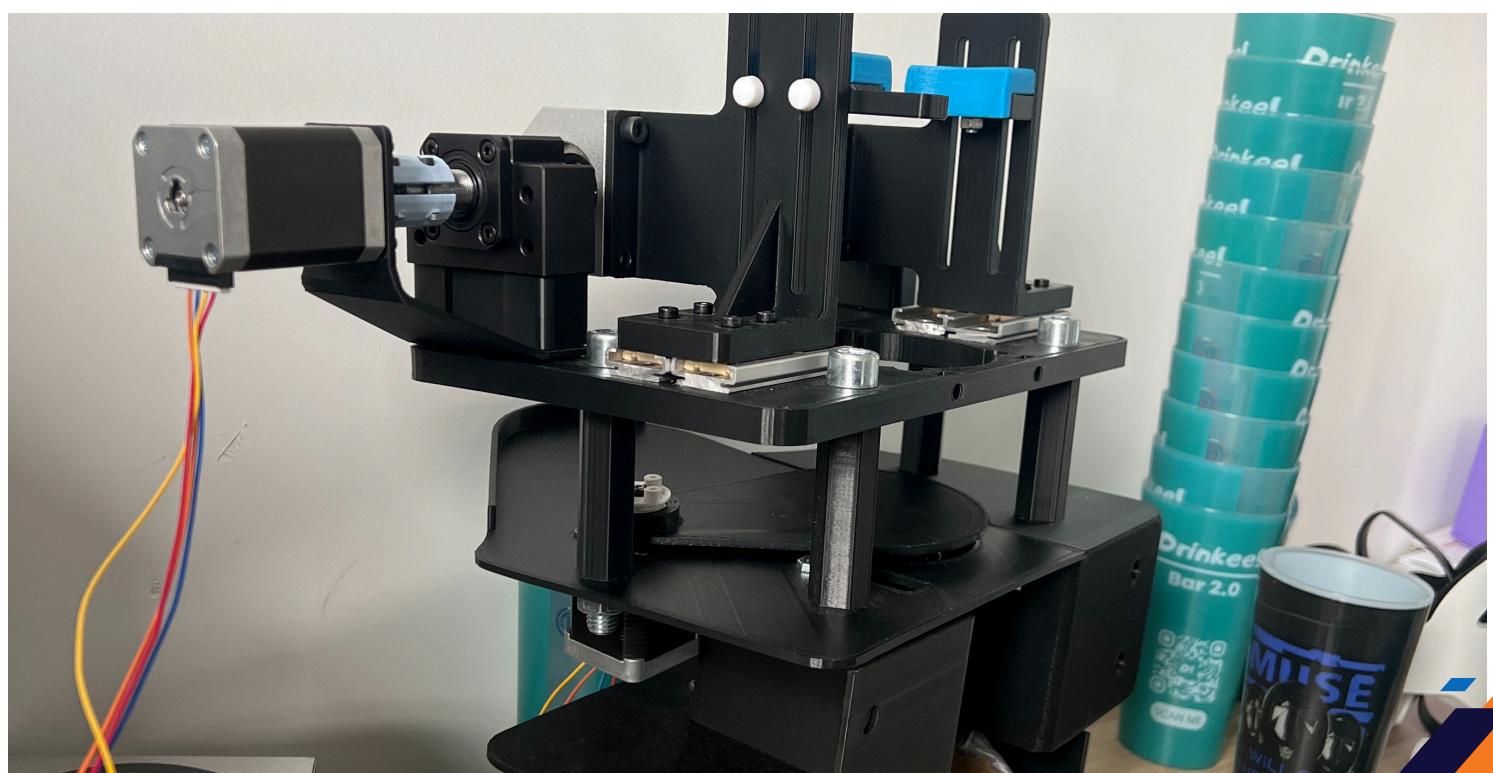
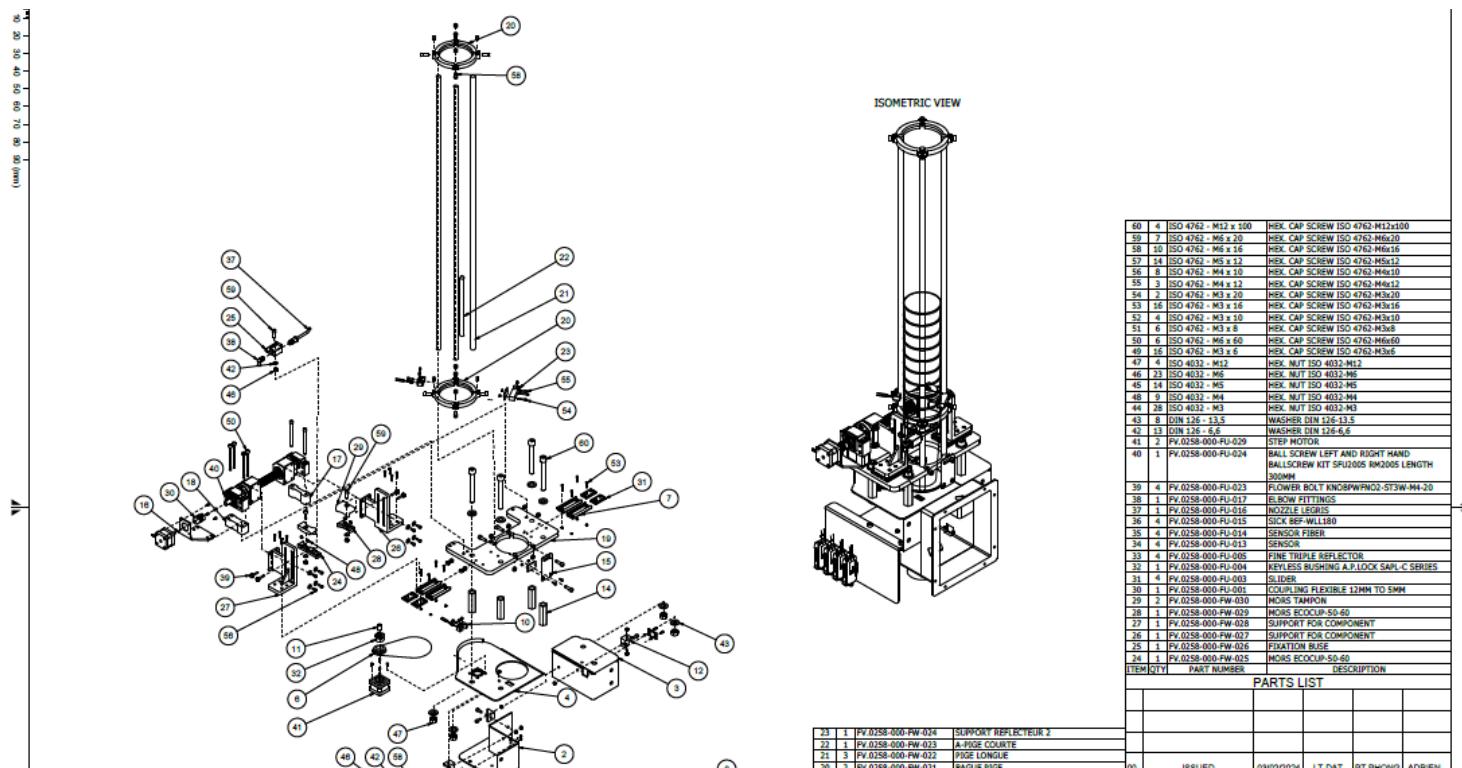
Prepare CAD files for sheet metal processing: unfold flat patterns, define material specifications, thickness, bend parameters, and export data for CNC, laser cutting, or stamping machines.



Machine Design Support

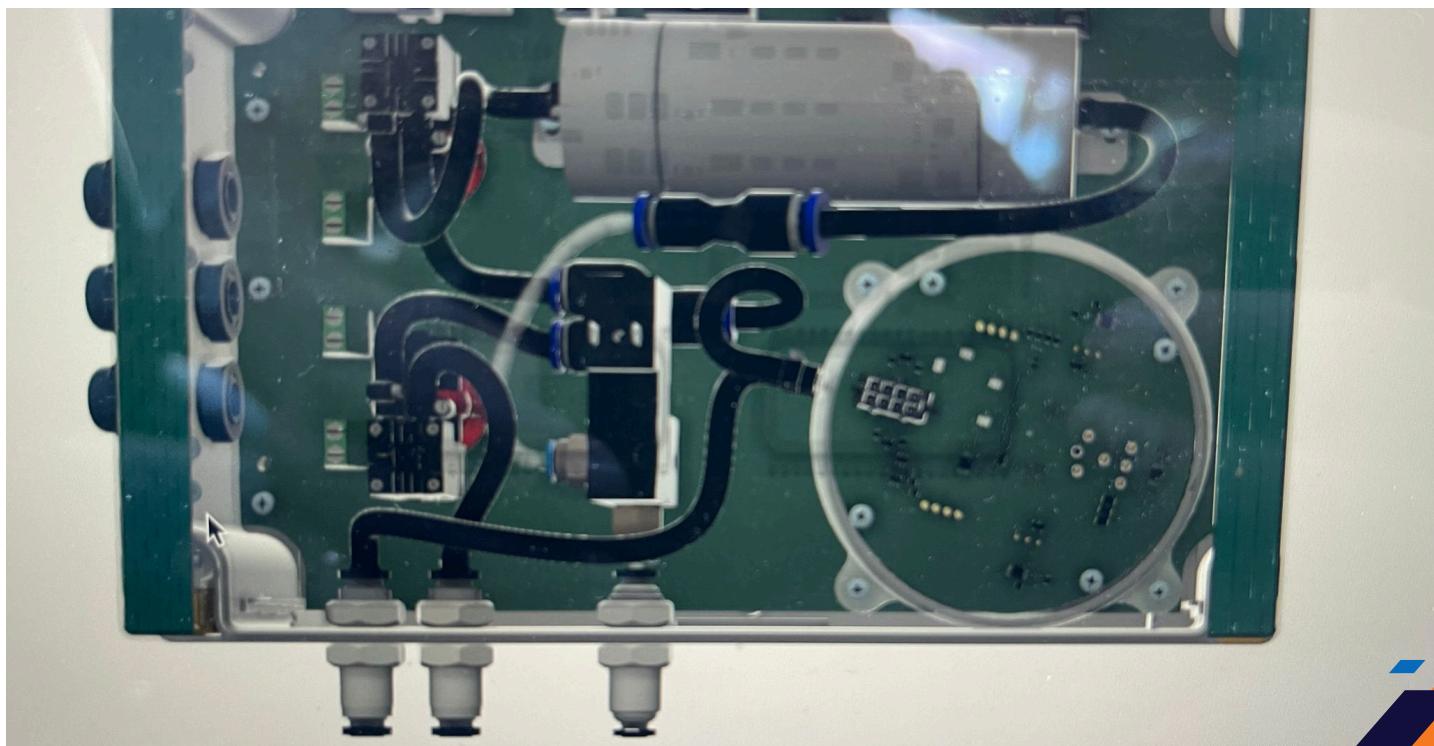
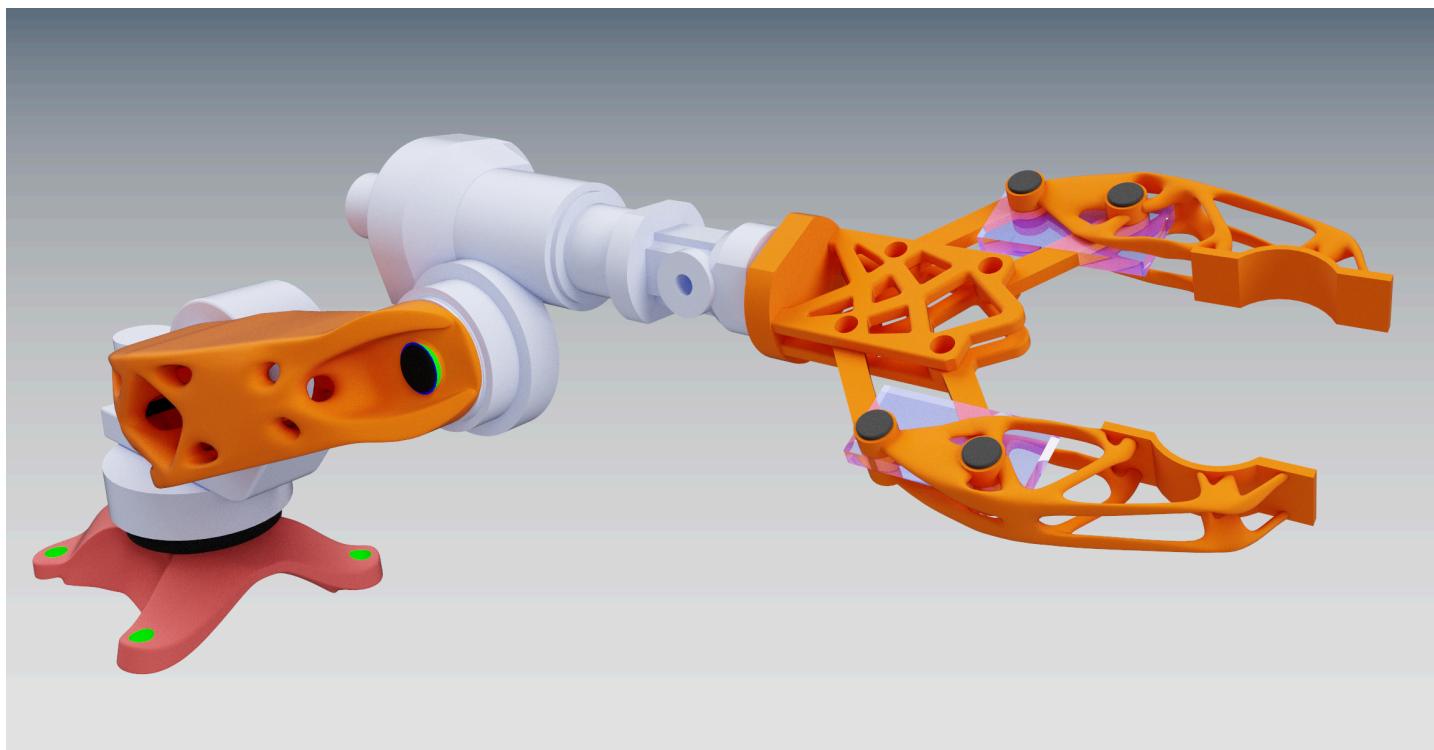
From Concept to Manufacturing

Collaborate with clients to develop machines from initial concepts or rough sketches. We turn your ideas into complete engineering drawings, assemblies, and motion-ready models for manufacturing.



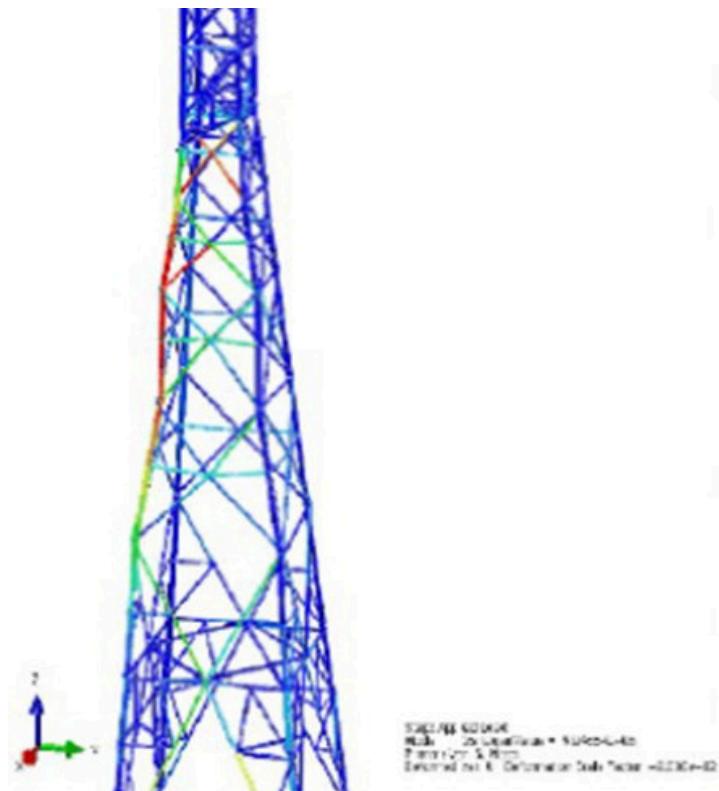
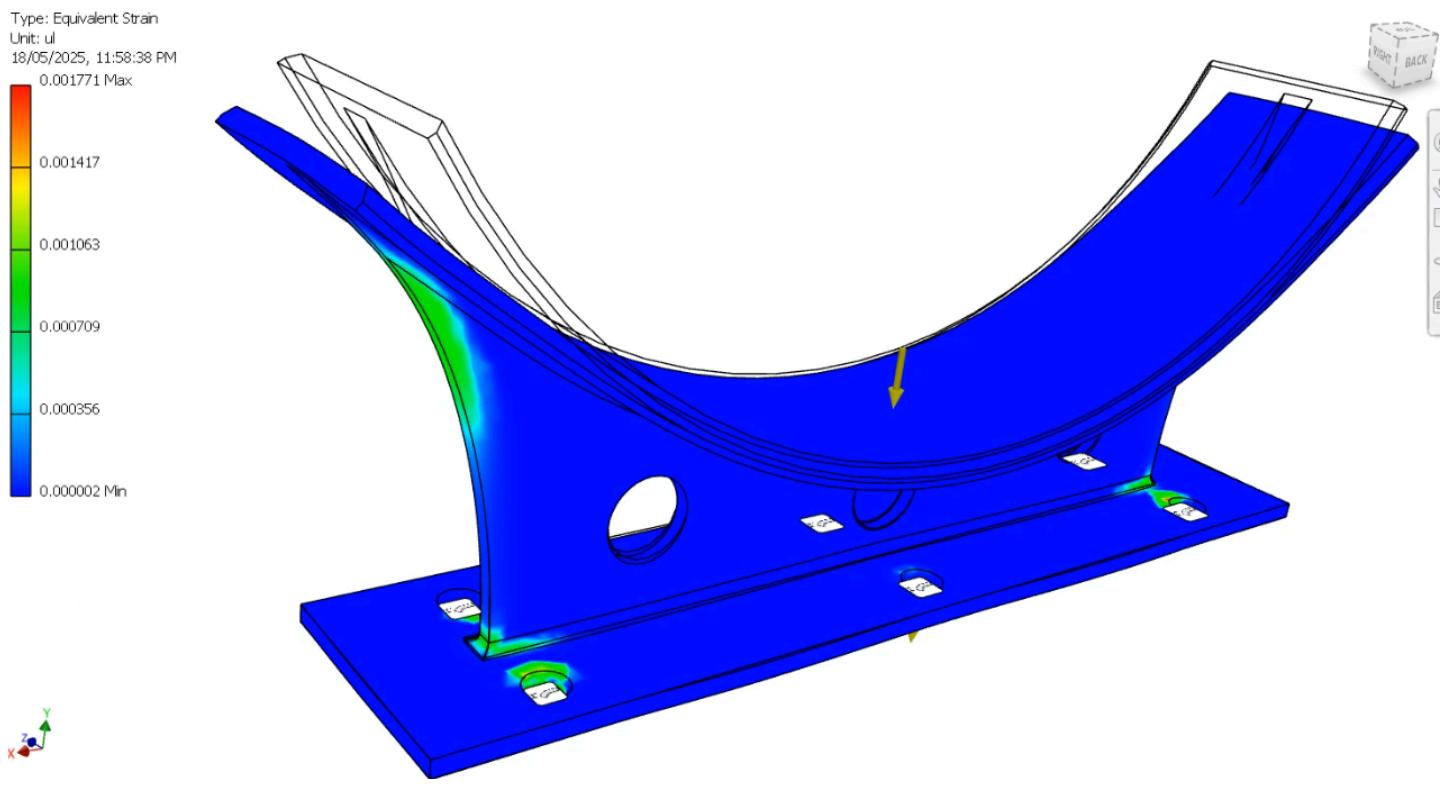
3D Modeling & 3D Printing Support

Convert 2D drawings or real objects into precise 3D CAD models for prototyping, simulation, or production. We handle even complex cast shapes with high accuracy and can assist with 3D printing as needed.



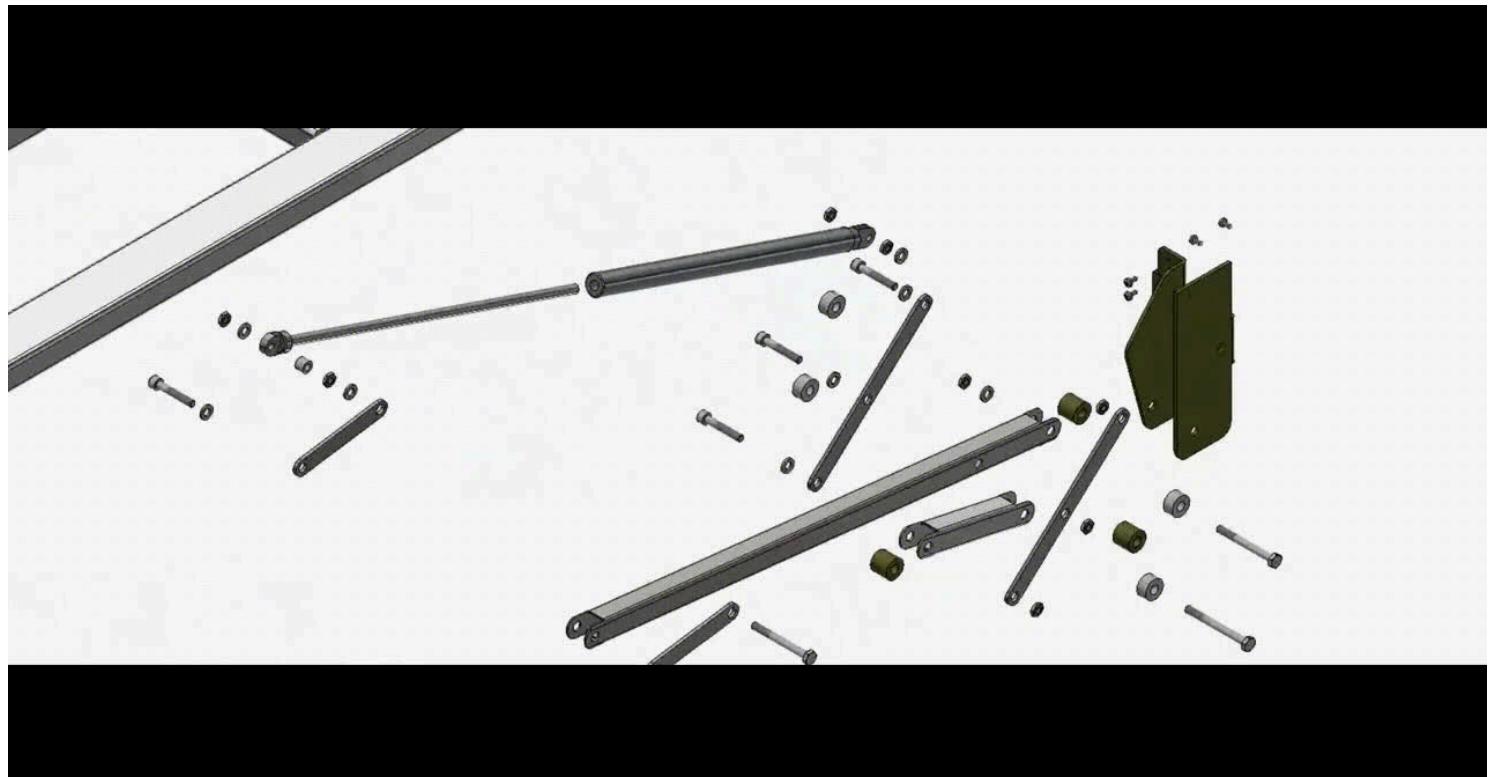
Structural Analysis (FEA)

Use Finite Element Analysis (FEA) tools to simulate and evaluate structural performance under load. We provide insights into stress, strain, and durability to ensure your design meets real-world conditions.



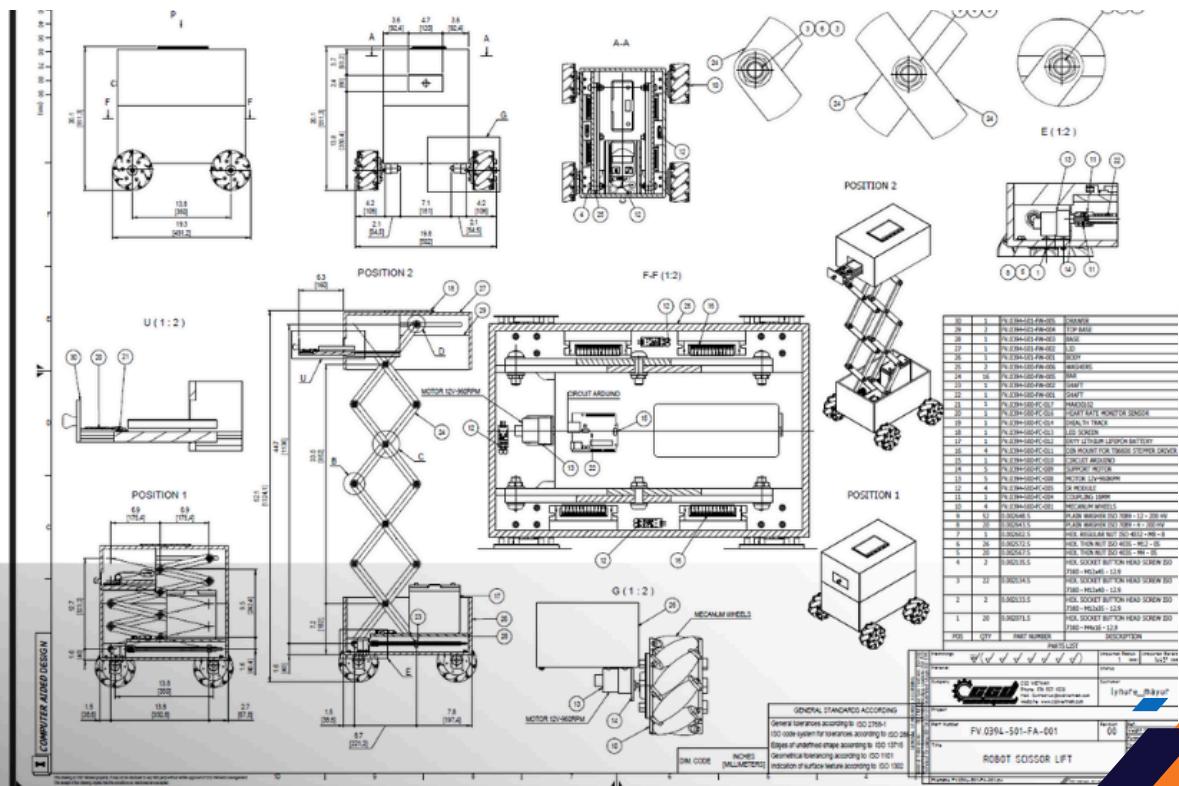
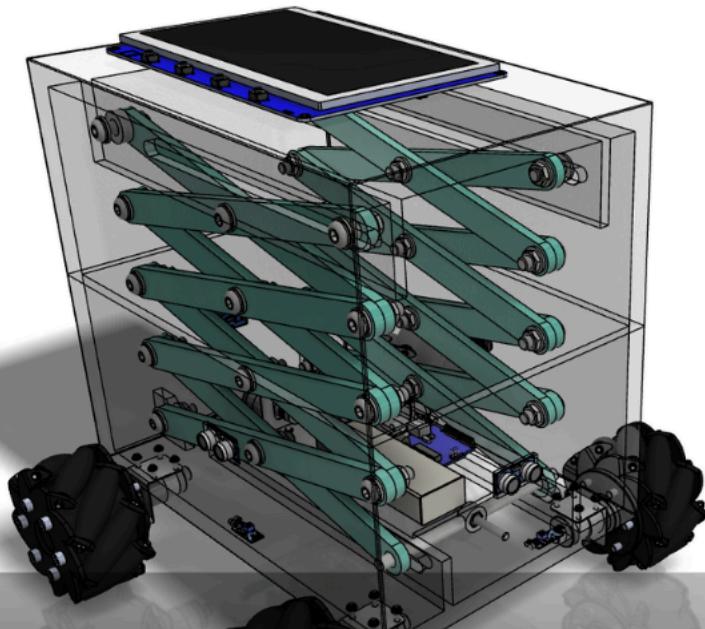
Mechanical Motion Simulation

Simulate the motion of mechanical systems to assess functionality, interaction, and performance before manufacturing. Our service helps detect potential issues early and optimize the design process.



Custom Design Services on Request

We offer flexible design solutions tailored to your specific project needs, including electrical design, piping systems, factory layout, and other engineering modules.



HOW DO WE WORK ?

1

Idea Reception

We begin by receiving your concept and understanding your vision.

2

3D Modeling and Technical Drawings

Once we have a clear understanding of your idea, our experts proceed to create detailed 3D & 2D

3

Inspection and Handover

We conduct thorough quality checks to ensure that all aspects meet the specified standards

4

Production

Depending on the nature of your project, this step can involve the actual production, fabrication.

5

Acceptance Testing

We work closely with you to conduct the necessary testing and ensure the expectations.





Ho Chi Minh City, Vietnam



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