



Support of Industrial Development and Construction

SIDC group of partners

Engineering department

www.sidc.eu



EN 1090-1



ISO 3834

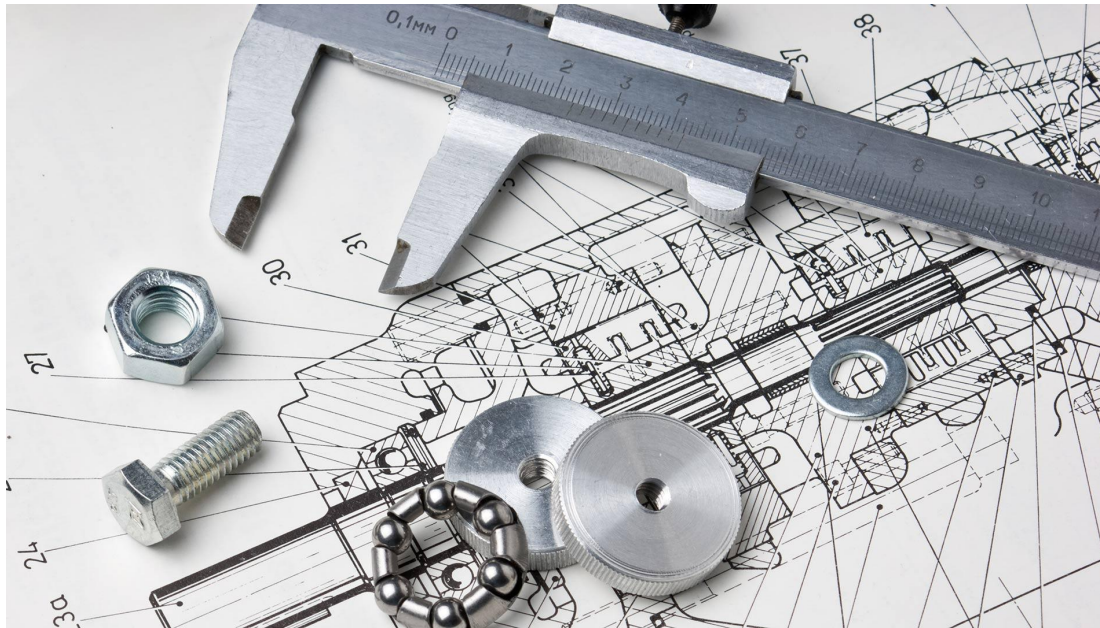


Engineering services

- 3D model preparations
- Steel structure designs
- Mechanical equipment designs
- Transportation equipment designs
- Production line designs
- Structural analyses and calculations
- Fabrications, shop drawings and plate cutting file preparations
- Layout and arrangement drawings
- Assembly instructions and presentations
- Prototype modelling and visualisations
- Piping designs and piping isometric drawings
- Engineering consultations

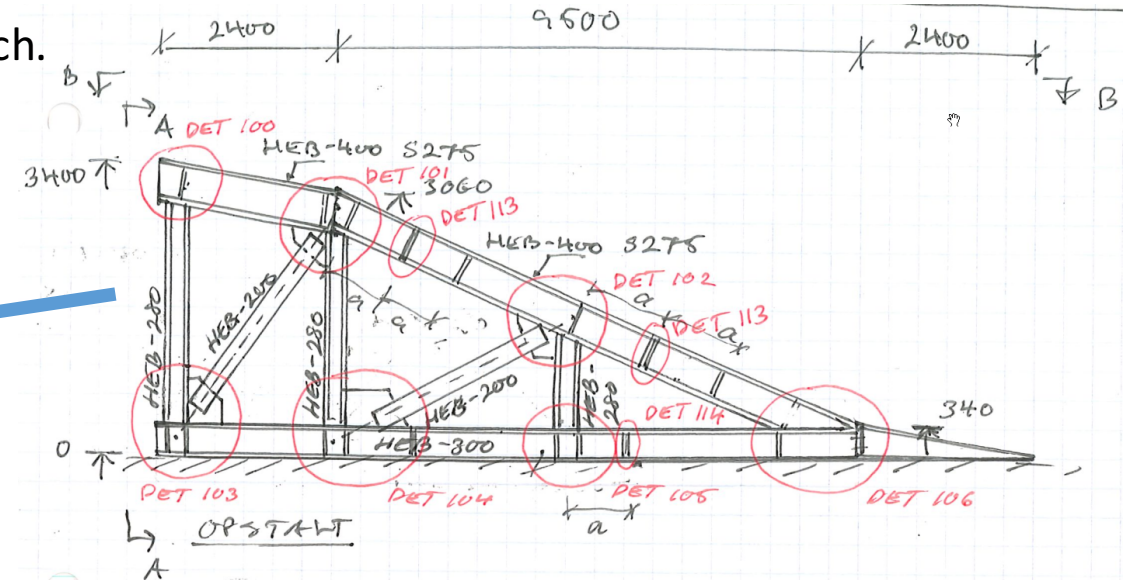
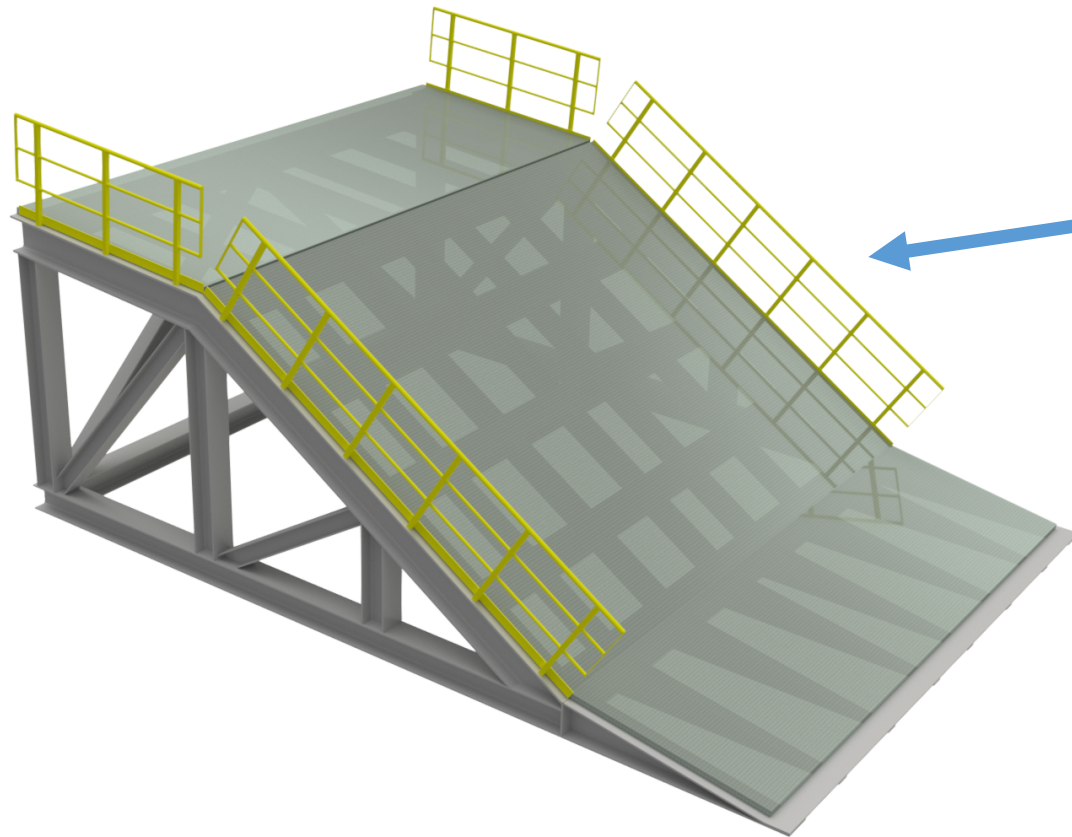
3D model preparations

According to the customer's needs, any kind of object can be measured and transferred to a 3D environment.



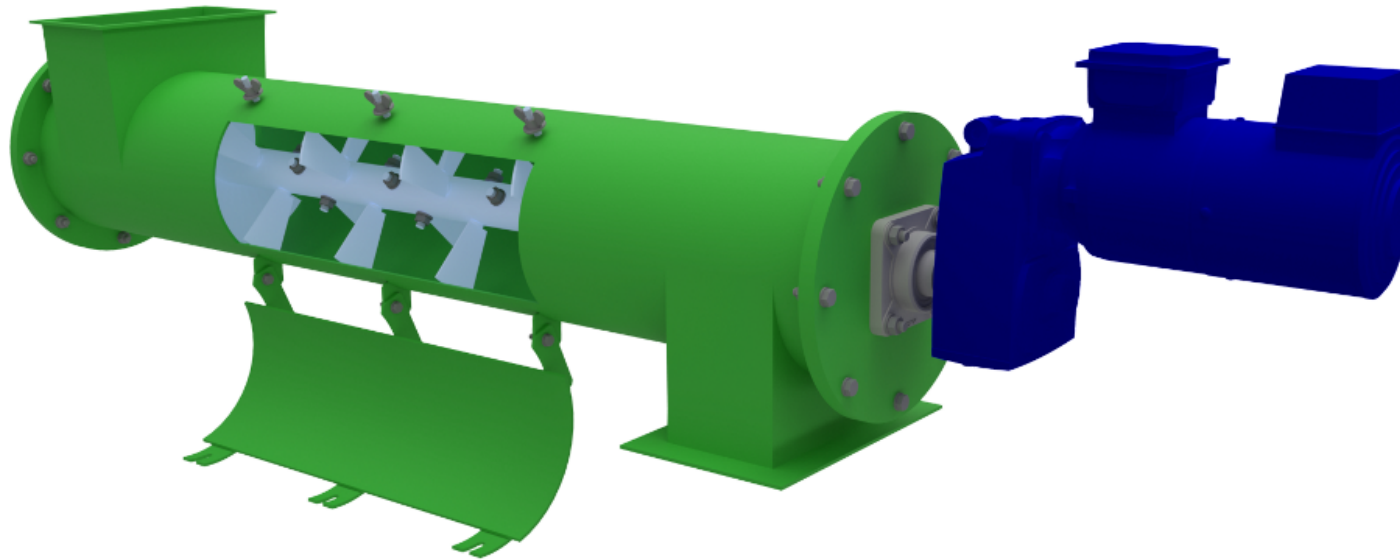
Steel structure designs

We can create steel constructions from a simple idea or sketch.



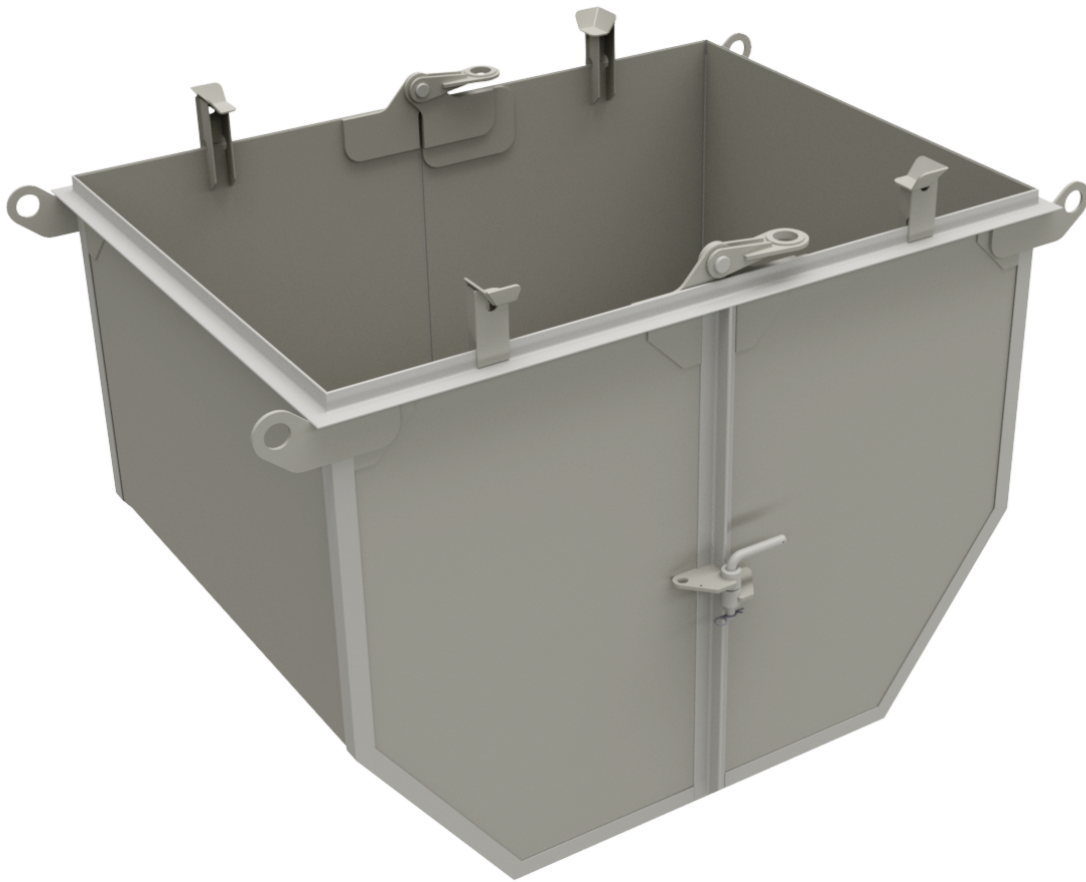
Mechanical equipment designs

We like to deal with any kind of motion in the machines.



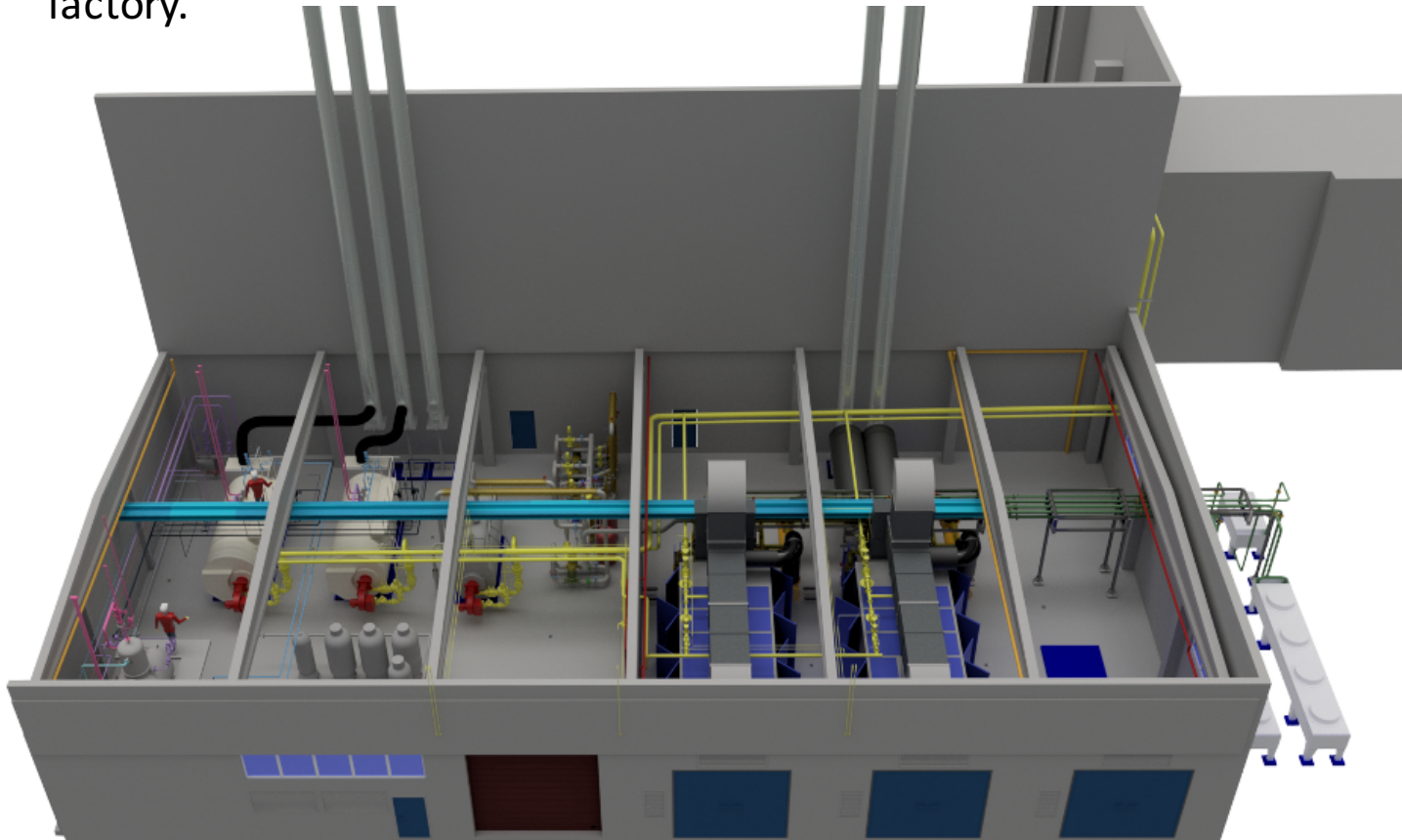
Transportation equipment designs

Full case studies are performed in order to find the best solution for the material transportation.



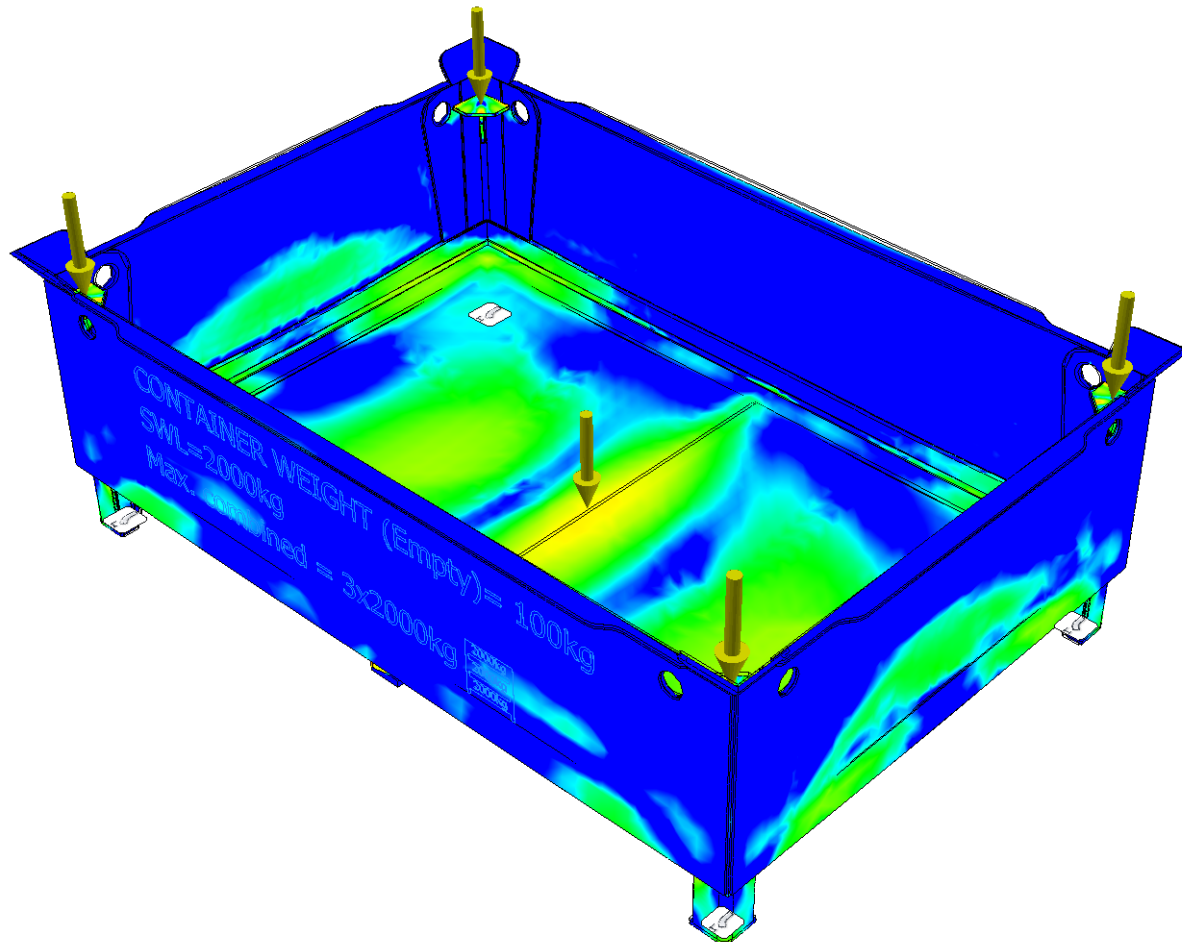
Production line designs

Creating fully detailed models in order to find the best possible layout for production lines or a whole factory.



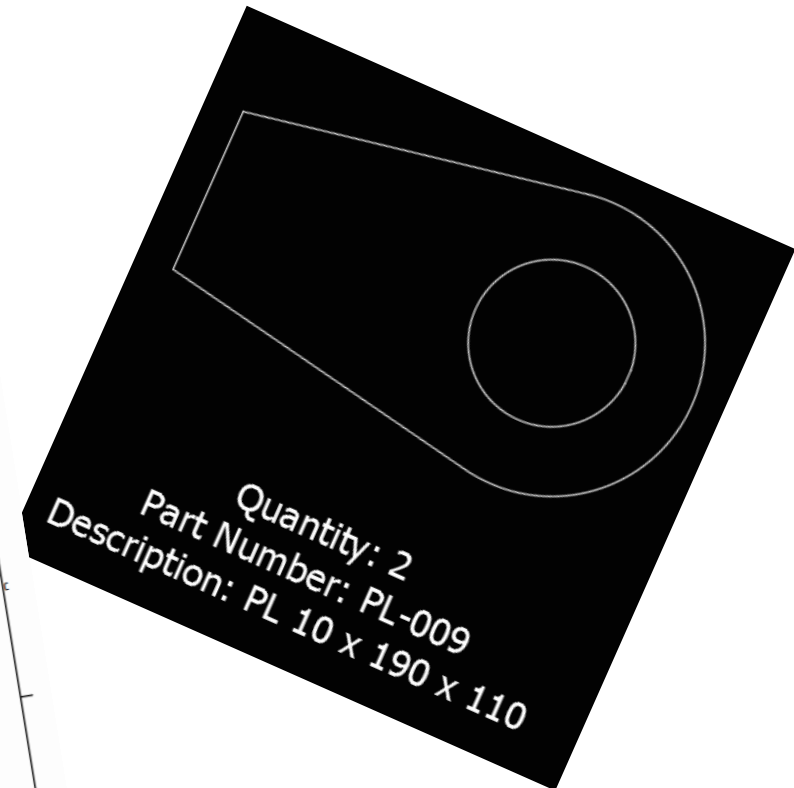
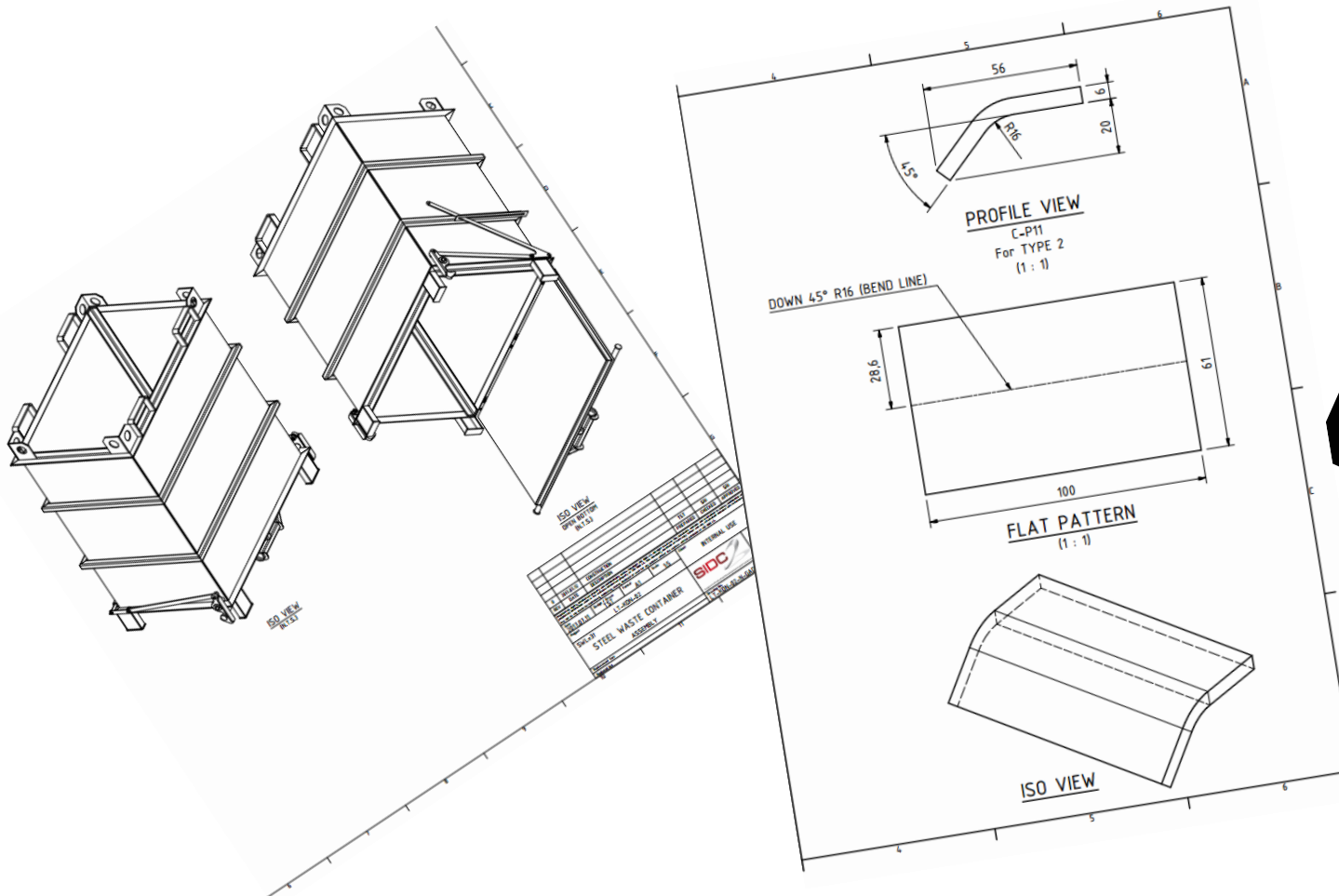
Structural analyses and calculations

With the engineering software we use, we are capable of calculating and analysing steel structures using the FEM – Finite Element Method.



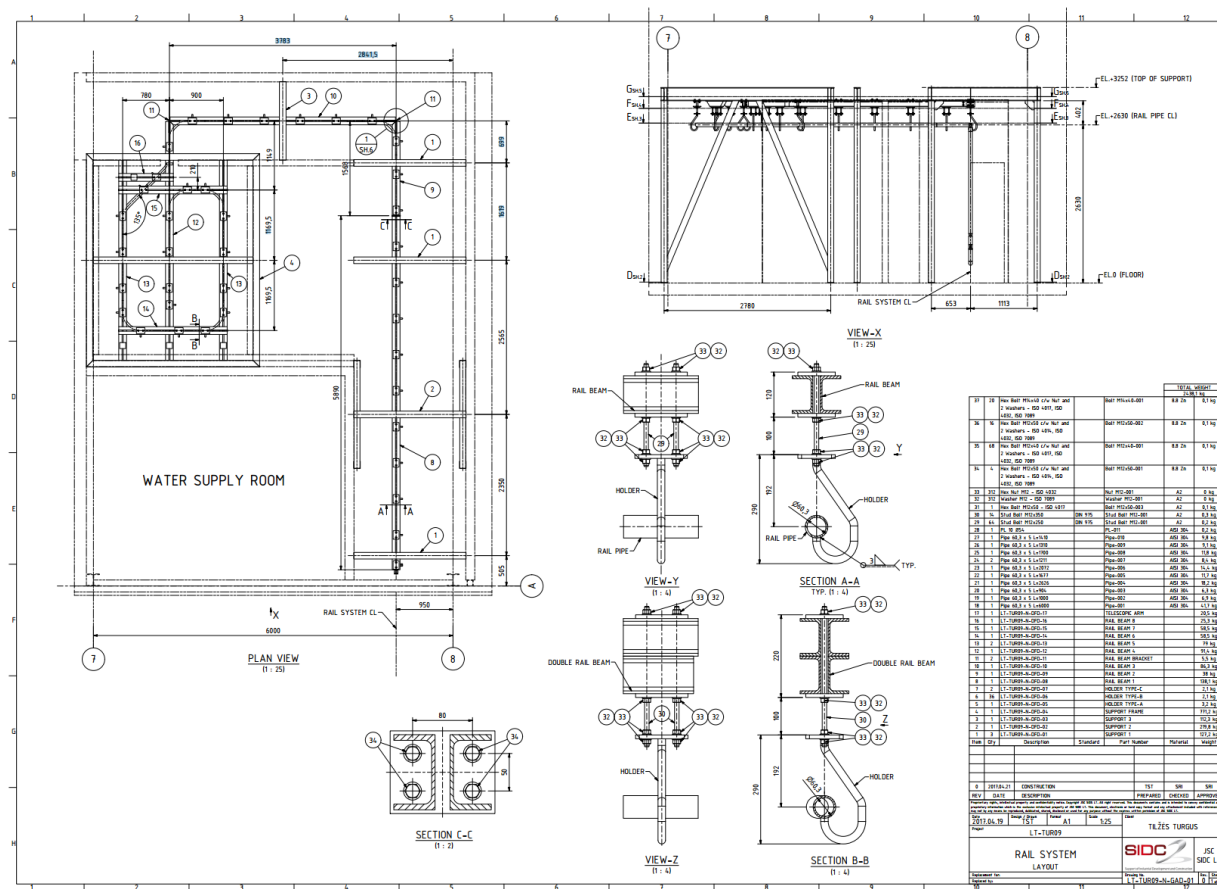
Fabrication, shop drawings and plate cutting file preparation

Very detailed shop drawings and full support for the fabrication.



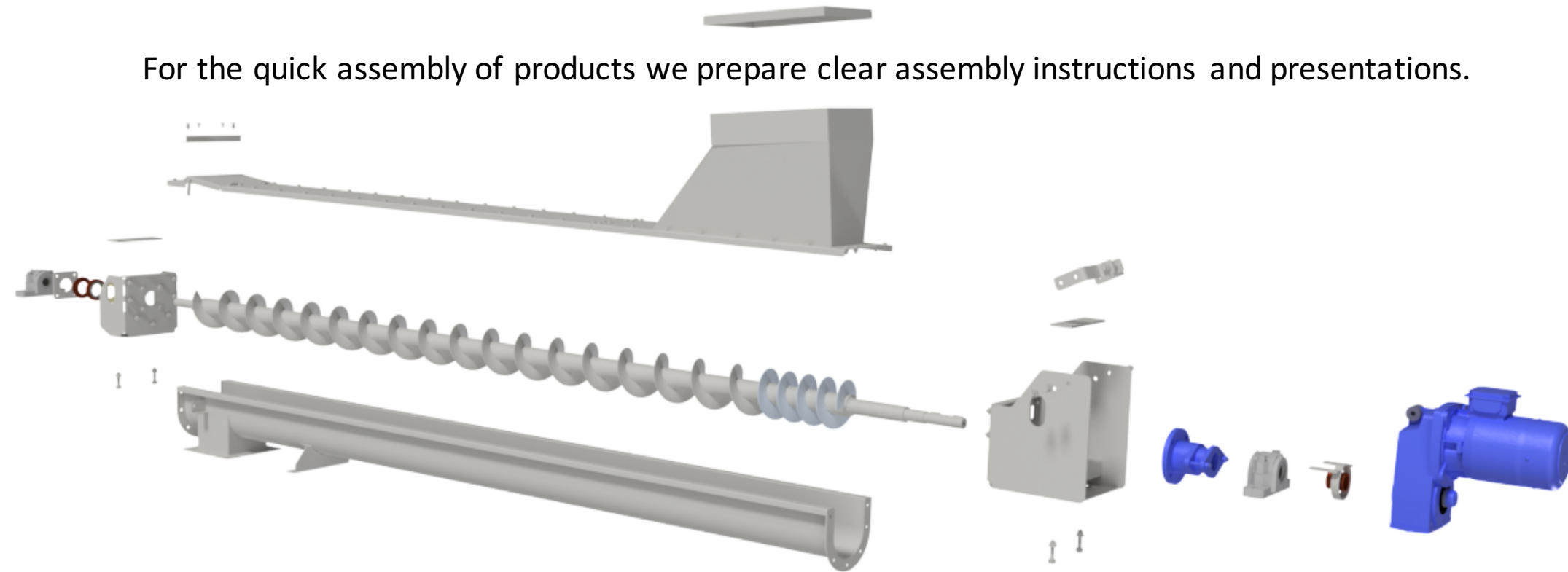
Layout and arrangement drawings

For easy installations or integrations, we always provide layout and arrangement drawings.



Assembly instructions and presentations

For the quick assembly of products we prepare clear assembly instructions and presentations.



Prototype modelling and visualisations



When product is not completed or is in the engineering stage, then a prototype model can be created and used in the very early stages for marketing purposes. In addition, the visualisation model can be exported to any other 3D file format. A complete visualisation picture package is provided as well.

PI 2112

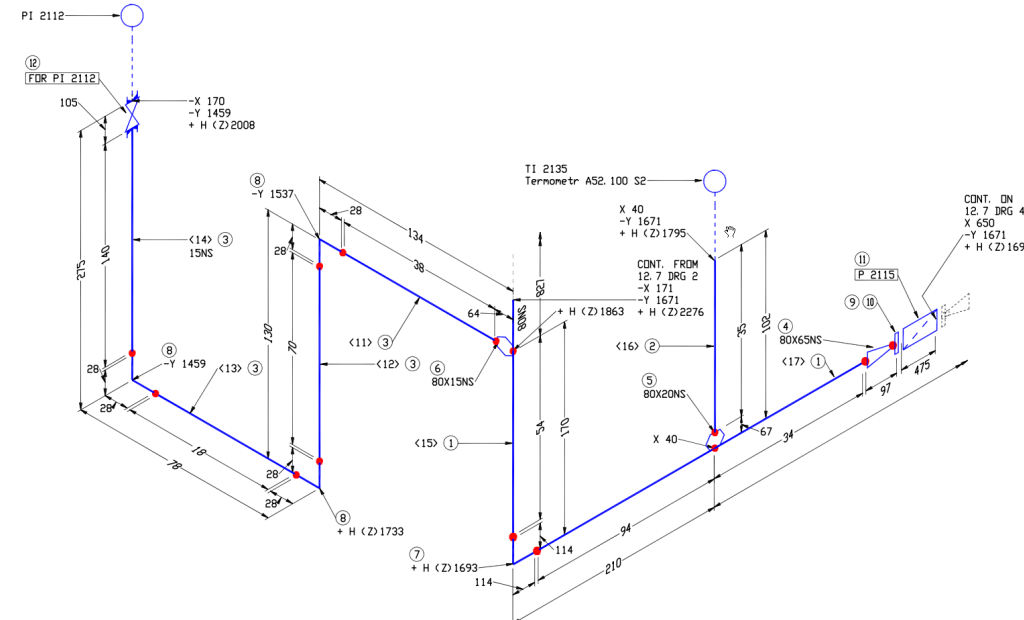
FOR PI 2112

TI 2135
Ternometr AS2.100 S2

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12.7 BRG 4
X 650
-Y 1671
+ H (Z) 169

CONT. FROM
12.7 BRG 2
-X 171
-Y 1671
+ H (Z) 2276

CDNT. DN
12.7 BRG 4
X 650
-Y 1671
+ H (Z) 169



Engineering consultations

We enjoy solving any kind of engineering task.
Our engineering team will support you in solving your task.



Support of Industrial Development and Construction



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