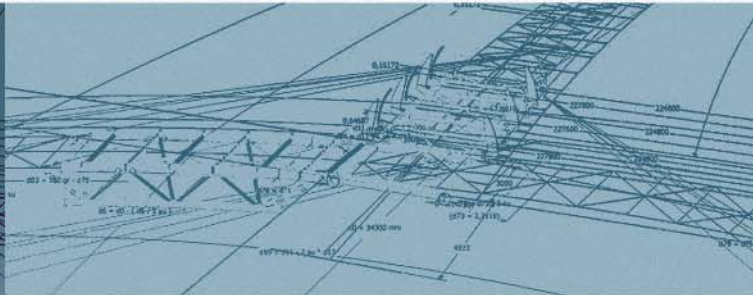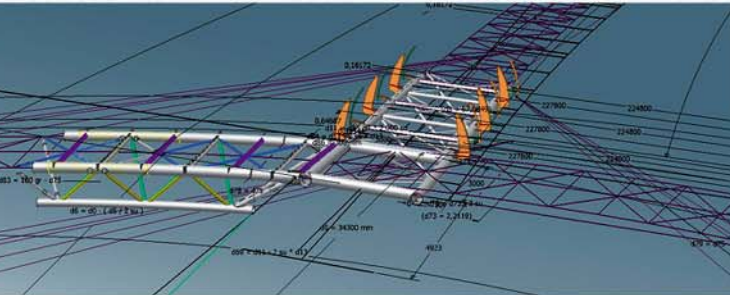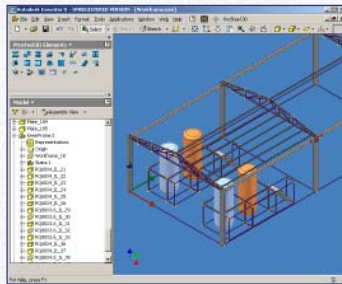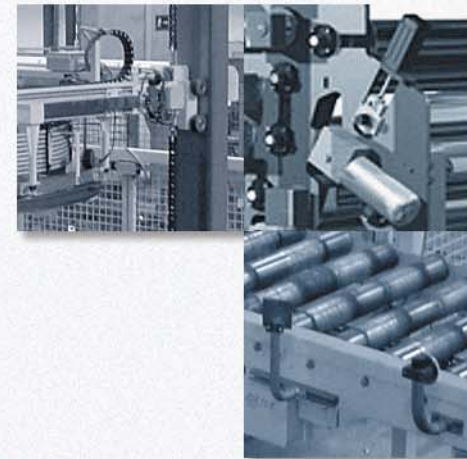# Solutions

ProSteel 3D
INVENTOR

Structural Steel Design for Inventor

ProSteel 3D is a structural steel design add-in application for Autodesk Inventor. Steel structures, support frames and maintenance platforms, catwalks or handrails can be designed and modeled productively in Inventor. Finally steel profiles construction and connections can be created efficiently using a parametric and adaptive approach.

Your ProSteel 3D reseller:

KIWI
SOFTWARE

www.kiwisoft.de

A New Definition of 3D CAD

Structural Steel Design for Inventor

- 3D Modeling
- Structural Elements
- Creation of Parts Lists
- Data Exchange

ProSteel 3D

KIWI Software

Profile

ProSteel 3D provides shapes from shape databases and includes nearly all common international catalogues. Shape databases can be expanded easily by the user and special types can be created individually from profile cross-sections. Plates can be created from any contour or from standard databases.
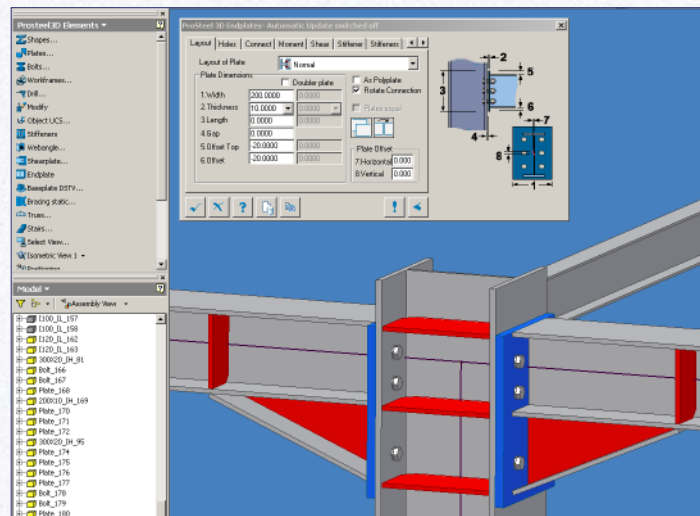
Connections

Automatic connections are an advantage which saves a considerable amount of time. ProSteel 3D provides parametric solutions for nearly all standard connections required in practice.

Structural steel connections can be created quickly from the modification of the profiles, complete to the creation of bolts. Connections adapt to the modification or movement of profiles and can be edited at any time.

Structural Elements

These elements allow the generation of complete structures such as stairs, handrails and platforms. A single dialogue allows the control of all dimensions and elements, and allows editing after creation. Automatic creation of common structures leaves more time for the actual design of the model.

ProSteel 3D

More than 6000 installations worldwide

Many years of experience in the field of structural steel software development and close liaison with our customers has contributed to ProSteel 3D becoming an internationally recognized and important program for 3D structural steel design.

Part List

Fully automatic positioning determines the position number of components by means of an efficient identification of identical parts.

Parts Lists can be internally or externally processed and an efficient form designer is integrated to display the data in any form required.

Exchange

Fast and efficient bidirectional exchange format allows translation of data between different platforms of ProSteel 3D. This allows for the design of a model in Inventor and the detailing of the working drawings in AutoCAD. Or an existing structure created in AutoCAD could be imported into Inventor to allow the machinery to be added.

Integration

CAD Abstract Layer (CAL) offers the users of ProSteel 3D the unique functionality of being able to use the same application on multiple platforms and to exchange data without loss. CAL is the fundamental technology which shields the CAD platform from the program logic - this means that to the user the application is identical on different platforms.

ProSteel 3D