



CADWorx Steel is capable of creating steel structures with impressive complexity and refreshing ease.

Features

- Intelligent 3D Steel Modeling
- International Steel Libraries
- Frame Creation
- User Shapes
- Live Database Links
- Bills of Material
- Links to Analysis
- Stairs, Ladders and Hand Railings
- Annotation Linked to 3D Model
- 2D Output Linked to 3D Model

Intergraph® CADWorx® Steel is a 3D steel modeling package that comes complete with powerful design and annotation tools and international steel shapes. With CADWorx Steel, structural designers have access to the best structural tools on the market.

Comprehensive Steel Libraries

CADWorx Steel has a full library of international steel shapes in both imperial and metric units. Metric or imperial shapes can be placed in either environment without modifying their underlying data files.

Frame and View Creation

CADWorx Steel makes the creation of complex 3D steel structures simple. Multi-level frames with vertical or sloped sides can be combined to create intricate layouts that allow the easy placement of steel members by the picking of single or multiple frame lines.

User Shapes and Customization

CADWorx Steel allows structural designers and engineers to create user shapes that can be made up of plates or derived from any extruded profile.

Editing and Modification

CADWorx Steel members are intelligent, so they are easily modified. Functionality also exists that allows the automatic coping of members against one another. Members can be cut, trimmed and also joined to other members—allowing design modifications without remodeling.

Database Links

CADWorx Steel outputs to popular database formats and has full auditing capabilities, ensuring model and database are kept in synch.

Reports and Bills of Material

Center-of-gravity calculations are automatically created and can be shown on-screen, in drawings or in detailed reports. User-configurable bills of material are available directly from the model or from the external database.

Links to Analysis

CADWorx Steel allows links to structural and piping analysis packages.

Stairs, Ladders and Hand Rails

CADWorx Steel includes routines for the parametric creation of stairs, ladders (both caged and un-caged) and hand railings. Any attribute of these items can be modified at any time—instantly updating the model.

Annotation and 2D Output

CADWorx Steel automatically creates a view for each elevation, column or row in the model. Built-in routines can also automatically dimension, annotate and represent views in double or single line.

Technical Specs

- AutoCAD compatible
- Microsoft Windows XP Pro or Windows Vista Ultimate (minimum)

Application Areas

Process and Plant Design, Piping, Equipment, Steelwork, Petrochemical, Chemical, Power, Offshore, Food, Beverage, Brewing, Pharmaceutical, Water Treatment, Building Services, Shipbuilding and Architectural.

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