



CADWorx Steel and Steel Professional are capable of creating even complex steel structures with ease.

CADWorx[®] Steel and Steel Professional

CADWorx Steel is a full-featured 3D steel modeling package that comes complete with powerful design tools and international steel shapes. CADWorx Steel Professional also includes parametric ladder, stair and hand railing capabilities.

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 you to easily place steel members by picking single or multiple frame lines.

CADWorx Steel automatically creates a view for each elevation, column or row in the model. Built-in routines can also automatically dimension and annotate each elevation, column or row view for easy drawing creation.

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

All CADWorx Steel members are intelligent, so they are easily modified. Functionality also exists that lets you automatically cope members against each other. You can also cut, trim and join any members, allowing modifications to the design without remodeling.

Databases, Reports and Bills of Material

CADWorx Steel outputs to popular database formats and has full auditing capabilities, ensuring model and database are kept in sync. Center-of-gravity calculations are automatically created and can be shown on-screen, in drawings or in a detailed report. User-configurable bills of material are available directly from the model or from the external database.

Stairs, Ladders and Hand Rails

CADWorx Steel Professional 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.

Links to Analysis

CADWorx Steel allows links to structural and piping analysis packages.

Features

- AutoCAD based
- Easy 3D steel modeling
- Comprehensive steel libraries
- Frame and view creation
- User shapes and customization
- Editing and modification
- Databases, reports and bills of material
- Stairs, ladders and hand rails
- Links to Analysis

Technical Specs

- Runs on AutoCAD versions 2005 to 2008

Application Areas

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



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