

# 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.

## 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

As all CADWorx Steel members are intelligent, they can easily be modified. You can automatically cope steel members against each other and cut, trim and join any two members, allowing modifications to the design without remodeling.

## Databases, Reports and Bills of Material

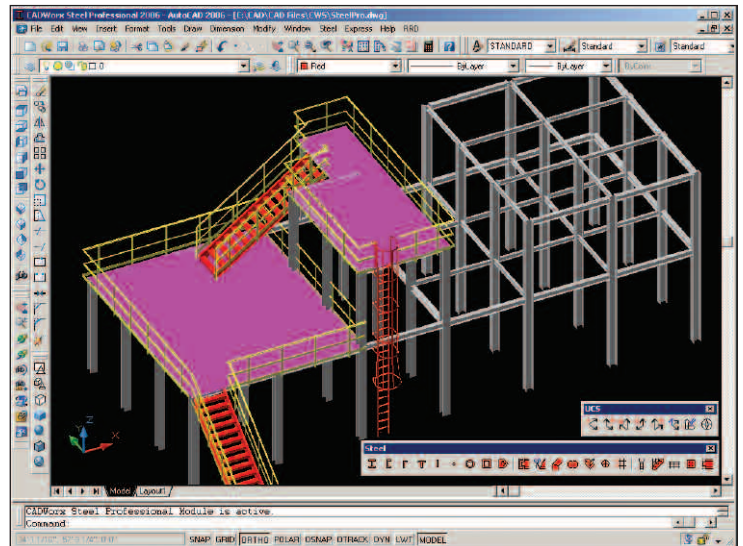
CADWorx Steel outputs to popular database formats and has full auditing capabilities ensuring model and database are kept in sync. Center-of-gravity calculations are automatically created and can be shown on the screen in drawings or in detailed reports. User-configurable bills of material are available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



With CADWorx Steel and Steel Professional users can create full-featured intelligent 3D steel models with full editing capabilities, automatic views and bills of material.

## 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 2004 to 2007



## Application Areas

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

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