

MultiSTEEL 3D

2D/3D structural with the best of both worlds

The leading structural steel AutoCAD application for the past fifteen years, MultiSTEEL 3D incorporates many features specifically developed for the oil, gas, process and related industries.

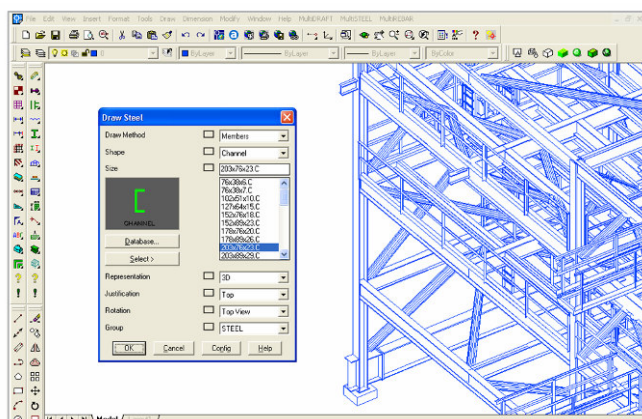
Using standard AutoCAD objects, MultiSTEEL 3D is fully compatible with all AutoCAD environments, and suitable for use with industry standard clash checkers and rendering software.

MultiSTEEL is used extensively in the following Industry Sectors:

- Oil, Gas and Process
- Offshore
- Pharmaceutical
- Commercial
- Power
- Fabrication
- Industrial

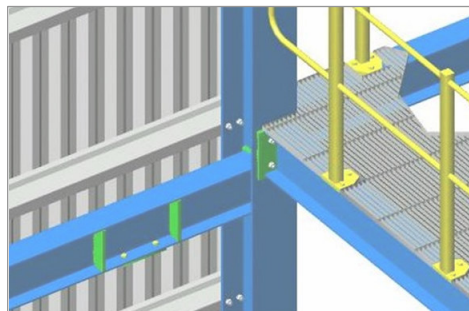


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MultiSTEEL creates an intelligent steel model from its extensive International Steel Libraries

MultiSTEEL includes advanced drafting and modelling tools for specific industries developed in response to customer requests. This on-going development ensures that MultiSTEEL will always meet the growing demands of customers around the world.



Offshore fabrication presents some of the biggest challenges to the steelwork designer and detailer. MultiSTEEL has proved itself time and again as the most reliable and versatile application in this demanding environment.

MultiSTEEL is available as a "2D only" package for producing structural arrangements and detail drawings, "3D only" for use by non-structural specialists to build up 3D steel for clash checking, or as a "2D/3D" package for maximum power and flexibility. Data is compatible across all versions.

The importance of clear and accurate 2D drawings, the final deliverables for all projects, is recognised throughout MultiSTEEL's working methods.

Feature summary:

- Comprehensive 2D Drafting and Detailing Tools
- Advanced 3D Modelling Tools
- Full Material Listing and Total Weight Summary
- C of G calculation
- 2D Drawings from 3D Models
- Comprehensive 3D Viewing Commands
- Links to Analysis and Design
- Full International Support

A powerful set of data exchange tools is available to permit the transfer of data between MultiSTEEL and other environments, principally 3D analysis and design, fabrication, and process plant modelling. This facility is known as MultiSTEEL Integrator.

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MultiSTEEL 3D simply means:

...more flexible working methods. 2D, 3D and "2D to 3D" for more design team productivity and modelling freedom

...more integration possibilities with other design and modelling packages through MultiSTEEL Integrator:

- Analysis and Design Software: transfer your analysis models straight into MultiSTEEL
- Plant and Piping Design packages: AutoCAD and non-AutoCAD based
- Automated Fabrications Systems

Case Study



Exxon Chemical (Singapore) : Ethylene Cracking

MultiSTEEL's flexible working methods allowed all furnace steelwork to be drawn as 2D frames by a team of designers. The software then automatically combined these frames into a complex 3D model with around 10,000 elements per furnace. This approach offered the advantages of efficient 2D drafting and G.A. production, 3D modelling and associated space management, and easy integration with other disciplines.

...more AutoCAD platforms supported now including:

- AutoCAD 2000, 2002, 2004 2005 and 2006
- Architectural Desktop and other Autodesk environments

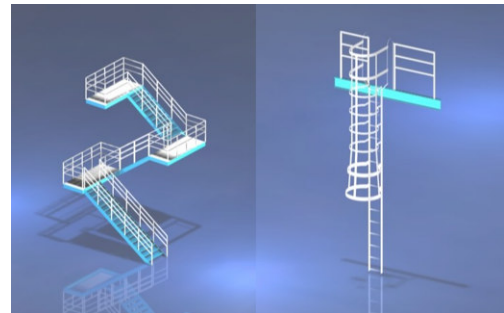
...more International Steelwork Standards supported

...more information through MultiSTEEL's intelligent steel modelling and advanced editing

...more bolted and welded connection types including snipes, coping holes and many fully welded configurations

...more advanced features for the modelling of complex tubular connections and automated fabrication through CNC links

...more time saved, more quality control, more integration, more VALUE



MultiSTEEL Access Module for 3D parametric design

MultiSTEEL contains a powerful Access Module to generate Ladders, Stairs and Handrails to user defined standards. Using the library function, many styles and configurations can be stored and recalled for particular plant types, client specifications, etc.

...also includes a managed structural CAD environment called MultiDRAFT to ensure that your design office standards are adhered to...including layering, special linetypes, model and paper space scaling, symbol libraries, and drafting utilities.

MultiSTEEL Users worldwide include:



Autodesk
Authorized Developer

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