

products

STEEL DETAILING SOFTWARE

Company	Products Offered	Product Descriptions
AceCad Software, Inc. www.strucad.com 610.280.2840	StruCad	A structural steel detailing system that puts an array of powerful modeling and detailing tools in the hands of drafting professionals, providing a productive solution for steel detailing.
	StruM.I.S	An MRP that brings the steel fabrication industry up-to-date with the latest processing, tracking, and reporting facilities and streamlines the fabrication process by providing seamless interaction between departments, suppliers, and clients.
	StruNest	A plate nesting system that allows users to optimize their steel stock by planning cutting schedules to calculate minimum wastage.
ASVIC Engineering and Software www.asvic.com 6.175.526.6601	MQ Structural Steel Detailing	For AutoCAD, AutoCAD LT, and IntelliCAD. Steel shapes (AISC, CISC, BHP, DIN, JIS) with weighted auto-BOM. Stairs, ladders, connections, frames, beam design, and symbols. Free demo available.
AutoSD, Inc. www.autosd.com 601.679.5800	AutoSD Steel Detailing	Works with AutoCAD 14-2006 and IntelliCAD for detailing structural and miscellaneous steel. Configure the program to your detailing requirements. Beam-to-beam, beam, and vertical brace-to-column connection matching.
CadVantage, Inc. www.steeldetails.com 704.344.9644	CVSpro8	A stand-alone Windows system that combines piece-by-piece and grid-navigator input styles. Users click icons representing framing conditions and enter other basic information found on a framing plan: the rest is automatic. Connections can be applied automatically or specified from a user-definable library.
	CVSpro ToolBox	For miscellaneous detailing. Works with CVSpro to boost miscellaneous detailing power. Choose from seven modules to detail stairs and handrails, erection and anchor bolt plans, ladders, roof frames, trusses, etc.
	SmartJoist	Creates joist lists and decking layouts.
CADS-USA, Inc. www.cadsusa.com 800.470.4566	Advance Steel	An AutoCAD-based structural steel detailing platform that is a fraction of the price of the competition yet more powerful and easier to use.
Computer Detailing Systems, Inc. www.asteel.com 888.263.5892	Asteel 2.0	A flexible detailing solution with drawing presentation. Produces details, CNC and production control data, mill orders, connection calculations, gather sheets, and more. User friendly. Easily configurable.
	Asteel 3D	A complete detailing solution. Produces details, anchor bolt plans, e-sheets, field bolt lists, mill orders, CNC data, production control data, connection calcs, and more. Easy to use, with minimal training required.
Computer Detailing Corporation www.steellogic.com 215.938.6860	SteelLogic	A cost-effective system to create shop details of structural steel and miscellaneous metal including bills of material, cutting lists, and shipping and ordering lists. Automatic stair stringer details from stair plans.
	Material Management	A program to create shop cutting lists, advance order lists, and inventory lists for use in estimating, ordering, and cutting tasks.
	Optimal Cutting Program	A linear nesting program, using stock material and a list of required material, determines the most economical cutting arrangement. Cuts any linear material.
	FICalc	A pocket PC calculator for feet and inches.
Coutts Design, Inc. www.zipcad.com 617.868.2940	ZiPCAD Pro	A full-featured 2-D CAD program for PDAs and Smartphones. Excels at drafting existing conditions on site and at generating and maintaining punchlists.
Design Data www.sds2.com 800.442.0782	SDS/2	A 3-D computer modeling software product designed for the structural steel industry. The user creates a 3D model that is used to automatically design members and member end connections, produce shop drawings, order material, create CNC files for automated fabrication, and share data with other software products. Steel detailers, fabricators, engineers, and erectors can access the same 3D model from anywhere in the world simultaneously.
DetailCAD www.detailcad.com 406.862.7906	DetailCAD	A software program used to detail structural steel. The user has the option to put all information into a framing plan and have the software generate details, or generate details by a piece-by-piece method.
	DetailCAD Genie	Properties and dimensions of various shapes are just a click away. Bracing, camber, trigonometry, stairs, circle, and metric conversion, as well as many other functions are also included with this software.
	DetailCAD Plan Generator	Used to generate anchor setting and framing plans automatically. The user enters information into dialog boxes and plans are generated in AutoCAD automatically.
Digital Canal Corporation www.digitalcanal.com 800.449.5033	StrucPro	2D detailing and structural drawing software for AutoCAD. Quickly generate details (steel and concrete) for erection plans, fabrication details, and shop drawings with little input and a few mouse clicks.
Graitec www.graitec.com 800.470.4566	Advance Steel Suite	A powerful and user-friendly, flexible AutoCAD-based steel detailing and fabrication package. Easily produces general arrangement drawings, detailing, bills of material, and NC files. Works in all Autodesk-supported versions of AutoCAD.
FabCAD, Inc. www.fabcad.com 800.255.9032	Customized AutoCAD Products	Customized AutoCAD products for the ornamental/architectural metal fabrication industry. Automated railing, fence, and gate drawing software. Design library of castings and forgings from six suppliers.

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John Williams Detailing, Inc. www.williams-detailing.com 260.492.2327	AutoStructural	Drawings for structural steel beams and columns. Auto backoffs, copes, and dimensioning. Draws and dimensions beams and columns from user input and AISC data files.
	AutoStair	Drawings and dimensions for steel stringers for fabrication. User inputs run and rise for stairs, AutoStairs draws and dimensions stringers ready for fabrication.
MacroSoft www.4macrosoft.com 909.863.9169	Detail	A fully automated structural steel detailing system. Build your model on the screen visually in 3D using the GMI, apply your connections either globally or drag-and-drop, and the shop DWGs, erection DWGs, reports, and CNC files are generated automatically.
MultiSuite Software www.multisuite.com 800.500.4563 713.807.1005	MultiSteel	Structural steel design software for AutoCAD in 2D and 3D steel. Wide range of automated features. Full design links. Specialized modules for platforms, stairs, rigs, and offshore.
	MultiDraft	A general detailing environment for AutoCAD. Includes key drafting tools. Ensures drawings' layering, annotation style, and presentation are consistent.
	MultiIntegrator	A family of translators to enable the exchange of MultiSUITE application data between the main industry applications for further analysis and design.
NYacad, Inc. 646.369.9006 www.nyacad.com	Solid Structural	3D steel auto detailing, AutoCAD-based software for structural steel and stairs. Steel framing and anchor bolt plans, elevations, shop drawings, and reports generated in auto regime.
	Quick Structural	Auto-generated steel framing and anchor bolt plans, elevations, typical sections and grids (AutoCAD). Structural shapes database: fast search, selection, and calculations.
	SDS-DXF-Convert	Auto conversion of SDS/2-produced DXF files into AutoCAD DWG format. Options: apply stacked text, assign layers, fill holes, set scale. Improved DXF import in SDS/2.
	Acad Officer	Nine AutoCAD add-ons in one package. Stairs and rails modeling, calculations and auto drafting; weld symbols; structural symbols; dimensions and text utilities; filters; and Acad Explorer.
Omnitech Associates, Inc. www.desconplus.com 888.8.DESCON	DesconWin	Updated for AISC 2005 specification. Designs beam shear and moment connections to girders and columns, beam and column splices, and FEMA-350 connections. Available in US and metric units; ASD and LRFD.
	DesconBrace	Updated for AISC 2005 specification. Designs connections of diagonal, chevron, K, and knee braces, including brace connections to column base. Available in US and metric units; ASD and LRFD.
SoftDraft, LLC www.softdraft.com 901.753.6500	SteelPlus Detailing Bundle	An inexpensive suite of detailing and drafting applications that work with AutoCAD 2002-2006. No learning curve or expensive training programs. Includes structural shapes, bolts/nuts/washers, joists and girders, steel floor and roof deck, and welding symbols. Databases include AISC, MAISC, and CISC.
Soft Steel, Inc. www.softsteelinc.com 909.863.9191	Softscan	Bill of material scanner. Reads DWG or DXF files and creates files for exporting to any production management software. Also creates a suite of reports based on the BOM.
	GMI	Full-featured, powerful 3D modeling system that runs in AutoCAD. Used initially as the visual front-end for building models to be detailed by MacroSoft's Detail.
South Fork Technologies, Inc. www.southforktech.com 360.274.0493	ShapeBook with 2D/3D Steel 3.1	A structural steel reference and AutoCAD drafting tool for steel construction. View dimensions and properties. Search shapes by property values. Convert shape lists between US and metric.
SSDCP, Inc. www.ssdcp.com 704.370.0840	SSDCP	AutoCAD-based product for making structural and miscellaneous steel fabrication drawings, plate-work details, anchor bolt plans, erection plans, e-sheet sections, and more. Drawings follow AISC standards. Detail beams, columns, bracing, stairs, handrails, frames, tilt-up panels, and full-size shop templates.
SteelCad Consulting Corporation www.steelcad.com 800.456.7875	SteelCAD	Automated detailing and fabrication software. Complies with AISC and CISC standards. Produces erection drawings and generates design calculations. Shop-ready drawings. Details most structural beams, columns, vertical and horizontal bracing, stairs, and ladders. Any member made from almost any structural shape.
StrucSoft Solutions www.strucsoftsolutions.com 514.341.2028	Pro Steel 3D	A total structural solution for construction projects. From architectural modeling to engineering, detailing, fabrication, and erection, the range of software and support offered can help improve production and ease of project completion.
Tekla www.tekla.com 877.TEKLA.OK	Tekla Structures–Steel Detailing	The evolution of Xsteel. A structural and miscellaneous steel detailing solution that maximizes the accuracy and productivity of 3-D modeling while automatically creating shop/erection drawings, material reports, and CNC files for fabrication.
	Tekla Structures–Full Detailing	Multi-material construction, single platform. The ability to create comprehensive production models and fabrication/detail drawings for structural steel, pre-cast concrete, and CIP reinforced concrete elements. Tekla also offers modeling solutions for each construction material separately.
	Tekla Structures–Project Management	Managing the information model. Tekla provides the ability to apply and automatically extract critical management attributes in all Tekla Structures-based models. Provides access to this information without the need to manipulate construction geometry.