

# STEEL/COLD-FORMED STEEL PRODUCTS GUIDE

a definitive listing of steel/cold-formed steel product manufacturers/distributors and their product lines

## Software

### Bentley Systems

Phone: 800-236-8539

Email: [structural@bentley.com](mailto:structural@bentley.com)

Web: [www.bentley.com](http://www.bentley.com)

**Product:** RAM Steel V8i

**Description:** RAM Steel is a powerful tool that allows structural engineers to quickly design the gravity beams, columns and base plates of a structure. It empowers engineers to quickly model and design the entire structure, explore design options, make better informed design decisions and predict costs and provide more economical solutions.



### Computers & Structures, Inc.

Phone: 510-649-2200

Email: [info@csiberkeley.com](mailto:info@csiberkeley.com)

Web: [www.csiberkeley.com](http://www.csiberkeley.com)

**Product:** SAP2000

**Description:** The SAP2000 name has been synonymous with state-of-the-art analytical methods since its introduction over 30 years ago. Powered by an unmatched analysis engine, it offers unrivaled functionality and ease-of-use, featuring an intuitive, versatile 3D object-based graphical user interface coupled with design tools for engineers working on a variety of structures.



### CSC

Phone: 877-710-2053

Email: [melanie.maclaren@cscworld.com](mailto:melanie.maclaren@cscworld.com)

Web: [www.cscworld.com](http://www.cscworld.com)

**Product:** Fastrak

**Description:** Fastrak is the definitive software for the design, documentation and BIM interoperability of both simple and complex structural steel buildings. Offering ease of use with its 2D and 3D modeling environments, Fastrak is capable of dealing with diverse structures that may encompass trusses, cantilevers, composite beams and complex loadings.

### Devco Software, Inc.

Phone: 541-426-5713

Email: [rob@devcosoftware.com](mailto:rob@devcosoftware.com)

Web: [www.devcosoftware.com](http://www.devcosoftware.com)

**Product:** LGBEAMER v8

**Description:** Analyze and design cold-formed Cee's, Zee's and channels. Includes 2007 NASPEC (adopted in 2009 IBC). Comprehensive modeling and design with special modules for shearwalls, framed openings, X-braces, joists, rafters and more. Also HSS per AISC 13th edition.



### Digital Canal

Phone: 800-449-5033

Email: [clint@digitalcanal.com](mailto:clint@digitalcanal.com)

Web: [www.digitalcanal.com](http://www.digitalcanal.com)

**Product:** Steel Design

**Description:** Digital Canal's NEW Steel Design supports AISC 13th Edition, ASD 9th and LRFD 2nd Editions. Incredibly detailed "hand calculation" reports are a "must have" to learn the new AISC code! Steel Design is available in single member beam/column modules as well as full-featured frame/FEA programs.

### GT STRUDL

Phone: 404-894-2260

Email: [casec@ce.gatech.edu](mailto:casec@ce.gatech.edu)

Web: [www.gtstrudl.gatech.edu](http://www.gtstrudl.gatech.edu)

**Product:** GT STRUDL

**Description:** GTSTRUDL V31 for the analysis & design of civil works facilities, industrial, nuclear, offshore, transportation, and utilities. Key analysis features include linear/nonlinear static, dynamic, pushover, and buckling analysis. US and International Steel Design Codes plus ACI and British Concrete Design Codes. Base Plate Analysis Module and Multi-Processor Solvers also available.



### IES, Inc.

Phone: 800-707-0816

Email: [sales@iesweb.com](mailto:sales@iesweb.com)

Web: [www.iesweb.com](http://www.iesweb.com)

**Product:** VisualAnalysis

**Description:** IES VisualAnalysis automates the design of steel, wood, concrete, aluminum, and cold-formed beams, columns, and framing for anything from simple members to complete, complex structures. A modern and intuitive user interface simplifies modeling, analysis, design, and reporting.



### LUSAS

Phone: 646-837-8756

Email: [info@lusas.com](mailto:info@lusas.com)

Web: [www.lusas.com](http://www.lusas.com)

**Product:** LUSAS

**Description:** LUSAS finite element software solves all types of linear and nonlinear stress, dynamics, composite, fatigue, buckling, thermal or soil structure interaction problem. Use LUSAS Bridge for design and load rating of all types of bridge. Use LUSAS Structural software for simple/complex slabs, building frames, stadia, masts, towers and tanks.

### Nemetschek Scia

Phone: 877-808-7242

Email: [usa@scia-online.com](mailto:usa@scia-online.com)

Web: [www.scia-online.com](http://www.scia-online.com)

**Product:** Scia Engineer

**Description:** Scia introduces innovative 3D software to optimize the design and fabrication of all types of structures, including load bearing cold form steel structures. And, by linking modeling, analysis, and drawings, in ONE program, Scia makes it easy for engineers to plug design into today's BIM process.

### POSTEN Engineering Systems

Phone: 510-275-4750

Email: [sales@postensoft.com](mailto:sales@postensoft.com)

Web: [www.postensoft.com](http://www.postensoft.com)

**Product:** TaperSTEEL

**Description:** Sustainable Design in Steel is Easy with TaperSTEEL. While Increasing the Design Options with Tapered Steel Girders in Portal Frames, Simple Spans or Spans with Cantilevers, not just the depth of the webs are optimized for the loads, but also the width of the flanges.

### RISA Technologies

Phone: 949-951-5815

Email: [info@risatech.com](mailto:info@risatech.com)

Web: [www.risa.com](http://www.risa.com)

**Product:** RISAFloor

**Description:** Get the most out of your steel designs with RISAFloor and RISA-3D. The ability to use multiple materials in one FEA model makes these programs your first choice for both hot rolled and cold formed steel. With 16 steel databases and 21 steel codes RISA has all your bases covered.



### S-FRAME Software, LLC

Phone: 203-421-4800

Email: [info@s-frame.com](mailto:info@s-frame.com)

Web: [www.s-frame.com](http://www.s-frame.com)

**Product:** S-PAD R10.0

**Description:** Now available as a standalone application with a spreadsheet-type interface to S-STEEL's capabilities for an interactive design and optimization of structural steel members.

**Product:** S-STEEL R10.0

**Description:** Interactive and automated design and analysis of structural steel members (fully integrated with S-FRAME). Supports AISC ASD 89, AISC LRFD 94, AISC 360-05 LRFD/ASD, EC3:2005, CSA-S16-2001 & 2009, CSA-S16.1-M94, BS 5950:1990 & 2000, AS 4100-1998, NZS 3404:1997.



## Suppliers

### CMC Steel Products

Phone: 972-772-0769

Email: [marketing@cmc.com](mailto:marketing@cmc.com)

Web: [www.cmsteelproducts.com](http://www.cmsteelproducts.com)

**Product:** SMARTBEAM®, Castellated and Cellular Beams

**Description:** CMC Steel Products manufactures the cellular and castellated SMARTBEAM – an innovative, economical and sustainable alternative for floor and roof framing systems. Manufactured from recycled materials, the beams are lightweight, have superior deflection properties, and can integrate MEP systems through the web openings. SMARTBEAM – The Intelligent Alternative.

## The Dyson Corp.

Phone: 440-946-3500

Email: [mhiggins@dysoncorp.com](mailto:mhiggins@dysoncorp.com)

Web: [www.dysoncorp.com](http://www.dysoncorp.com)

**Product:** Domestic Nuts, Bolts and Custom Forgings  
**Description:** ASTM-A194(2H) and ASTM-A563(DH) large diameter hot forged heavy hex nuts for structural applications (½" through 12" diameter). Also, free spinning, reusable DYSON D-LOC locking and sealing nuts for vibration abatement (1" through 6" diameter). Construction fasteners and accessories.

## Hardy Frames, Inc.

Phone: 805-477-0793

Email: [dlopp@mii.com](mailto:dlopp@mii.com)

Web: [www.hardyframe.com](http://www.hardyframe.com)

**Product:** Hardy Frames®

**Description:** Hardy Frames, Inc. manufactures and markets the revolutionary Hardy Frame shear wall system, which includes pre-fabricated shear wall panels and moment frames. The Hardy Frame system allows Building Designers to economically and safely minimize wall space and maximize wall openings while resisting high wind and earthquake loads.

## iLevel by Weyerhaeuser

Phone: 888-453-8358

Email: [ilevel@weyerhaeuser.com](mailto:ilevel@weyerhaeuser.com)

Web: [www.iLevel.com](http://www.iLevel.com)

**Product:** iLevel Steel Concrete Reinforcing Materials  
**Description:** iLevel by Weyerhaeuser offers steel concrete reinforcing materials through its 27 nationwide distribution centers. Products include rebar, remesh, anchor bolts, wire and steel construction stakes. iLevel technical representatives are available to assist with component selection, transporting to multiple job sites and just-in-time delivery.

## Nuconsteel

Phone: 940-891-3050

Email: [lrattan@nuconsteel.com](mailto:lrattan@nuconsteel.com)

Web: [www.nuconsteel.com](http://www.nuconsteel.com)

**Product:** NUPANEL

**Description:** A fully panelized load-bearing, cold-formed steel wall system with stud and track members available in 3½-inch and 6-inch standard widths. And with other building construction methods like cast-in-place concrete, pre-cast concrete, masonry and structural steel framing, NUPANEL integrates easily with either load-bearing or curtain wall applications.

**Product:** NUTRUSS

**Description:** A fully engineered commercial grade roof and floor truss system, designed and manufactured to exacting specifications and quality, this proprietary truss system is the professional choice – from plans through fabrication, straight to job site installation.

## Omega Engineering

Phone: 203-359-1660

Email: [info@omega.com](mailto:info@omega.com)

Web: [www.omega.com](http://www.omega.com)

**Product:** Pressure sensors, transducers, load cells, strain gages

**Description:** Manufactures pressure sensors, transducers, load cells, strain gages.

## Peikko Group

Phone: 888-734-5561

Email: [info@peikkousa.com](mailto:info@peikkousa.com)

Web: [www.peikkousa.com](http://www.peikkousa.com)

**Product:** Deltabeam

**Description:** Deltabeam is a composite steel beam designed to increase vertical density in multi-story buildings. Over 7000 buildings worldwide have been designed with Deltabeam since 1989. Reaching spans over 30 feet with a depth of only 12 inches, Deltabeam offers unmatched flexibility while keeping the floor depth to a minimum.

## SAS Stressteel, Inc.

Phone: 973-244-5995

Email: [felix@stressteel.com](mailto:felix@stressteel.com)

Web: [www.stressteel.com](http://www.stressteel.com)

**Product:** Hot-rolled Fully Threaded Steel Bars

**Description:** Innovative products + solutions. SAS hot-rolled steel thread bar sizes from #6 to #24 in grades 80, 97, 150 and select 160ksi are used in a wide range of applications from rock + soil anchors to multi-bar caissons to high strength reinforcing steel systems for high-rise concrete structures.

## Simpson Strong-Tie

Phone: 925-560-9000

Email: [web@strongtie.com](mailto:web@strongtie.com)

Web: [www.strongtie.com](http://www.strongtie.com)

**Product:** Connectors for Cold-Formed Steel Construction

**Description:** Simpson Strong-Tie offers a full line of connectors tested for use in cold-formed steel construction. The new AHEP adjustable hip end purlin is a structural purlin that also serves as an installation aid during the truss erection process. Request a copy of the Cold-Formed Steel Connectors catalog at the website.

## Technical Glass Products

Phone: 800-426-0279

Email: [sales@tgpamerica.com](mailto:sales@tgpamerica.com)

Web: [www.tgpamerica.com](http://www.tgpamerica.com)

**Product:** SteelBuilt™ Curtainwall Infinity

**Description:** SteelBuilt Curtainwall Systems from TGP allow larger areas of glass, smaller frame profiles and wider free-spans. The Infinity Series – back mullions of virtually any profile, including I-, T-, U and L-shapes, and can use as a back mullion almost any type of framing member, from stainless steel to glulam beams.

## TrusSteel, an ITW Company

Phone: 888-565-9181

Email: [info@TrusSteel.com](mailto:info@TrusSteel.com)

Web: [www.TrusSteel.com](http://www.TrusSteel.com)

**Product:** Pre-Engineered CFS Trusses

**Description:** TrusSteel® cold-formed steel trusses are easy to specify, design & inspect (Guide Specs available). They are easy to handle and install due to superior stiffness and high strength-to-weight ratio. Local TrusSteel fabricators provide sealed truss designs, standard details, guide specifications, hardware, estimates and finished trusses.

## Valmont Industries



Phone: 402-359-2201

Email: [kyle.debus@valmont.com](mailto:kyle.debus@valmont.com)

Web: [www.hsssuperstruct.com](http://www.hsssuperstruct.com)

**Product:** HSS Superstruct

**Description:** Now you have the flexibility to design using square and rectangular HSS tubing between 12-inch square and 50-inch square, up to 1-inch thick walls and 55 feet long.

## Zone Four

Phone: 951-245-5140

Email: [rlofranco@zonefour.com](mailto:rlofranco@zonefour.com)

Web: [www.zonefour.com](http://www.zonefour.com)

**Product:** Z4 Continuous Tie-Down Solution

**Description:** Z4 is now part of the Hardy Frame family of products. Z4 features the Quick-Connect system which is the most economical and comprehensive continuous tie-down solution utilizing the patented Cinch Nut design. The Z4 Quick-Connect system has unparalleled performance and reliability and is simple to install.

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