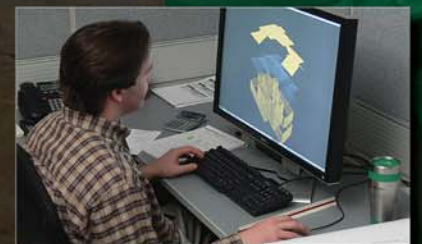


NUTRUSS 2.0™
NUTRUSS 3.0™



NUCONSTEEL®
A NUCOR COMPANY

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NUCONSTEEL®
A NUCOR COMPANY



NUTRUSS 2.0™ NUTRUSS 3.0™

THE POWER TO SUCCEED

The fastest, most economical integrated system ever developed for fabricating trusses for residential and light commercial projects.



The Complete TRUSS SYSTEM

A total solution for Light Gauge Steel Trusses from a company you can trust – NUCONSTEEL. NUTRUSS 2.0 (2" profile) and the BRAND NEW NUTRUSS 3.0 (3" profile), which can increase your span potential 30% or more, integrate all the components you need to produce high quality, cost-effective roof and floor trusses for the residential and light commercial marketplace.

The NUTRUSS system combines a roll forming machine and decoiler, integrated software and extensive training with high quality slit steel coils into one simple to operate, easy to maintain, powerful system. This system requires no jigs, measuring, cutting, layout, stock length inventory, or wall tables enabling you the ability to produce perfect steel trusses – on time, every time.

NUTRUSS 2.0 & 3.0 Steel Trusses: Economical and Fast

- Completely automated, just-in-time roll forming production
- Single web and chord profile
- From coil to finished truss in one step
- Fast bolt together construction
- No cutting, measuring, drilling, jiggling or inventory
- Virtually no scrap or waste
- Intuitive fully integrated Design/Engineering software
- Easy installation
- Compatible with other building systems



BUILT ON A SOLID FOUNDATION

The inherent benefits of steel framing, combined with the support of an industry leader and the strength of one of America's largest steel producers.



Start With THE BEST STEEL

The quality of your finished product depends on the quality of your raw material. NUCONSTEEL – a wholly owned subsidiary of NUCOR – offers high quality galvanized slit coils specifically for NUTRUSS 2.0 & 3.0 customers. Nucor has been considered 'best in class' among steel producers for many years. Now that quality can be delivered directly to you! Produced from nearly 100% recycled material, Nucor steel is environmentally friendly too. NUTRUSS 2.0 & 3.0 customers receive preferred pricing and availability.



Build Your Trusses With THE BEST SYSTEM

The NUTRUSS 2.0 and NUTRUSS 3.0 System effectively takes you through the whole process, start to finish, with one efficient package.

Intuitive Truss Design Software

- Simple, logical set-up and layout
- Customizable default settings
- Design in 2D and 3D views
- Print Shop Drawings with your logo
- Send digitally to NUTRUSS roll formers

Automated Roll Formers

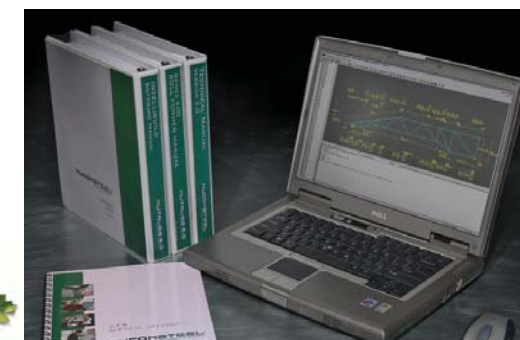
- A single profile produces each truss
- Easy set-up and maintenance
- Lockable casters for great mobility

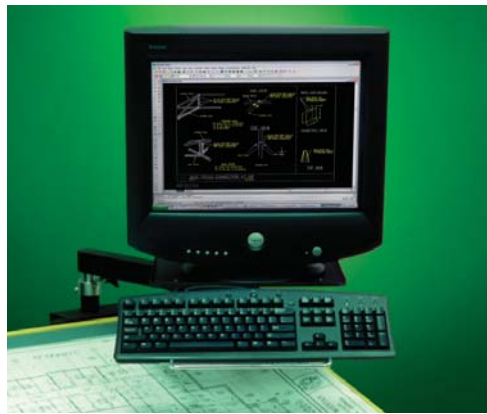
Just-In-Time Truss Production

- Pre-punched for jigless assembly
- Quick, strong Bolted connections

Comprehensive Training and Support

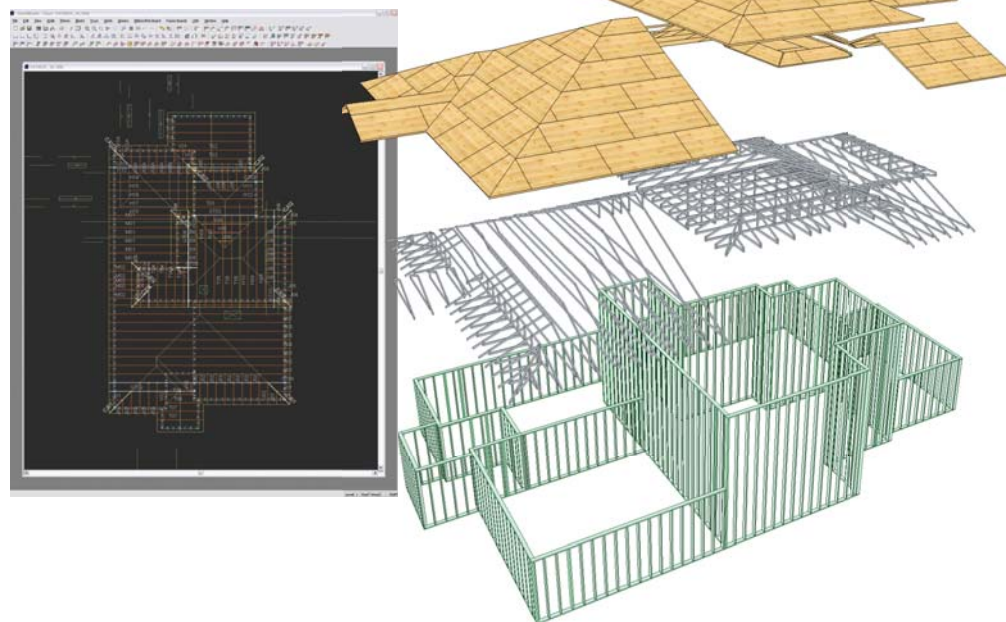
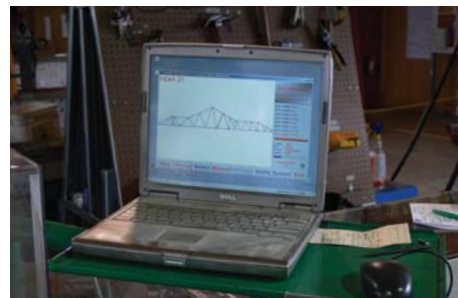
- Software Training and Manuals
- Fabrication Training and Manuals
- Experienced Personal Support Team
- Fabricator Resource Website





INTEGRATED SOFTWARE SYSTEM

The intuitive truss design, layout and production software dramatically reduces the entire fabrication process.



State-of-the-Art TRUSS SOFTWARE

Truswal Design/Engineering Software – the heart of the NUTRUS 2.0 & 3.0 systems – is the industry leading design software used to create the light gauge steel trusses. Powerful, flexible, and comprehensive, the design software is capable of designing virtually any truss in steel that can be produced in wood. With a seamless transfer of geometry to the Roll Former software, the package is unbeatable in the industry.

A true Design/Engineering tool, the software lets you see exactly what you are designing, and will allow you to optimize each truss to ensure a cost-effective product. Developed with the designer in mind, default settings handle most specific variables. Each component is defined by a set of properties which allows you to quickly and accurately develop a truss – built the way you want it. Intuitive and easy to learn, you will appreciate how items are linked together so that one adjustment means everything else still fits. Complicated designs are handled quickly and accurately without complicated input.

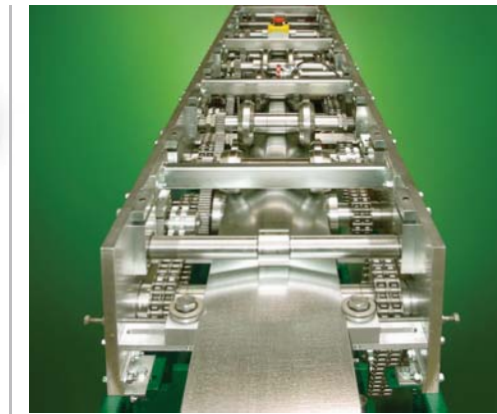
Roll Former Production Software is the bridge between the Design/Engineering software and the Series 620 and 630 Roll Formers. Completely intuitive, the RF Software will have you producing steel trusses in minutes.

While it may be simple in design, it isn't lacking flexibility. Every aspect of machine control is configurable using default settings. Even the most complex truss geometry will be converted instantly and accurately. The screen provides a clear image of the truss currently being produced and the order each piece has been run, ensuring non-stop assembly. Real time diagnostics constantly monitor machine function to instantly provide feedback for any anomaly.

Advanced features such as real time hydraulic operation counters and even user defined truss order puts the software in a league all by itself.

FROM COIL TO ASSEMBLED PANELS

This synergistic system eliminates random length inventory, material sorting, measuring, cutting, jiggling, coping, punching and additional labor.



The Series 620 & 630 ROLL FORMERS

The Series 620 and 630 Roll Formers is the strength of the NUTRUS 2.0 & 3.0 systems. With the state-of-the-art engineering and layout software from Truswal as the beginning point for this remarkable truss system, the Series 620 and 630 Roll Formers produces each piece in a logical assembly order.

With virtually no scrap, this roll former produces truss components directly from the coil to assembly. All necessary functions are performed within the roll former.

The computer controlled servo driven machine precisely rolls the chord/web profile through nine progressive stations. As the steel exits the roll cage and enters the tool head, the full power and efficiency of the NUTRUS 2.0 & 3.0 equipment is realized. Five specific functions are hydraulically performed within the tool head and remove all but assembly from the equation. Elements are cut to length, coped, notched, and bolt holes punched producing components that are assembled into a finished truss.

Utilizing a patented profile that forms the truss chord and web, the NUTRUS 2.0 & 3.0 systems deliver an easy to operate, simple to adjust, low maintenance solution. Built on a rugged frame, the roll former is at home in a high volume fabrication facility or on the job-site.

2"
NUTRUS 2.0
Series 620 RF
2" Truss Profile

3"
NUTRUS 3.0
Series 630 RF
3" Truss Profile



Powered Automatic Decoiler

The Series 620 and 630 Roll Formers wouldn't be complete without a matching decoiler. Sized to work in step with the roll former, the decoiler is a mobile, easy to load device. Simply straddle the coil with the decoiler and the spool moves easily into the coil center. Expand the centering spool, lift the coil off the floor with the self-contained hydraulic system and position the decoiler. Thread the steel into the roll former and you're ready.



Start Quickly with our TRAINING & SUPPORT

NUCONSTEEL training and certification programs and resources can help you get your truss production running quickly and smoothly. Our courses feature hands-on tasks and real-world scenarios – in just a matter of days, you'll be able to embrace our steel fabrication system and be more productive. Our comprehensive training program included with every NUTRUSS 2.0 & 3.0 system provides efficient instructional training along with quality practical tutorials designed to get you up to speed quickly.

Our innovative training facility in Denton, Texas provides a quality learning atmosphere without interruptions, utilizing up-to-date, high speed equipment to maximize the learning experience. Limited class size guarantees the attention required can be provided to each individual.

The 4-day intensive training program covers all aspects of the Design/Engineering Software and highlights the Roll Former Production Software. Machine operators also receive four days of hands-on training at our manufacturing facility. An additional day of Machine Commissioning and Roll Former Production Software training is completed in your facility to assure that everyone involved in your business has the knowledge needed to be successful.

Still need help? Our highly experienced software support team is just a phone call away. Just dial our toll free number for instant design assistance.



COMPREHENSIVE SUPPORT

Building strong relationships on mutual trust and support is the most important factor in the NUCONSTEEL strategy for success.



BUILDING STEEL PANELS IS SIMPLE!

Making sure the entire process, from start to finish, works together as an efficient and cost effective package is what NUCONSTEEL provides.



Get the Ultimate BUILDING SOLUTION

NUCONSTEEL is pioneering a new technology of framing based on its innovative NUSOLUTIONS – a knowledge-oriented and solutions-based approach to building that enables us to go beyond our suite of light gauge structural steel products to offer total solutions that are flexible, cost-effective and compatible. This means our trusses, wall panels and complimentary products are engineered to work with one another as a complete solution. Our products are also compatible with other products in the market, providing the industry with unprecedented flexibility and choice.

Companion Products and Programs

NUCONSTEEL can provide a range of innovative light gauge steel structural products and accessories for residential and commercial construction.

NUFRAME

Advanced light gauge steel wall, floor and roof panel systems

NUJOIST

Structural steel floor joist system

VULCRAFT Products

Steel joists, joist girders and steel deck

NUCOR Building Systems

Metal Buildings and components

Simpson Strong-Tie

Cold-formed steel connectors

Aerosmith Fastening Systems

Pneumatic tools and hardened steel pins



NUPRODUCTS Pre-Designed Stock Plans

Engineered Standard Model Plans for Homes, Garages, Buildings, Sheds, Horse Barns, and Storm Shelters