

SOFTWARE PRODUCTS

DESIGN SOFTWARE

Scottsdale the leading supplier of software & hardware solutions to the building industry, introduces the most advanced, complete solution for design and fabrication of light gauge steel framing for residential and light commercial construction. The ScotSteel design software is powerful, intuitive, easy-to-use software which reduces the traditional multi-step fabrication process down to one integrated solution.

SCOTSTEEL

DESIGN TO PRODUCTION IN NO TIME!

ScotSteel - the heart of the Scottsdale system, state-of-the-art, industry leading design software used to interpret the architectural designs into panel & truss designs. Powerful and flexible, ScotSteel is capable of designing virtually any element (walls, roof, truss, ceilings floors and even items such as gable panels, overhang outlookers, soffit panels and more) into panel assemblies ready to run on the rollformer.

A true 3D design tool, ScotSteel allows you to easily see what's being designed. Developed with the designer in mind, default settings handle most job specific variables. Each element is defined by a set of properties which allows the user to quickly and accurately develop a model - built the way you want it! Intuitive and easy to learn, you will love how items are linked together so one adjustment means everything else still fits. Complicated design tasks are handled quickly and accurately without all the complicated input.

Feature rich and very fast, ScotSteel has the tools you need to spend more time adding up sales and less time adding up design hours.

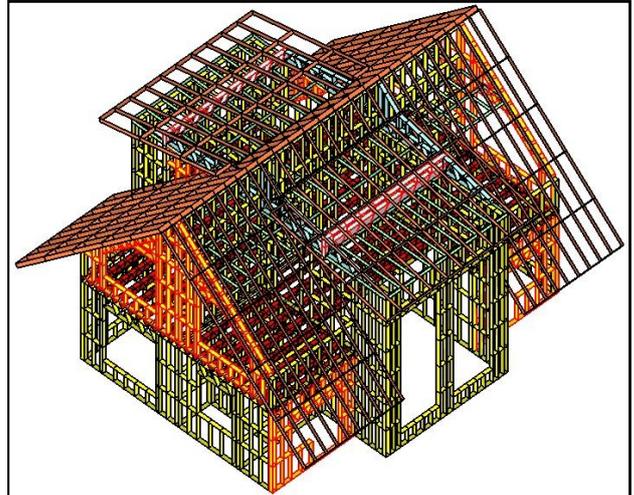
Powerful ScotLayout software is now incorporated in ScotSteel for fast simple extensive plan layout design.

ScotSteel exports productions files to ScotPanel rollformer software simply, seamlessly and accurately.

ScotSteel exports production files to ScotRF—Panel or ScotRF—Truss rollformer software simply, seamlessly and accurately. ScotSteel designs and panel production accuracy is determined at the design stage so consistent volume production does not require high skill levels on the factory floor, as there is no welding, measuring, cutting, or specialised tool skills required, just assembly with riveting guns and self drilling fasteners.

ScotSteel allows the user to design complex multi-level or split-level buildings, followed by automatic frame generation.

All design work can be done in ScotSteel without the need to import 3D DXF files from architecture or CAD software - but ScotSteel can import a DXF floor plan from programs like Chief Architect, ArchiCAD or AutoCAD to enable quick wall generation from an architect's electronic plans.



A completed design

Some features of ScotSteel:

- ◆ All design work in one software package, no need for Architecture software, leading to faster design capability
- ◆ Steel quantities for all elements known prior to production
- ◆ Powerful Auto Roof & Truss Tool
- ◆ Database library of opening sizes (for doors and windows)
- ◆ Plate generation for Lintels, X-bracing, vertical and horizontal bracing
- ◆ Powerful new Print-out options
- ◆ DXF import and 3D DXF export
- ◆ Export steel usage data into Excel (.csv format)
- ◆ Improved graphics
- ◆ Powerful editing tools
- ◆ Auto design tools - floor and ceiling joists and truss layout
- ◆ Stud to truss alignment tool and truss layouts
- ◆ Frame and element overlap checking tools
- ◆ Powerful new 3D editing tools
- ◆ View structure in 3D steel or 3D panels, or a combination of both
- ◆ Intuitive – easy to learn
- ◆ Default driven
- ◆ Graphical data entry
- ◆ 2D and 3D views
- ◆ Full 3D viewing from any angle
- ◆ Design any frame (roof, ceiling, wall, floor, soffit, overhangs, and many more)
- ◆ Full integrated truss design
- ◆ Designer Productivity Tools
- ◆ Variable snap to settings
- ◆ Tool tips on all icons
- ◆ Hide/View feature
- ◆ Lock frame position
- ◆ Dynamic zooming
- ◆ Status bar prompts



ScotRF - Panel Rollformer Software

Scottsdale the leading supplier of software & hardware solutions to the building industry, introduces the most advanced, complete solution for design and fabrication of light gauge steel framing for residential and light commercial construction. ScotRF - Panel software is powerful, intuitive, easy-to-use software which reduces the traditional multi-step fabrication process down to one integrated solution.

SCOTRF-PANEL

COMPLETE MACHINE CONTROL

ScotPanel production software is the bridge between ScotSteel and the Series 500 & 700 rollformers.

Completely intuitive, ScotPanel will have you producing light gauge steel panels in minutes.

ScotPanel directly interprets the design data produced by ScotSteel and converts them into precise machine instructions for the rollformer.

While it may be simple in design, it isn't lacking any power or flexibility. Every aspect of machine control is configurable using default settings. Even the most complex frame geometry will be converted instantly and accurately.

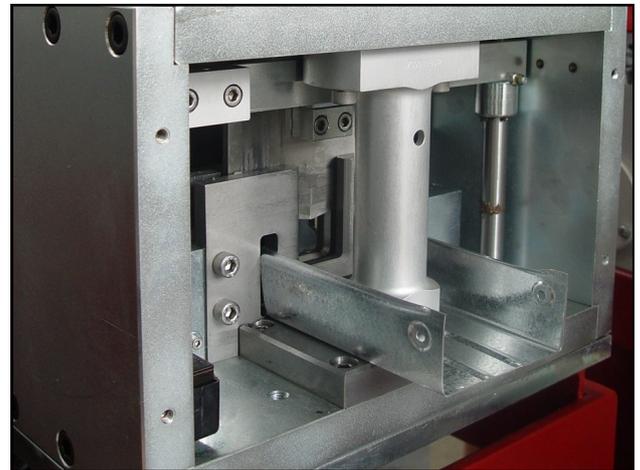
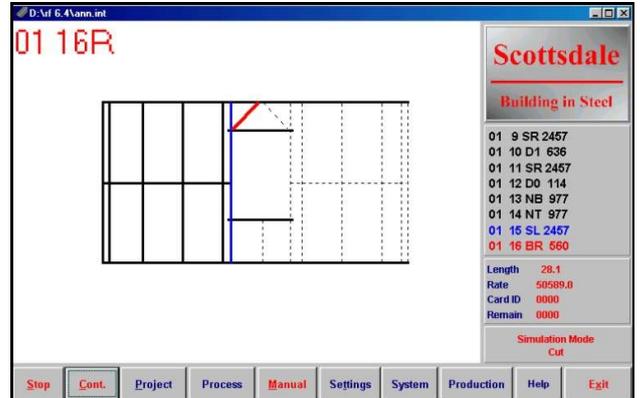
More than just a simple operator interface, the on-screen graphics provide a clear image of the panel currently being produced, Intelligent colour coded graphics indicate the order each piece has been run insuring non stop assembly. Real time diagnostics constantly monitor machine function to instantly provide feedback for anything out of normal.

If desired, full frame editing tools embedded in ScotPanel allow an operator to make emergency changes or even create a panel without returning to the design department.

Unlock the potential of real time production and assembly where you have complete control. Imagine what virtually no work-in-progress inventory would do to your bottom line!

Advanced features

- ◆ Real time Ink-jet printing (with printer option)
- ◆ Hydraulic operation counters
- ◆ User defined frame order production
- ◆ "Speed control" of production
- ◆ User defined door and window libraries
- ◆ Reposition doors/windows dynamically



ScotPanel Software Features:

- ◆ Selected frame run order or design run order
- ◆ Quantity multiplier
- ◆ Pause control
- ◆ Manual function controls
- ◆ Full function frame editor
- ◆ Item wizard
- ◆ Simulation mode
- ◆ Pause between panel toggle
- ◆ Coil tracking / job production monitoring
- ◆ Metric/Imperial mode
- ◆ User defined scaled display
- ◆ Default service punch locations (or designer defined)
- ◆ Fully adjustable tool settings
- ◆ Fully adjustable steel settings
- ◆ Complete tool counters
- ◆ Simple calibration function
- ◆ Real time diagnostic status
- ◆ Onscreen material display
- ◆ Material sequence colour indicators

Due to constant product development specifications are subject to change without prior notice

ScotRF - Truss Rollformer Software

Scottsdale the leading supplier of software & hardware solutions to the building industry, introduces the most advanced, complete solution for design and fabrication of light gauge, high quality and cost effective steel trusses for the residential and short span commercial marketplace.

SCOTRF-TRUSS

COMPLETE MACHINE CONTROL

ScotTruss is the software bridge between the Design/Engineering software and the Series 600 rollformer. Completely intuitive, ScotTruss RF software will have you producing light gauge steel trusses in minutes. This software directly interprets the geometry data produced by the Design/Engineering software and converts it into machine commands for the rollformer.

While it may be simple in design, it isn't lacking the power or flexibility. Every aspect of machine control is configurable using default settings. Even the most complex truss geometry will be converted instantly and accurately.

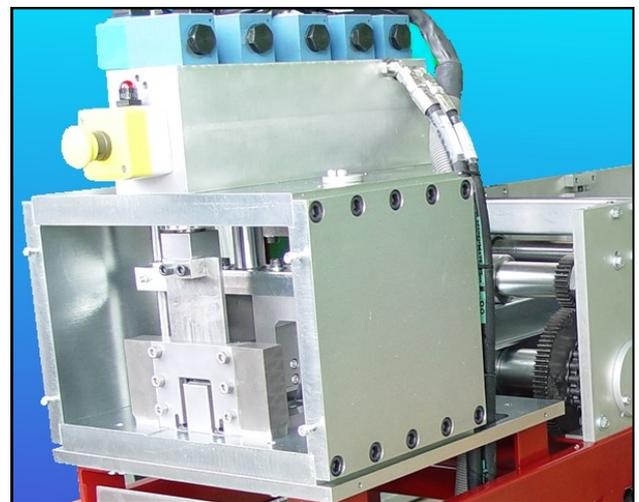
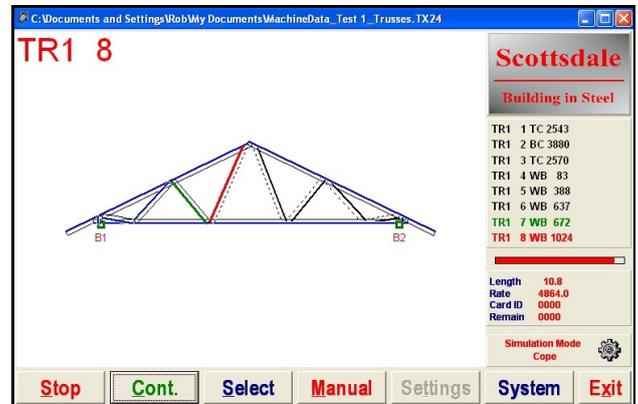
More than a simple operator interface, the on-screen graphics provide a clear image of the truss currently being produced. Intelligent colour coded graphics indicate the order each piece has been run insuring non-stop assembly. Real time diagnostics constantly monitor machine function to instantly provide feedback for any anomaly.

If necessary, full truss editing tools embedded in the ScotTruss software allow the operator to make emergency changes to a truss without returning to the design department. Advanced features such as real time ink-jet printing (optional), hydraulic operation counters, user defined truss order and even "speed control" puts this software in a league all by itself.

Unlock the potential of real time production and assembly where you have complete control. Imagine what virtually no work-in-progress inventory would do to your bottom line!

Advanced features

- ◆ Real time Ink-jet printing (with printer option)
- ◆ Hydraulic operation counters
- ◆ User defined truss order production
- ◆ "Speed control" of production



ScotTruss Software Features:

- ◆ Selected truss run order (batching)
- ◆ Quantity multiplier
- ◆ Pause control
- ◆ Manual function controls
- ◆ Full function truss editor
- ◆ Item wizard
- ◆ Simulation mode
- ◆ User defined printing options
- ◆ Coil tracking / job production monitoring/control & monitoring
- ◆ Metric/Imperial mode
- ◆ Pause control
- ◆ Fully adjustable tool settings
- ◆ Fully adjustable steel settings
- ◆ Complete tool counters
- ◆ Simple calibration function
- ◆ Real time diagnostic status
- ◆ Onscreen material display
- ◆ Material sequence colour indicators

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