

Trussline: The Ultimate Truss Visualization Tool for Highly Automated Truss Production

With a Laser Outline, Workers of Almost Any Skill Level Can See What the Truss Looks Like Ahead of Production

Virtek's TrussLine® (distributed by MiTek) has a remarkable ability that more than 500 component manufacturers around the globe claim is dramatically speeding up truss production and accuracy. Driven by truss design within SAPPHIRE *Structure*, TrussLine projects laser lines at 100% scale on the truss production table. The laser lines show exactly where truss components, chords, webs, and connector plates should be placed, all with within 1/16" accuracy. Because Trussline uses laser lines to projects an *exact template* for trusses of any configuration or complexity – even multiple trusses and multiple jigs – workers of practically any skill level can provide high productivity simply by relying Trussline's laser for guidance.

Trussline eliminates the need for measuring, squaring and stringing. Even the most complex trusses can be set up in minutes. Plus, miscuts or improperly selected lumber are instantly identified, which further reduces mistakes and waste. And for light gauge steel applications, TrussLine even projects the number of fasteners required at each joint.

MiTek's experience with implementations of Trussline shows that TrussLine reduces setup and changeover time by up to 70%, and it increases productivity by up to 25%, even with workers who have limited training or skill. (Accordingly, training costs are greatly reduced as well.)

Dealing with one-of-a-kind trusses? No problem. Flexible

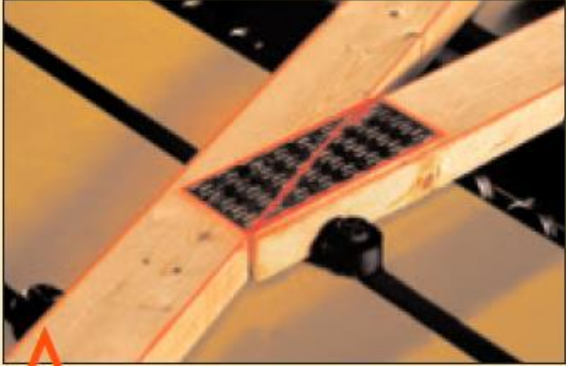
production control makes it equally easy to produce multiples or “one-of-a-kind” trusses quickly and easily, increasing manufacturing capacity and dramatically lowering per-unit costs.

Installation of Trussline is easy and can be done over a weekend. (The Trussline software is Windows® based.) There is no need to install new tables. Our users around the world report that TrussLine is so easy to learn and use that anyone can become proficient in a few hours.

Advanced features and benefits of Trussline also include

- Automated jigging integration
- TrussLine jigging software with TekSet™ pucks
- Automatically optimizes truss placement on table
- Production planning/scheduling and database reporting of set up and build times, quantity produced
- Real-time production tracking
- Auto-save of current projection data
- Completely sealed laser projector with advanced cooling system
- Simultaneous, customizable projected icon menus provide independent jig station control
- Advanced calibration algorithm compensates for temperature position variations
- Field-replaceable of the laser module.

Why risk error or spend a fortune on training. Trussline offers a nearly foolproof approach to truss layout, no matter the skill level of the line worker. For more info: [Link TK](#).



[Caption:] *With Trussline, a laser projection outlines the truss configuration and plate position, for highly precise truss construction.*