

VIRTEK - TRUSSLINE®

LASER TEMPLATE SETUP



Precision connector plate on joint location



Description:

Virtek's TrussLine® makes prefabricated wood and steel truss manufacturing so easy that even less experienced workers are instantly productive. The system projects a laser template of the truss to be built onto the work surface, highlighting the position and shape of all truss joints and connector plates, and eliminating the need for measuring, squaring and stringing. Even the most complex trusses can be set up in minutes.

Higher throughput:

TrussLine reduces set up and changeover time by up to 70%, and increases productivity by up to 25%—even with less skilled labour!

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

Better Quality:

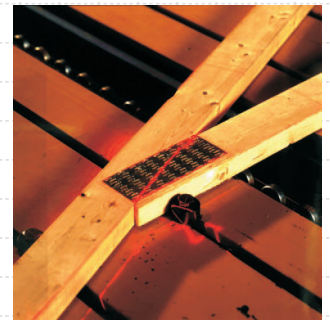
TrussLine is accurate to within 2mm, reducing errors and rework. Plus, miscut or improperly selected timber is instantly identified further reducing mistakes and waste.



For manual jiggling setup; pucks are located that the laser line passes through the crosshair on top of the puck



Laser projection showing the “all-up” view which projects on top of the timber indicating the top plate position.



Precision location of the connector plate on the joint.

MiTek®

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Instant productivity:

TrussLine can be installed in just a few days on existing tables. The system is so easy to learn and use that anyone can become proficient in a few hours. Increases in efficiency and productivity allow inexperienced workers to work with ease.

Flexible Software:

Windows®-based TrussLine interfaces with all leading truss design software programs.

Worldwide acceptance:

Thousands of TrussLine projectors have been installed in locations around the world. Users of this proven technology reports impressive increases in efficiency, productivity, and quality.

Advanced features and benefits:

- TrussLine jigging software with TekSet™ pucks
- Database tracking of set-up and build times, quantity produced, plus much more!
- Projected icon menus
- Auto-save of current projection data
- Automatically optimizes truss placement on table
- Intelligent projectors with increased refresh rate; projection is unaffected by other Windows operations
- Advanced calibration algorithm compensates for temperature and position variations
- Completely sealed projector with advanced cooling system
- Remote operation by PC

Specifications:

Position Accuracy
±2mm over a 6m x 6m area.

Laser Line Width 1mm at 4.2m.

Laser device & output Visible laser diode device with less than 5 mW maximum output.

Laser Class Class IIIA.

Projection System length is unlimited.

Computer System with Windows® 10 operating system.

Power Requirements 240 VAC, 50/60 Hz, 1 amp per projector.

Options:

- Computer Enclosure (NEMA Compliant).
- Uninterruptible Power Supply

Customer Support:

One-year, all-inclusive warranty on hardware and software. Extended support options

