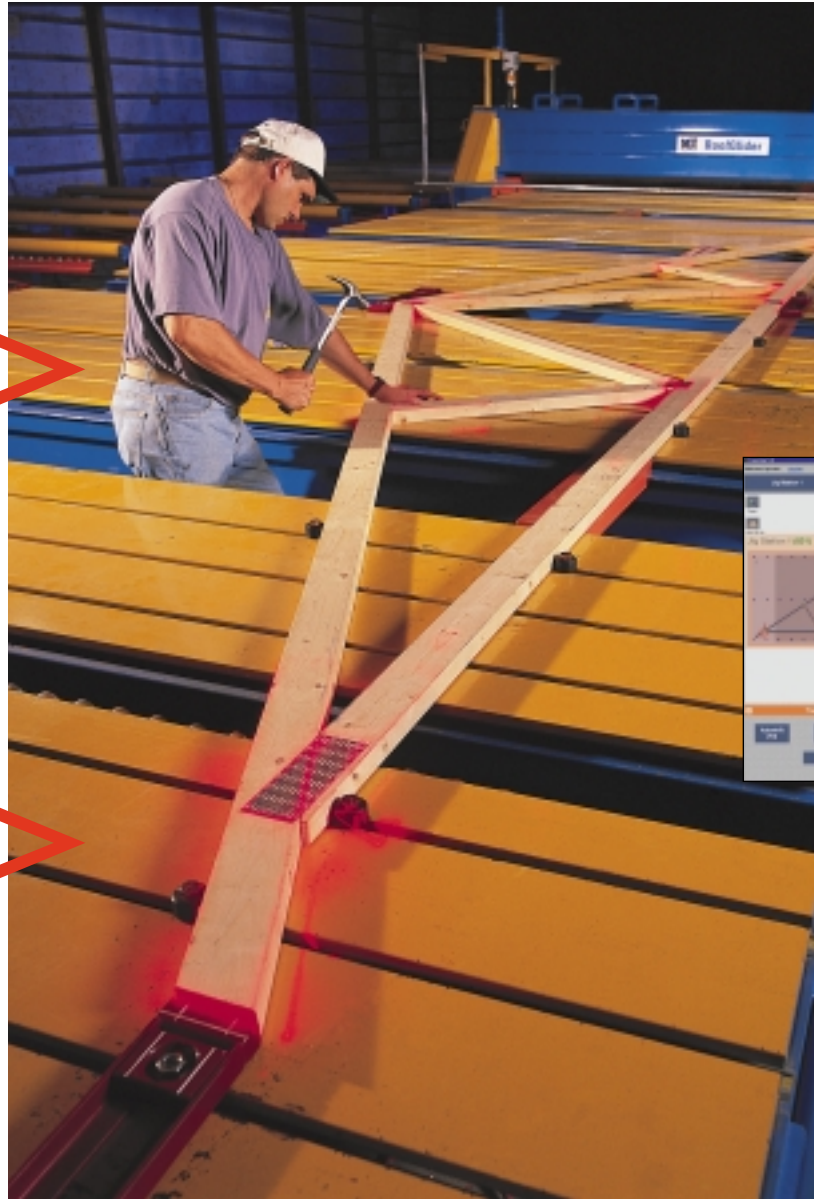


Virtek • TrussLine®

TRUSS MANUFACTURING THE EASY WAY

TrussLine projects truss components and identifies chords, webs and connector plates within $\pm 1/16$ " accuracy. Workers can see what the truss looks like, and how it fits on the table before they begin production.

Through patented projected icon menus, TrussLine can be operated directly from the production table, further increasing your productivity.



TrussLine projects an exact template for trusses of any configuration or complexity – even multiple trusses and multiple jigs. ✓

VIRTEK

EASY TO USE

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. *For light gauge steel applications, TrussLine also projects the number of fasteners required at each joint.*

HIGHER THROUGHPUT

TrussLine reduces set up and changeover time by up to 70%, and increases productivity by up to 25% - even with less skilled labor! Training costs are greatly reduced.

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 1/16", reducing errors and rework. Plus, miscut or improperly selected lumber is instantly identified further reducing mistakes and waste.

INSTANT PRODUCTIVITY

TrussLine can be installed over a weekend on the same tables you use now. 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 become immediate contributors to your bottom line.

FLEXIBLE SOFTWARE

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

WORLDWIDE ACCEPTANCE

Thousands of TrussLine projectors have been installed in over 500 locations around the world. Users of this proven technology report impressive increases in efficiency, productivity, and quality.

ADVANCED FEATURES AND BENEFITS

- Automated jiggging integration
- TrussLine jiggging software with TekSet™ pucks
- Automatically optimizes truss placement on table
- Production planning/scheduling and database reporting of set-up and build times, quantity produced, plus much more!
- Real-time production tracking
- Auto-save of current projection data
- Completely sealed projector with advanced cooling system
- Simultaneous, customizable projected icon menus provide independent jig station control
- Intelligent projector with increased refresh rate; projection is unaffected by other Windows operations
- Advanced calibration algorithm compensates for temperature and position variations
- Field-replaceable Green laser module

SYSTEM SPECIFICATIONS *

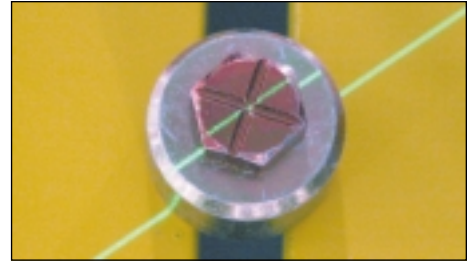
Position Accuracy	±1/16" (0.062") over 20' x 20' area
Laser Line Width	0.030" to 0.040" (1mm) at 20'
Laser Device & Output.	Visible laser diode device with less than 5 mW maximum output
Laser	Red: 625-640 nm laser diode; Green: 532 nm diode-pumped solid state laser
Laser Class	Class IIIa, meeting the 21CFR 1040 standard for CDRH certification in North America Class 2M, meeting the 60825-1:1993+A1:1997+A2:2001 for CE certification in Europe
Projection Systems	Unlimited fixed head units
Computer System:	PC, 17" SVGA monitor, parallel port, and 3 button mouse
Operating System	Windows®
Power Requirements	115-230 VAC 50/60 Hz
Agency Approvals	UL/CSA and CE
Options	Computer enclosure (NEMA compliant), Power Conditioning
Customer Support	One-year warranty on hardware and software Extended support options available

*Specifications subject to change due to continual improvements.

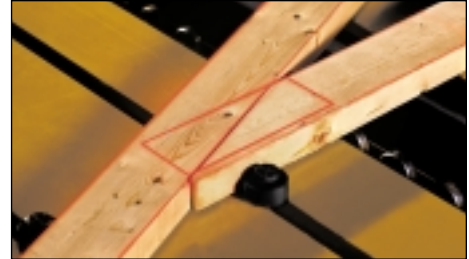
To learn more about how TrussLine can maximize efficiency, increase quality, and reduce the costs of manufacturing prefabricated wood and steel trusses, call 1-800-684-7835 or e-mail trussline@virtek.ca.

TrussLine is available worldwide through MiTek Industries Inc.

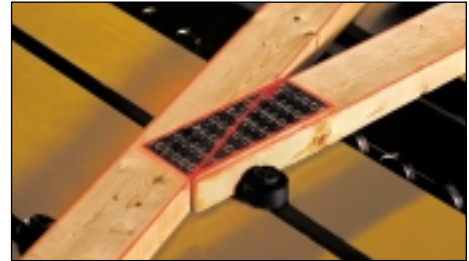
Virtek Laser Systems Inc. 785 Bridge Street, Waterloo, Canada N2V 2K1
Toll Free: 1-800-684-7835 Tel: 519-746-7190 Fax: 519-746-3383
www.virtek.ca



▲ Setting the puck so 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 lumber indicating the top plate position.



▲ Precision location of the connector plate on the joint.

