

Engineering
Simplicity.

ViRTEK IRIS^{TRUSS}



HIGH-VISIBILITY LASER PROJECTOR LPS-10.

Provides operators with a brighter, safe laser delivering 30% more visibility, even in the brightest work environments.

Laser Templating solutions for roof & floor truss, plus wall panel assembly.

The Virtek® IRIS™ Truss system projects a laser template of the truss onto any work surface, highlighting the position and shape of all truss joints, chords, webs, tags, strong-backs, plates, posi-struts, and much more.

This eliminates the need for measuring, squaring and stringing. Even the most complex trusses are assembled in minutes. It makes manufacturing so easy that even less experienced workers are instantly productive.

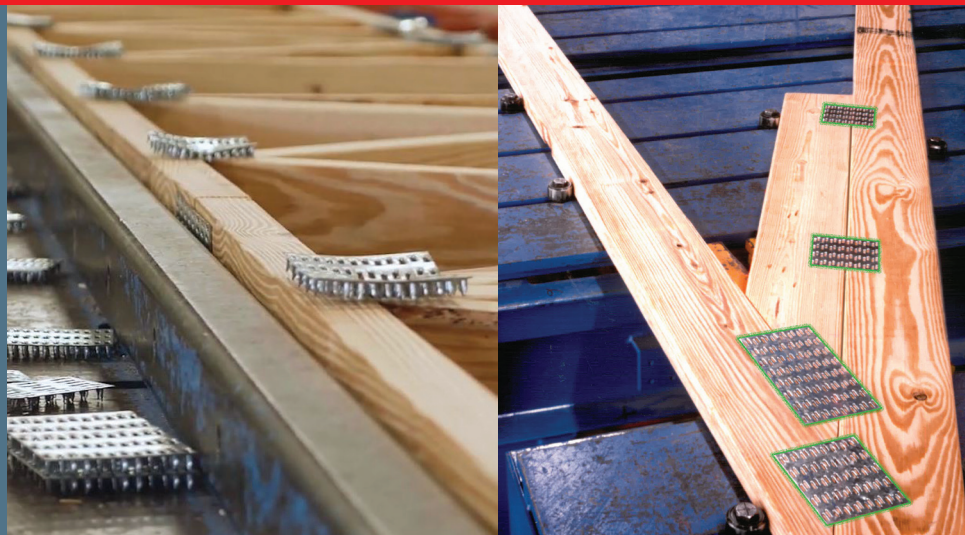
MODERN PLATFORM

SAME BEST-IN-CLASS AND RELIABLE SOLUTION FOR THE TRUSS INDUSTRY.

Reduce set up time by up to 70% and increase throughput by up to 30%

Operators can virtually layout a stack of trusses before it goes to the table, helping to control the build sequence and eliminate unproductive time, while reducing paperwork on the shop floor.

IRIS™ Truss is a **heads-down production tool**, projects an exact laser template for trusses of any configuration or complexity - even multiple trusses and multiple jigs.

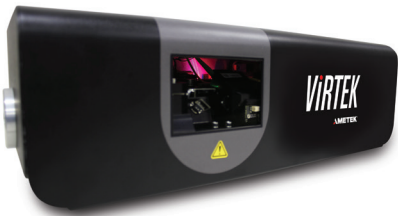


Did you know? You can use lasers for floor truss, floor cassettes and wall panel production.

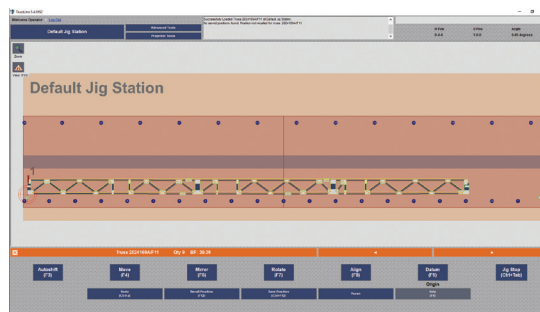
- A new software package designed specifically for floor truss production
- Support for 64-bit systems
- Reduce production time by up to 30%
- Enhanced and faster communication and automatic calibration
- Virtually eliminate operation errors that result in costly rework
- Real-time production monitoring

Benefits of Iris™ Truss

- Reduce jigging time by up to 70%, compared to manual measurement
- Laser-guided assembly eliminates the need for comprehensive training. New employees are instantly productive during the build process.
- 100% validation, to ensure as designed is as built
- Virtek has over 15,000 projectors in use today in over 600 manufacturing facilities
- Laser Projected Menus allow for greater build efficiencies as the software can be controlled by the builder at the table. 100% heads-down production!
- Ensure accuracy and quality with guided placement of chords and plates
- Seamless integration with automated jigging systems
- Recall previous designs to rebuild damaged trusses
- Creates efficiencies by controlling the truss view and the selection of trusses right from the work surface with projected icons for each jig station



In-field replaceable Laser Module



IRIS™ Truss Software showing floor truss



Laser Projected Menus

Technical System Specifications*

Position Accuracy 1/16" over a 20' X 20' area, covers tables of any length

Laser Class (North America) Class 3R per 21CFR 1040 (CDRH) Laser Notice 50 meeting the IEC/EN60825-1:2014 standard for CE certification.

Environment Operating Temperature: 0° to 45°C, 32° to 113°F
Non-Operating Temperature: -20° to 65°C, -4° to 149°F
Humidity: <80% non-condensing

Power Requirements 115-230VAC or 50/60 Hz

Physical Dimensions Length: 18" (460mm) Width: 8.5" (220mm)
Height: 6.25" (160mm) Weight: 20lbs (9kg)

Certifications UL, CSA & CE

Customer Support One-year standard warranty. Free technical phone and email support.
Plus, service on-demand options are available.

*Specifications are subject to change due to continual improvements

VIRTEK

AMETEK

virtekvision.com

Unsurpassed Customer Support



Virtek's highly-skilled and experienced service technicians install and calibrate each system and train users on-site. Customer support centers ensure you achieve maximum productivity of your Virtek laser and camera technology.



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