

# VIRTEK IRIS<sup>TRUSS</sup>

# FOR STEEL

Engineering  
Simplicity.



## NEW HIGH VISIBILITY LASER PROJECTOR LPS-10.

Operators will reap the benefits from a brighter, safe laser, that delivers increased visibility even in the brightest work environments.

### Laser Templating solutions for roof 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 position of chords, webs, tags, plates, 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.

## NEW PLATFORM

SAME BEST-IN-CLASS AND RELIABLE SOLUTION FOR THE STEEL 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**. Iris™ Truss 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 and roof truss assembly and production.**

- Support for 64-bit systems
- Reduce production time by up to 30%
- Enhanced and faster communication and automatic calibration
- Virtually eliminate operator errors that result in costly rework
- Real-time production monitoring

## Benefits of Iris™ Truss

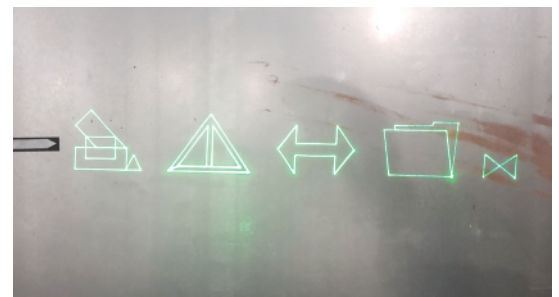
- Reduce jiggling time by up to 70%, compared to manual measurement.
- Laser-guided assembly eliminates the need for comprehensive training. New employees are instantly productive during the build process.
- 100% validation, to ensure as designed is as built.
- Virtek has over 15,000 projectors in use 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 jiggling 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.
- Connect projectors together to cover virtually any length of table.
- Setup multiple jig stations to work on several trusses with independent work flows at one time.



In-field replaceable Laser Module



Iris™ Truss Software showing roof 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

## Unsurpassed Customer Support



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



## Virtek Vision International

Local sales and service support available globally.

**CUTTECH (Authorised Distributor)**

+91-9922007505

info@cuttech.in

www.cuttech.in

Head Office:  
2/1, 3rd Floor, Subhash Nagar  
New Delhi-110027

Branch office:  
333, 3rd Floor, Grand Central Mall  
Near Ambethan Chowk, Pune-Nasik  
Highway, Chakan, Pune-410501