

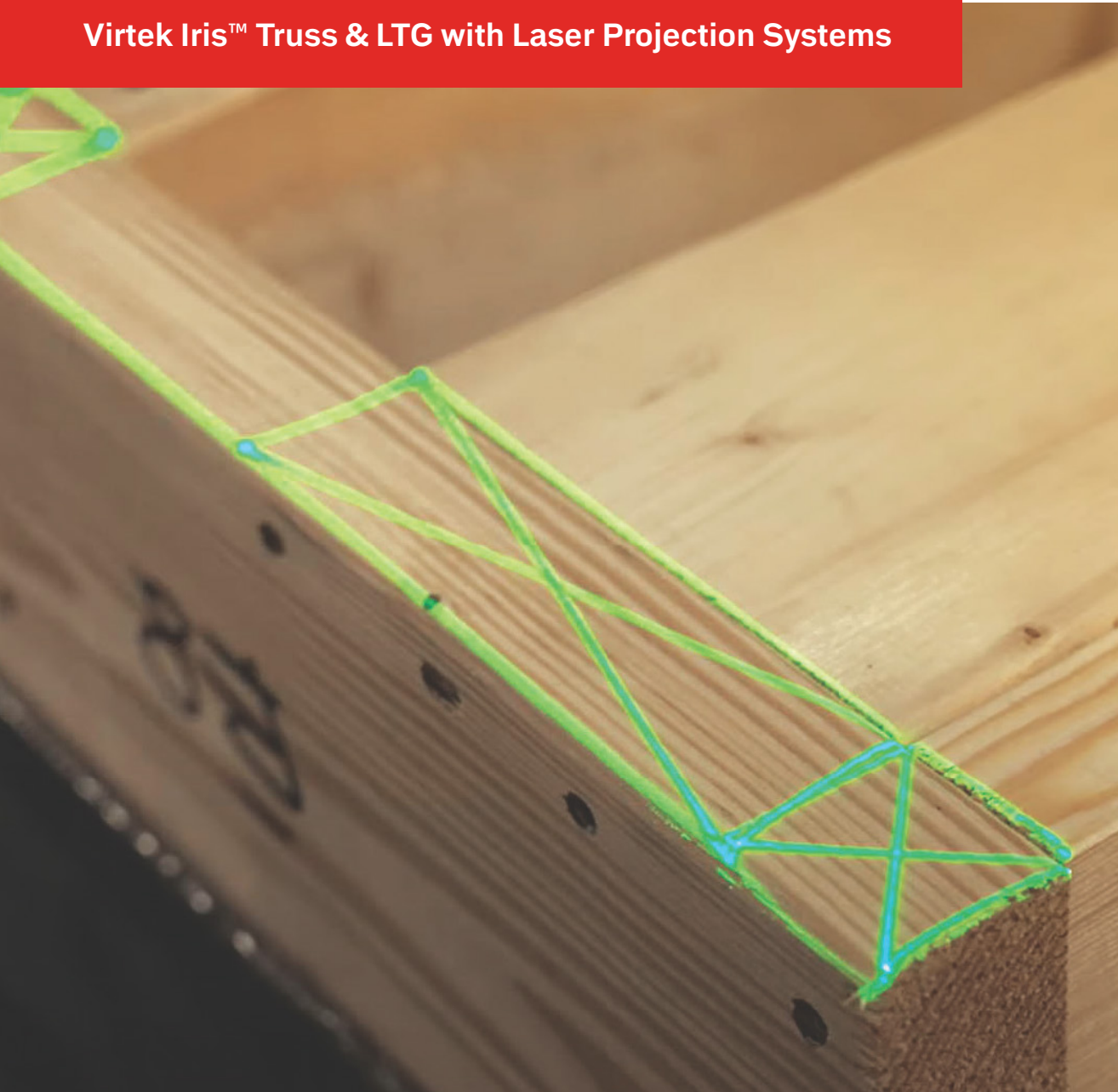


PARTNERSHIP WITH TRS COMPONENTS LTD



Building Component Manufacturing - Wall Panels / Roof & Floor Truss

Virtek Iris™ Truss & LTG with Laser Projection Systems



virtekvision.com

ABOUT TRS COMPONENTS

With 50 years in the construction (building components) industry, TRS is a proud manufacturer of high-quality roof trusses, wall panels, and floor panels. They also provide skilled framing labor for projects of all sizes, servicing some of the largest homebuilders in Canada and the United States. TRS has persevered through numerous instances of adversity to become an industry leader in building component production.

TRS Components adopted Virtek Technologies in the mid 1990s and have been a valued partner ever since.

CHALLENGES

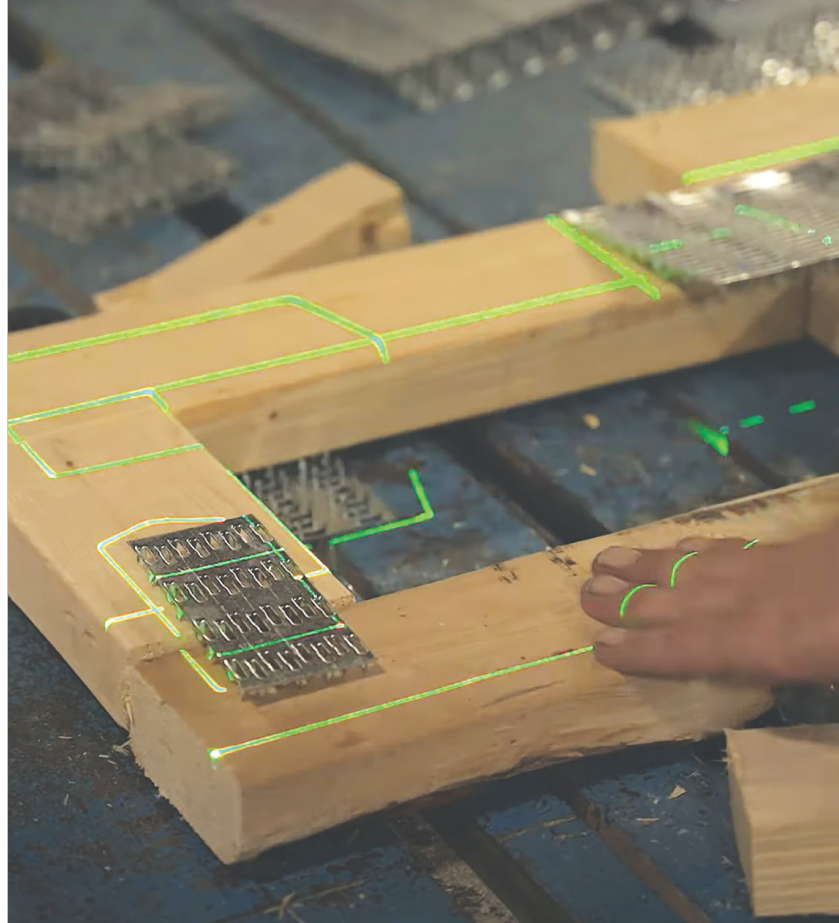
TRS is always looking for ways to enhance their processes and deliver even greater value to their customers. As part of this commitment, they sought to improve the efficiency and accuracy of producing complex roof & floor trusses and wall panels. These components require intricate designs and precise measurements, and TRS recognized the opportunities to optimize their production workflows by addressing manual efforts, accuracy and cycle times to help them meet the growing demand for high-quality building components.





The benefits of using lasers is definitely quality. You are more efficient, more exact on your measurements. The increase is roughly 65% over doing manual measuring and assembly.”

**Joyce Baker, General Manager
of Operations TRS
Components**



THE VIRTEK SOLUTION

Virtek's latest high-visibility and innovative Laser Projector System (LPS10) provided the ideal solution to TRS's challenges. Virtek Laser systems project detailed laser template of the truss, wall panel, or floor panel directly onto the work surface, providing the exact position and orientation of all joints, connector plates and nailing lines. This innovation eliminated the need for traditional manual measurements and physical templates, streamlining the entire production process.

The LPS10's advanced capabilities allow TRS to:

- **Improve precision:** By projecting precise layouts, the technology minimizes errors and ensures components are built to exact specifications.
- **Increase efficiency:** Automation significantly reduces the time needed for set-up and assembly, allowing for faster project turnarounds and reduced training times.
- **Enhance quality control:** The laser projections enable workers to achieve unparalleled accuracy, reducing the likelihood of rework and maintaining consistently high-quality standards.

KEY BENEFITS

Since integrating Virtek's laser systems, TRS has experienced a remarkable 65% increase in efficiency in their building components production. This cutting-edge laser technology enables precise measurements and accelerates assembly processes, ensuring that each component meets exacting specifications. The TRS team leverages the system to accurately position studs and blocking in wall panels, a critical step that not only speeds up production but also minimizes errors.

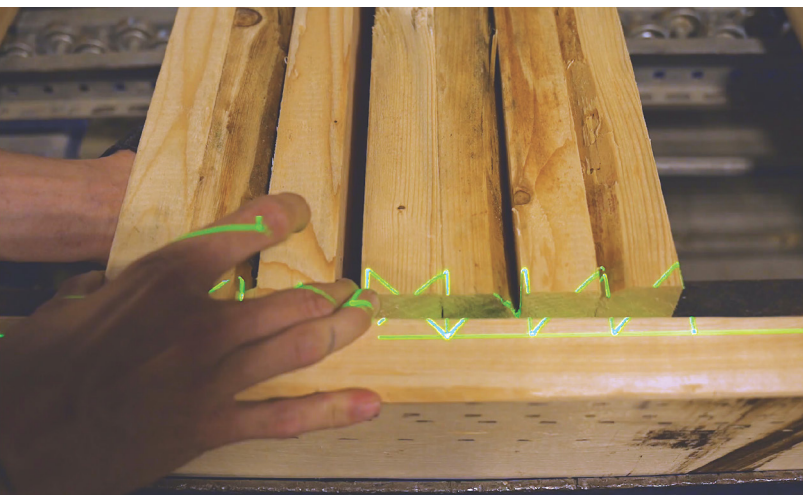
As TRS continues to adapt to evolving quality control regulations, Virtek's lasers remain integral to their commitment to excellence. This partnership empowers TRS to deliver superior products with timely and reliable execution, solidifying their reputation as a leader in the industry.

CONCLUSION

By leveraging solutions like the Virtek Laser Projection System (LPS10), TRS sets the standard for efficiency, precision, and quality in building component production. This technology enables them to deliver faster turnaround times, consistent accuracy, and high-quality components that continue to exceed customer expectations.

“Lasers make it a lot easier and dramatically faster I could not imagine not using Virtek laser to build our wall panels.”

Kyle Marshall, Operator TRS Components





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