

# Virtek • LTG

WINDOW & DOOR MANUFACTURING THE EASY WAY

The LTG projects an exact template for custom windows and doors, grill alignment or CNC router applications of any configuration or complexity.

Virtek LTG projects placement locations as well as contours with  $\pm 1/16$ " accuracy. Workers can see the outline of the finished component on the table before they begin production.



The LTG system includes Windows®-based software that is both intuitive and easy to use.



**VIRTEK**™

## EASY TO USE

Virtek LTG makes accurate positioning for grills, custom windows and doors or CNC applications so easy that hard templates are rendered obsolete. The system projects a laser template of the component to be built onto the work surface so that the correct alignment of the components becomes simple. And, the LTG system is easy to learn so operators are up and running in a matter of hours.

### The benefits to you

- eliminate non-productive time spent positioning components
- decrease the level of skilled labor required to get the job done
- save time and money on production, supervision and training
- import .dxf files directly from your CAD program

## HIGHER THROUGHPUT

The Virtek LTG dramatically reduces set-up and changeover time and significantly increases productivity—even with less skilled labor.

Flexible production control makes it easy to produce multiples or “one-of-a-kind” pieces quickly and easily. Projecting the contours at the correct height increases efficiency. The result is increased manufacturing capacity and lower per unit costs.

## BETTER QUALITY

The LTG system is accurate to within  $\pm 1/16"$ , reducing errors and rework. Improperly cut or selected material is immediately identified, further reducing mistakes and waste.

## FLEXIBLE SOFTWARE

Windows-based LTG interfaces with the leading design software packages, maximizing your existing design software investment.

## WORLDWIDE ACCEPTANCE

Virtek's laser templating products have been successfully installed in hundreds of locations around the world. Users of this proven technology report impressive increases in efficiency, productivity and quality.

## SYSTEM SPECIFICATIONS \*

Position accuracy	$\pm 1/16"$ over 14' x 20' area
Laser line width	0.030" at 15'
Laser device & output	Visible laser diode device with less than 5mW maximum output
Laser class	Class IIIa, meeting the 21 CFR 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	Multiple fixed head units available
Computer system	PC, 17" SVGA monitor, parallel port and mouse
Operating system	Windows®
Options	Computer enclosure (NEMA compliant), Uninterruptible Power Supply
Power requirements	115-230 VAC 60/50 Hz
Customer support	One-year, all-inclusive warranty on hardware and software. Extended support options available.



**To learn more about how Virtek LTG can maximize efficiency, improve quality and reduce the costs of manufacturing, call 1-800-684-7835 or email [virtekltg@virtek.ca](mailto:virtekltg@virtek.ca).**



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\*Specifications subject to change due to continual improvements.