



**VPSS**  
Virtual Prototype Simulation System

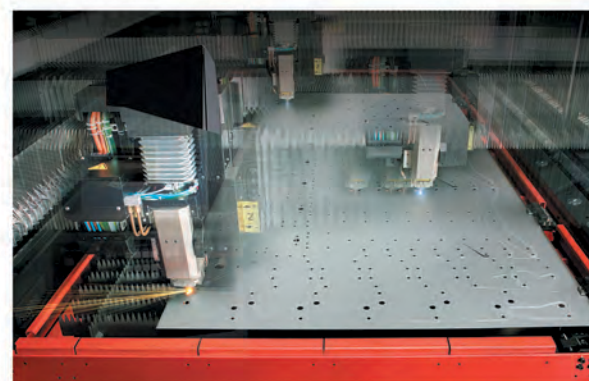
# Cut Thicker. Cut Quicker.



(Left to Right)  
Tom Busse  
Vice President  
and Jerry Busse  
President of  
Rockford  
Toolcraft, Inc.

**“Now we can cut 3 times faster and we’ve increased our cutting capability from 1/2" to 1 1/4" thickness.”**

— Tom Busse, Vice-President



## **LC-4020F1NT 6kW — A new global standard for laser cutting systems**

Since 1976, Rockford Toolcraft, Inc. (Rockford, IL), has grown from a two-man tool & die shop to a two-plant, modern, progressive die and heavy gauge stamping operation, staffed with over 240 employees. Constant re-investment in technology, equipment, and skilled people, has made Rockford Toolcraft an industry leader.

Recently, the company upgraded their capabilities for high-mix/low-volume production and prototype work, thanks to Amada’s new LC-4020F1NT laser cutting system. “We were looking for a laser that could handle heavy-gauge material up to 1 1/4" thick while giving us the speed, precision and versatility we need to stay competitive in today’s price-driven market,” says Rockford Vice President Tom Busse. Purchased in November, the F1 was quickly up and running, and producing high-quality parts 3 times faster than was possible on Rockford Toolcraft’s older lasers. Overall, the new 6kW LC-4020F1NT provides:

- High-Speed piercing and cutting by using linear drives in all three axes
- Superb cutting quality with sharp corners over the full thickness range
- Twin-Adaptive Optics to control the beam diameter for optimal cutting performance of thin-to-thick sheets—*eliminating the need for lens changes*
- Stable cutting and increased productivity using WACS™ (Water Assisted Cutting System)
- The option of adding an 8-station changer which automatically changes, cleans and calibrates the nozzle and head (based on cutting conditions)

The LC-4020F1NT is giving Rockford Toolcraft a faster and more precise cutting edge.

**Amada America, Inc.**

7025 Firestone Blvd. • Buena Park, CA 90621  
**877-262-3287**

[www.amada.com](http://www.amada.com)