

# SPEED WINS

## COMPANY OVERVIEW

Clinkenbeard is an Model 2 Machine (M2M) Group company and a worldwide leader in the rapid prototyping and production of complex cast and machined parts using a wide variety of metals and plastics. It serves companies large and small in a wide range of industries throughout the world. The company produces rapid delivery of machined castings and machined parts from solid stock, as well as engineering and trade show quality product mockups. Quantities range from prototype to low volume production. Clinkenbeard was established in 1966.

The company has a well-established CNC department and conventional pattern shop with a background in simple parts as well as highly-cored complex castings. Its in-house molding and core-making capability allow it to make fully-formed sand molds. Clinkenbeard customers enjoy the fastest turnaround times in the industry and the most accurate castings.

The M2M Group platform is a Generation Growth Capital-led consortium of companies that leverages the capabilities of Clinkenbeard, Mica Tool & Manufacturing, Tri-Aerospace, and M2M Machining to provide OEM customers with an array of services to support their product and parts research and development projects from product design to production.

## PATENTS

The Clinkenbeard® Toolingless Process is industry renown for producing metal castings efficiently, affordably and extremely fast. The process is based on machining sand cores and molds without the expense of tooling. All machining is done using CNC, which results in superior speed and accuracy.

## SPEED-TO-MARKET PHILOSOPHY

Clinkenbeard claims to have the shortest lead times on Earth for machined metal castings in the alloy of the customer's choice. The company's vision is to consistently meet and exceed the time-to-market requirements of its customers with the highest quality products designed and built to exact specifications. The company's slogan is "Speed Wins."

## ORGANIZATIONS

Rockford Area Aerospace Network (founding member)

Rockford Area Aerospace Cluster (founding member)

Rockford MELD (Mothers and Dads Establishing Life's Directions)

Member of several professional and trade organizations

## AVAILABLE FOR MEDIA TO ADDRESS:

Rapid Prototyping	Lean Management	Stereo Lithography
Rapid Manufacturing	Enterprise Resource Planning	Rapid Sand Castings
Speed-To-Market Issues	Reverse Engineering	CNC and CAD 3D software
Product Design & Manufacturing	Engineering Quality Mock-Ups & Cutaways	US Defense & Government

## AVAILABLE FOR ROCKFORD-AREA MEDIA TO ADDRESS:

Rapid prototyping and manufacturing, product design and development  
Rockford-area manufacturing news and trends  
Aerospace-related companies and growth in these companies in the Rockford area  
Member, (RAAN) Rockford-Area Aerospace Network  
Strong supporter and member, (RAEDC) Rockford-Area Economic Development Council  
Strong supporter and member, Rockford MELD

## KEY EQUIPMENT

- 17 CNC vertical milling centers, eight with 5-axis capability
- Three CNC turning centers
- 6-axis portable, on-site metrology arm
- Quality Department with CMM calibrated to AS9100 Quality System requirements
- Full-service pattern shop
- Molding shop including continuous airset sand mixers, airset core blowers, heat treat furnace

## KEY MARKETS

- Aerospace
- Auto Racing
- Heavy Truck
- US Government
- Power Generation
- Industrial
- Marine
- Agricultural

## MANAGEMENT TEAM

Steve Helfer – General Manager  
Ron Jr. (Reg) Gustafson – Vice President, Business Development  
Jim Clark – Senior Program Manager  
Matt Gustafson – Technical Program Manager  
Karen Spencer - Quality Manager  
Kevin Knight – Manufacturing Engineering Manager  
Trent Janssen - Tooling Design Manager

## CERTIFICATIONS

AS9100C Certified  
ITAR Registered

## MEDIA CONTACTS

Media inquiries can be directed to Ron Jr. (Reg) Gustafson, 815.226.0291, [reg@Clinkenbeard.com](mailto:reg@Clinkenbeard.com), or Laura Maher, 815.316.1040, [laura@ignition-studio.com](mailto:laura@ignition-studio.com).

## SOCIAL MEDIA

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