

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)

SAE - Society of Automotive Engineers

AFS - American Foundrymans Society

Member of several professional and trade organizations

AVAILABLE FOR MEDIA TO ADDRESS:

Rapid Prototyping	Lean Management	Additive Manufacturing
Rapid Manufacturing	Rapid Sand Castings	DMLS Direct Metal Laser Sintering
Speed-To-Market Issues	Mechanical Mock-Ups, Cutaways, Models	Product Design & Manufacturing
Reverse Engineering		

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

KEY EQUIPMENT

- CNC vertical milling centers with 5-axis capability
- CNC turning centers
- 6-axis portable, on-site metrology arm with laser scan and touch probe
- 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

MEDIA CONTACTS

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SOCIAL MEDIA

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KEY MARKETS

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

CERTIFICATIONS

AS9100C Certified
ITAR Registered