

RAMPF Showcases Premium Contract Manufacturing Services for Sealing, Casting, and Bonding

High-performance materials and automated processing technology at Advanced Manufacturing Expo, Grand Rapids, MI – Booth 816

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Wixom, MI, USA, July 24, 2024. RAMPF Group Inc. is presenting its top-tier contract manufacturing services for sealing, casting, and bonding in the automotive, electronics, energy technology, household appliance, lighting, and medical technology industries at Advanced Manufacturing Expo (AME), Grand Rapids, MI, on August 8 and 9 – Booth 816.

Key facts

1. RAMPF Group, Inc. offers contract manufacturing services for sealing, casting, and bonding reactive plastic systems.
2. The company develops and produces both the plastic systems and the respective automated mixing and dispensing technology; this guarantees a holistic service offering that is precisely tailored to the needs of the customer.
3. RAMPF is the preferred partner in a number of industries, including automotive, electronics, energy technology, household appliance, lighting, and medical technology.

RAMPF's contract manufacturing services stand out due to the company's dual expertise as a specialist in

- > Reactive resin systems – Polyurethane, epoxy, and silicone-based systems, including sealing systems, electro casting resins, and adhesives.
- > Automated production systems – Mixing and dispensing technology for sealing, casting, and bonding reactive resin systems.

Sealing



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RAMPF provides custom-formed-in-place gaskets (FIPG) and foam gaskets (FIPFG) using speed-robotic CNC dispensing. These gaskets expand and bond quickly on the component, ensuring reduced cycle times and efficient processing. The company also offers high-performance seals that exhibit exceptional chemical resistance and are designed to withstand high pressures and temperatures.

Casting



RAMPF processes reactive, thermally, and electrically conductive polymers with its premium mixing and dispensing systems, ensuring precise and fast handling of highly filled materials. The resulting parts are protected from contact, moisture, and damage, ensuring the longevity and high performance of electronic assemblies.

Bonding



RAMPF utilizes multi-component adhesives for the precision joining of components. Pre-treatment processes enhance adhesion, and high-precision joining can be conducted manually or fully automated. Integrated curing-on-demand systems accelerate curing, and vacuum joining ensures air-bubble-free applications for products like displays (optical bonding).

Visit RAMPF at AME 2024, Grand Rapids, MI, on August 8 and 9 – Booth 816!

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www.rampf-group.com/en-us/



RAMPF Group, Inc., based in Wixom, Michigan, USA, is a market-leading specialist for

- > Mixing & dispensing systems for the reliable processing of polymers
- > Two-component polymer systems based on polyurethane, epoxy, and silicone
- > Modeling and mold engineering materials, in particular for the automotive, marine, and aviation industries
- > Machine bases, machine frames, and other structural components made from mineral casting (polymer concrete)

RAMPF Group, Inc., is a company of the international RAMPF Group based in Grafenberg, Germany.

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