

# Material & Machine Made in Germany For Indian Plastics Market

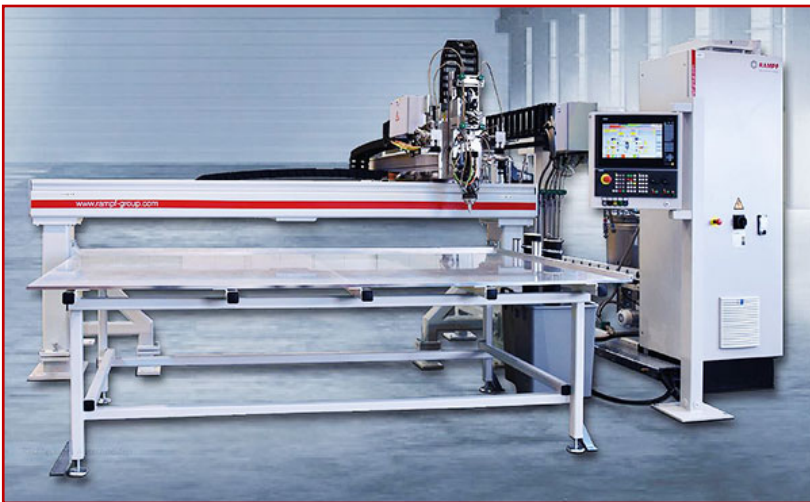
MatDispens 2021 – RAMPF presents reactive resin systems based on polyurethane, epoxy, and silicone together with dispensing systems and processing technology for sealing, casting, and bonding

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**Grafenberg, Germany, December 15, 2021.** The international RAMPF Group is presenting high-performance sealing foams, casting resins, and adhesive systems together with innovative dispensing and process technology for the automotive, electrical/electronic, energy, filter, medical, packaging, and white goods industries at the trade fair MatDispens in the Bangalore International Exhibition Center from December 16 to 18 – Hall 3, Booth PD69.

**RAMPF Production Systems – Innovative production systems with integrated dispensing technology**



RAMPF Production Systems based in Zimmern ob Rottweil, Germany, is an international supplier of mixing and dispensing systems for sealing, casting, and bonding a wide range of polymer systems. The company has already developed more than 3,300 system solutions worldwide – from simple manual systems right through to fully automated production plants.

The precise coordination of material transport and preparation, dispensing, mixing technology, and moving axes ensure optimum dispensing results. The dispensing systems are equipped with high-performance mixing technology that requires very little maintenance and processes a variety of materials such as polyurethane, epoxy, and silicone with extreme precision, regardless of fillers and viscosities.

As the market leader in the field of automation solutions, RAMPF Production Systems designs and manufactures customer-specific production systems based on standardized components. This ensures that only tried and tested process technology is used. Product-specific automation concepts include

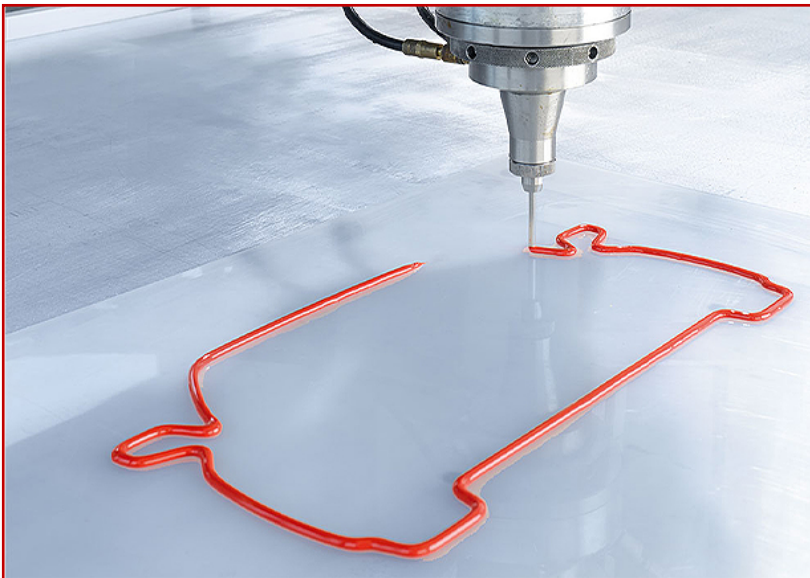
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- > Integrated parts transport and heat treatment
- > Assembly and joining technology
- > Logistic and quality assurance solutions

Every system can be equipped with RAMPF's own HMI (human machine interface). All process information is provided to higher-level systems, so that the entire system can be controlled with just one intuitive, user-friendly interface.

## RAMPF Polymer Solutions – high-performance sealing foams, casting materials, and adhesive systems



RAMPF Polymer Solutions based in Grafenberg, Germany, is a leading developer and manufacturer of reactive resin systems based on polyurethane, epoxy, and silicone. The product portfolio includes liquid and thixotropic sealing systems, electro and engineering casting resins, edge and filter casting resins, adhesive systems, and hotmelt adhesives.

- > Sealing systems based on polyurethane (RAKU<sup>®</sup> PUR) and silicone (RAKU<sup>®</sup> SIL) efficiently protect components against moisture, chemicals, and various environmental influences. The FIPFG (formed in place foam gasket) and FIPG (formed in place gasket) systems exhibit a wide operating temperature range, high resistance to chemicals, exceptional mechanical properties, excellent adhesion, and very low water absorption.
- > Electro casting resins made of polyurethane, epoxy (RAKU<sup>®</sup> POX), and silicone with very high thermal conductivity for electrical and electronic components in the automotive, electrical/electronic, energy, automation, and white goods industries.

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- > Heavy-duty elastomers, tailor-made casting resins, and innovative reactive resin materials for the filter industry (air, oil, hydraulic, and industrial filters).
- > Polyurethane, epoxy, and silicone adhesives, as well as thermoplastic and reactive hotmelts (RAKU<sup>®</sup> Melt), stand for excellent adhesion properties for a permanently secure bond on wood, plastic, metals, and many more. Typical applications include automotive interiors, household appliances, optical bonding, the wood/furniture sector, façades, balustrades, and sandwich bonding for bus roofs, caravans, and refrigerated vehicles.

At MatDispens 2021, RAMPF Production Systems and RAMPF Polymer Solutions will be present together with their Indian partners Sanika Engineering & Consultancy (dispensing systems) and Prathamesh Technology & Industries (reactive cast resin systems).

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[www.rampf-group.com](http://www.rampf-group.com)



The RAMPF Group stands for **engineering and chemical solutions** and caters to the economic and ecological needs of industry.

The range of competencies includes:

- > production and recycling of **materials** for modeling, lightweight construction, bonding, and protection;
- > technical **production systems** for precise, dynamic positioning and automation, as well as technologies for complex composite parts production;
- > comprehensive range of **solutions and services**, particularly for innovative customer-specific requirements.

With this know-how, RAMPF helps its customers to achieve profitable and sustainable growth.

The Group secures its presence on the international markets with more than 900 employees and six core competencies:

- > **RAMPF Machine Systems** based in Wangen (Göppingen), Germany, develops and produces multi-axis positioning and moving systems, trunk machines, and basic machines based on high-precision machine beds and machine bed components made from alternative materials.
- > **RAMPF Production Systems** based in Zimmern o. R., Germany, develops and produces mixing and dispensing systems for bonding, sealing, foaming, and casting a wide variety of materials. The company also offers a wide range of automation skills relating to all aspects of process engineering.
- > **RAMPF Composite Solutions** based in Burlington, Ontario, Canada, is a holistic composites supplier to companies in the aerospace and medical industries. The company offers a complete suite of services including composite part design and engineering, metal-to-composite conversion engineering, and composite manufacturing to very tight tolerances.
- > **RAMPF Eco Solutions** based in Pirmasens, Germany, develops chemical solutions for the manufacture of high-quality alternative polyols from PU and PET waste materials. This expertise is also put to use in the planning and construction of customer-specific facilities for manufacturing polyols.
- > **RAMPF Polymer Solutions** based in Grafenberg, Germany, develops and produces reactive resin systems based on polyurethane, epoxy, and silicone. Its product portfolio includes liquid and thixotropic sealing systems, electro and engineering casting resins, edge and filter casting resins, and adhesives.
- > **RAMPF Tooling Solutions** based in Grafenberg, Germany, develops and produces board and liquid materials for cutting-edge modeling and mold engineering. The range of skills includes made-to-measure services and products such as pastes, large-volume and full-size castings for Close Contour models, and prototyping systems.

RAMPF has subsidiaries in Germany, the U.S., Canada, Japan, China, and Korea.

All RAMPF companies are united under a holding company – RAMPF Holding GmbH & Co. KG – based in Grafenberg, Germany.

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