

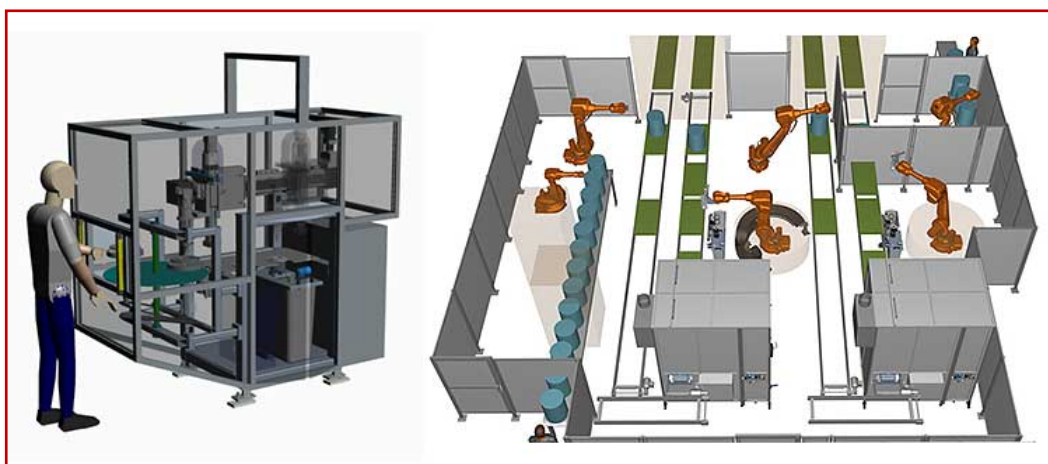
RAMPF – High-Performance Mixing & Dispensing Systems for Filter Production

Customized processing technology for sealing, casting, and bonding at FiltXPO 2022 in Miami Beach, FL

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Wixom, MI, USA, March 16, 2022. RAMPF Group, Inc. is presenting its encompassing range of mixing and dispensing systems for sealing, casting, and bonding filters and filter elements at FiltXPO 2022 from March 29 to 31 in Miami Beach, FL – Booth 1106.



RAMPF is a leading supplier of innovative systems for processing single-, dual-, and multi-component reactive resin systems. The company has developed more than 3,300 system solutions worldwide – from simple manual systems through to fully automated production plants.

There are a number of materials used in filter manufacturing – from two-component polyurethane gaskets for frame gaskets, one- and two-component epoxies, and solid or foamed polyurethanes for potting panels and end caps. Each material requires a dispensing system that best fits its chemical and mechanical properties.

Thanks to RAMPF's extensive experience in supplying equipment and materials, its experts find the best solution for the applications of its customers.

RAMPF offers both a wide range of metering pumps and dispensing heads as well as automated work cells that may include robotic dispensing and part-handling, conveyors systems, curing equipment, hot-melt stiffening, laser marking, and testing.

Mike Erby, Sales Manager at RAMPF Group, Inc. – “As a dispensing equipment supplier with an understanding of production and automation, we set up new production lines or optimize existing lines for improved cycle times and higher part quality. That may consist of replacing an older dispensing system on an existing line by constructing a customized six-axis or three-axis dispensing robot that fits into the available space.”

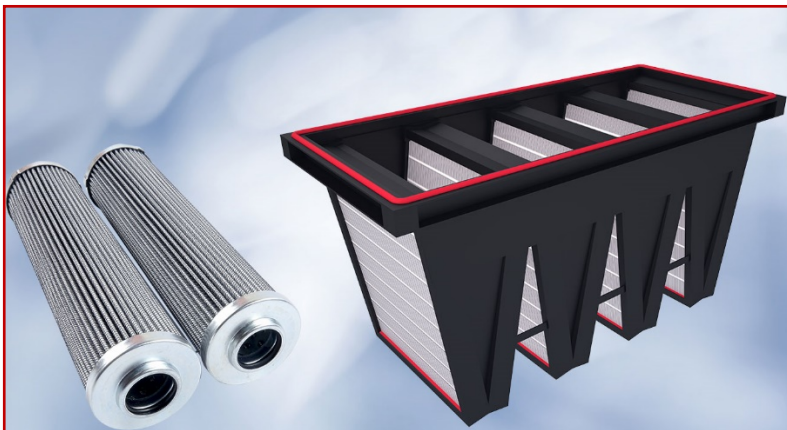
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RAMPF has already built several stand-alone dispensing machines with integrated, dual conveyors for the high-speed potting of end caps. The machines were connected to existing upstream and downstream conveyor systems already in place at the customer. Productivity shot up by modernizing the bottleneck – the old dispensing machine. Unplanned downtime dropped dramatically as maintenance issues common in older machines were eliminated.

RAMPF provides customers with service and spare parts from its head office in Wixom, MI. The company also offers the filter industry contract manufacturing where customers have immediate requirements, prototype needs, or smaller part volume. Part builds are supported from either Wixom or Suwanee, GA.

Reactive resin systems for sealing, casting, and bonding



RAMPF Group, Inc. develops and produces reactive resin systems based on polyurethane, epoxy, and silicone for sealing, casting, and bonding filters and filter elements.

- Air and HEPA filters:
- > Liquid and thixotropic sealing foams with fast curing and short processing times as well a good compression set; systems for use in antibacterial environments are available.
 - > Casting resins and rigid foams for fixing filter elements in the frame with excellent flowability and good adhesion to plastic, especially ABS and PS.
- Oil and hydraulic filters:
- > Adhesive systems and casting compounds with good adhesion to plastic and metal, optimized hardening properties, and fast process times for increased productivity and efficiency.

Visit RAMPF Group, Inc. at FiltXPO 2022 in Miami Beach, FL – Booth 1106!

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



RAMPF Group, Inc., based in Wixom, Michigan, is the North American subsidiary of the international RAMPF Group. The product portfolio encompasses:

- > 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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