

CANPR104EN**PRESS RELEASE**

Cannon Afros launches new updated LN /3 series of mixing heads specifically designed for automotive interior and exterior PU RIM coating

Caronno Pertusella (Varese), Italy, April 23, 2024

Cannon Afros, part of the Cannon Group and the world's leading supplier of dosing systems, mixing equipment, processing technologies, and expertise for polyurethane (PU) and other reactive resin-based formulations, will launch a new and updated range of LN /3 mixing heads specifically for PU RIM (Reaction Injection Molding) coating of automotive components at UTECH Europe 2024.

PU RIM coating, an established process for the interior trimming of luxury cars, has been used for decades but is seeing a revival in both interior and exterior automotive applications due to improved performance, its ideal matching with thermoplastic parts and the ability to set new standards in the design of electric vehicles.

“Cannon’s experience in PU RIM coating dates back to 2010 and has closely followed the evolution of the process and chemical systems,” said Stefano Andreolli, Sales & Marketing Manager at Cannon Afros. *“In designing the new LN /3 series mixing heads, we took into account contributions from various stakeholders in the industry, including our customers, raw material suppliers, mold-makers and injection molding machinery manufacturers. This allowed us to anticipate market trends, to provide purpose-developed and highly-customized products. We collaborate with several injection molding machine manufacturers, easily adapting our equipment for every possible production line configuration”.*

The new LN 5/3 and LN 10/3 mixing heads benefit from Cannon's vast expertise in designing and manufacturing components dedicated to specific applications and processes, meeting the latest requirements of the automotive industry. The new mixing heads have explicitly been redesigned to address the needs of injection molding machines and operators. Improvements include a new small and compact design, ideal when combining PU RIM with thermoplastic injection molding, faster fixing of the mixing head to the mold and offering straightforward manual or automatic mixing pressure adjustment, without removing the mixing head from the mold. In addition, the rational distribution of hoses around the mixing head ensures operators’ easy access to the injectors for a quick and effective color change, without any obstruction.

The new LN 5/3 mixing head is commercialized from May 2024, with a prototype on display at the Cannon booth at UTECH Europe 2024, while the LN 10/3 mixing head will be available from January 2025.

[Cannon Group is exhibiting at UTECH Europe 2024](#) in Maastricht, The Netherlands, (April 23-25), Booth F14.

About Cannon Afros

Cannon Afros, a company of the Cannon Group founded in the early 1960s, is the world's leading supplier of dosing systems, mixing equipment and processing technologies for polyurethanes and multi-component resins. Today Cannon Afros offers an extensive range of processing technologies for molding, pouring, injection, spraying, and manufacturing abilities dedicated to a comprehensive range of resins such as polyurethanes, silicones, elastomers, epoxy resins, phenolic foams, and bi-component adhesives. Cannon Afros design, manufactures and sells a vast range of equipment from single mixing heads and stand-alone units to complex turnkey and customizable production plants to serve the following main industrial applications: automotive interiors and exteriors, appliances and refrigerator insulation, rigid insulation for the cold chain industry and refrigerated transportation, building and construction insulation, sanitary ware, piping insulation for oil heating and district heating, technical components and medical equipment, flexible padding and seats for furniture and automotive industries, sealing and gluing for lighting and electrical enclosures, and encapsulation and potting for electrical and electronic components.

About Cannon Group

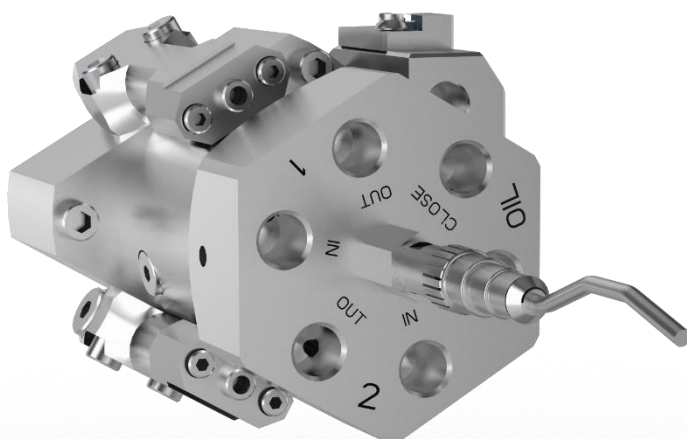
Founded in 1965, Cannon Group comprises 30 companies, with a global presence in more than 40 countries, and is recognized as the market leader in technologies for the processing of polyurethanes and urethane elastomers, and multi-component and reactive resin systems for the plastics and composites industries. The Group, operating worldwide, is composed of several companies focused on specific application segments, that work in synergy and combine their experience and know-how to manufacture bespoke solutions based on customer needs for the following main industrial applications: automotive, aerospace, refrigerator insulation, building and construction insulation, technical components and medical equipment, wind power, sanitary, furniture and consumer and industrial goods. Cannon Afros is the world's leading supplier of dosing systems, mixing equipment, and processing technologies, including an extensive array of solutions for molding, pouring, injection, spraying, and manufacturing abilities dedicated to a comprehensive range of resins such as polyurethanes, silicones, elastomers, epoxy resins, phenolic foams, and bi-component adhesives. Cannon Ergos is dedicated to manufacturing turnkey plants and machinery for polyurethane, composites, and thermoplastic materials, as well as die-cast aluminum processing). Cannon Tipos specializes in developing specific tools for a wide range of technologies for plastics and composite materials, supplying dedicated, tailor-made solutions. Cannon Legos is a top-level integrator of machines, equipment, and complete production lines matching the manufacturing requirements of each application and specific geographic limitations.

A comprehensive R&D department support customers worldwide in developing innovative tailor-made technologies and production processes by designing, manufacturing, and installing customized facilities or developing their production projects through the realization of prototype molds, the production of trial parts to tune the process, and part validation. Cannon Group is committed to reducing the ecological footprint of all the Group's technologies and industrial processes offered to the market through energy efficiency, resource consumption reduction, and emissions reduction. Cannon Group delivered net sales of €280 million in 2023. To learn more, visit www.cannon.com

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Caption:
Cannon Afros will launch a new and updated range of LN /3 mixing heads specifically for PU RIM (Reaction Injection Molding) coating of automotive components at UTECH Europe 2024.
(Photo: Cannon Group)