

Micronora 2026: Diehl Metal Applications Showcases Innovative Plating and Precision Technologies

Röthenbach a. d. Pegnitz / Besançon, September 2026 – At Micronora 2026 in Besançon, France, Diehl Metal Applications will showcase its comprehensive technology portfolio for functional surfaces, precision stamped components and demanding electrical applications. From September 29 to October 2, visitors can explore innovative solutions for the electronics, automotive and other high-tech industries at Hall B1, Booth 411/510.

Advanced Plating Solutions for Demanding Applications

A key focus of Diehl Metal Applications' presence at the trade fair will be its advanced electroplating technologies. The company offers a broad range of solutions for the functional enhancement of metallic surfaces, helping customers optimize the electrical, mechanical and corrosion-resistant properties of their components.

The portfolio includes both selective and full-surface plating processes, such as Spot Plating 2.0 for the precise plating of defined areas and Aluminium Strip Plating (ASP), enabling the functional plating of aluminium strip material. In addition, Diehl Metal Applications provides solutions for the plating of wide and thick metal strips. In addition, the company offers solutions for coating wide and thick metal strips. A new reel-to-reel plating line is now fully operational and enables the efficient processing of strip materials with thicknesses from 1.5 to 6.0 mm and widths of up to 400 mm. In addition to full and selective dip plating with nickel and tin, silver plating will also be available in the future. Continuous quality monitoring ensures consistent coating quality and high process reliability.

From Precision Stamped Parts to Integrated Assemblies

In addition to its plating expertise, Diehl Metal Applications will present its extensive capabilities in precision stamping. With more than 50 modern stamping lines, the company develops and manufactures high-precision components ranging from prototypes to high-volume production. Its portfolio includes contacts, connector components, leadframes and components featuring integrated press-fit zones. Extremely clean and bondable surfaces are crucial for reliable further processing, particularly for lead frames. Customized Tape & Reel packaging solutions also enable seamless integration into automated assembly lines and support an efficient material flow. Advanced manufacturing processes and continuous quality monitoring ensure maximum process reliability and precision, even for complex geometries and large production volumes.

By combining plating, stamping and complementary technologies, Diehl Metal Applications offers customers an integrated approach across the entire value chain. These capabilities include press-fit technologies for reliable solder-free electrical connections, overmolding solutions for the integration and protection of electronic components, as well as a wide range of secondary processing and assembly services. This combination enables the development of customized components and assemblies that integrate electrical, mechanical and functional requirements into a single solution.

Connecting Technologies. Driving Innovation.

As one of France's leading trade fairs for precision technologies, Micronora provides an important platform for exchanging ideas on the latest developments in microtechnology, electronics and advanced manufacturing. Diehl Metal Applications will use the event to engage with customers and partners, discuss future market requirements and technological trends, and present innovative solutions for increasingly demanding applications.

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About Diehl Metall:

Diehl Metall is a Corporate Division of the Diehl Group founded in 1902 (sales: 5.4 billion euros, employees: 19,449 in 2025) and has its headquarters in Röthenbach a.d. Pegnitz near Nuremberg. The company offers a broad spectrum of innovative products and technologies in the area of metal processing. In a global production network with locations in Europe, Asia, South America and the US, Diehl Metall develops application-oriented solutions for international customers.

The company assumes responsibility in the area of climate and resource protection, and places great value on recyclable alloys and composite materials. To fulfil this responsibility, Diehl Metall relies on technically optimized production processes and directs its innovation activities toward future trends.