

INOMETA

45 YEARS OF INNOVATIONS

INOMETA offers innovative solutions for high-performance aluminum and CFRP rollers. The range includes heating, printing, and web-guiding rollers, technical coatings, and INOid for digital roller identification. The focus is on maximum efficiency and precision in battery, printing, film, and paper applications.



Christof Schotten
Managing Director

At INOMETA, we have always striven to be a technology leader. We view the challenges of the market, such as the need for maximum precision in new industries like battery manufacturing or the demand for high performance in flexographic printing, as a driver for continuous innovation. Thanks to our expertise in lightweight construction and roller coating, we set standards that make processes more efficient and industries more sustainable.

INDUSTRIES

- ➔ Flexo & Gravure printing
- ➔ Rollers & Sleeves
- ➔ Software

PRODUCTS

- ➔ Web guide rollers - made of aluminium or CFRP
- ➔ INOid® - digital data transmission
- ➔ INOheat® - electrical heating roller

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INOMETA: Innovation Partner for High-End Components

INOMETA is redefining precision and efficiency in film handling. As a specialist in lightweight, rotationally symmetrical components, the company addresses the requirements of highly sensitive substrates, such as electrode foils.

Low-inertia rollers for critical applications

The use of aluminum and CFRP minimizes mass inertia, enabling extreme acceleration and the lowest possible breakaway torques. This prevents web tension peaks, reduces bearing loads, and increases production efficiency through higher speeds.

Smart Factory & Series Production

INOMETA manufactures in a state-of-the-art Smart Factory using fully automated robotics and precise CNC technology. Customers benefit from maximum flexibility in roller dimensions, superior quality through real-time monitoring, and short lead times.

Digital Networking with INOid®

With the INOid® solution, the roller becomes an intelligent asset. Product-specific data can be accessed instantly via QR or RFID, enabling modern asset management and predictive maintenance.

Functional Surfaces & Energy Efficiency

- ➔ PROTEK®: Tailor-made coatings optimize sliding properties, traction, and wear resistance or prevent electrostatic charging.
- ➔ INOheat®: The electric heating roller generates heat locally and highly efficiently. It saves space, reduces operating costs and CO₂ emissions, and eliminates leakages.

INOflex® for Flexographic Printing

The INOflex® portfolio offers coordinated lightweight components such as anilox rollers, CFRP adapters, and CFRP bridge mandrels for maximum performance in the printing unit.

Sustainability as a principle

Lightweight construction saves material and actively reduces the energy requirements of machines due to reduced inertia. From prototype to series production: INOMETA is the holistic partner for sustainable performance and future viability.

