



Inside Rosti

Medical Solutions



Introducing Rosti

Rosti is a global **plastic injection moulding** company and **contract manufacturer**, dating back to 1944. And our operational approach in medical manufacturing stands out, with dedicated teams **tailored to each customer**.



With unmatched experience and expertise in precision injection moulding, Rosti offer manufacturing support and total solutions throughout the supply chain.

From product development and design, to supply chain management and distribution, we

have the knowledge and capabilities to provide innovative solutions to the highest levels of accuracy and reliability.

Rosti Medical solutions seamlessly incorporate cutting-edge technologies into medical and consumer health devices

to empower our customers in navigating the ever-evolving healthcare landscape successfully.

Our contract manufacturing for a complete end-to-end service, with the global resources to handle large-scale projects, combined with flexibility and attention to detail.

With **ISO 13485** accredited facilities, we are **FDA 21CFR820** and **MDR** compliant and can offer:

- **ISO 14644** accredited Cleanroom Production
- **Accelerated time to market** mobilising our digital technovation centers with Carbon® M3 printers utilizing Digital Light Synthesis printing technology
- **Post processing of complex products** and components ensuring regulatory compliance
- **Access to leverage** the entire Rosti manufacturing footprint throughout North America, Europe, and Asia

A Global Vision for -

Medical Moulding

With **Karl Stillman**

VP Strategic Sales Rosti Group



High-precision injection moulding is essential to the manufacture of many medical devices, but technology alone cannot meet the stringent quality levels demanded by today's life sciences sector. Karl Stillman, vice-president, strategic sales, Rosti Group, explains how technological capability and manufacturing know how must go hand in hand with management capability and years of experience to fully satisfy the industry's requirements.

Why is it important to have an experienced contract manufacturer handling the injection moulding process?

With over 80 years of experience in delivering complex plastic injection moulding contracts, Rosti have a wealth of knowledge and expertise to support the medical sector navigating the complex regulatory landscape, as well as delivering consistent high-quality production processes, in which it is crucial to adhere to strict standards.

We make sure that costly delays, legal issues and all other associated risks are mitigated. As an experienced global manufacturer, Rosti is able to scale up production to meet demand while maintaining consistent quality.

We view innovation as highly important, and our three strategically located innovation centres make us a strong partner in the innovation and design phase, which drastically reduces time to market.

How important is it for a contract manufacturer to have a global footprint?

With the same quality and standards across all our sites, we can speak to customers in one voice and give them one contact for our entire organisation. Moreover, a global footprint and a 'One Rosti' organisation enables us to help customers access and enter new markets, find optimal and diversified supply chain solutions and minimise the risk of supply chain disruptions.

Calling on local presence and expertise in all the main medical markets in the world, we provide a deeper understanding of the regional regulations, standards and market preferences.

How does Rosti's global technology roadmap help to bring new technologies to a technically ready stage more quickly?

We have continuously invested time, money, and engineering expertise to develop and enhance our roadmap. We use an established technology readiness levels (TRLs) development process, originally developed by Nasa, to show how mature a technology is and when it can be used in production. It rigorously scrutinises each developmental stage to ensure only the best-fit and commercially viable are put into production.

Rosti works across many industries, but what makes it a good partner for life sciences companies?

Our in-house knowledge of the regulatory environment in key markets helps our customers to navigate a highly complex regulatory landscape. As a leading medical CDMO, our aim is to support our customers from concept to reality, be a trusted partner in navigating the medical landscape and bring market leading innovation to our customers.

[Read more](#)

Rosti Group to Showcase **Advanced Medical Solutions Manufacturing Capabilities** at

MedtecLIVE 2024

Rosti's **MedtecLIVE 2024** exhibit will showcase next-generation medical manufacturing featuring advanced prototyping, custom manufacturing solutions, industry-leading design collaborations, cutting-edge carbon technology, and more.

The event will take place from
Tuesday, June 18, to **Thursday, June 20**, in **Stuttgart, Germany**,
a region renowned for its medical technology expertise.

Rosti Medical Solutions will be located at **Exhibit Stand 1-238**, where the team will demonstrate advanced capabilities in high-precision injection moulding and contract manufacturing. Maintaining technological leadership and compliance with the highest regulatory standards across three cleanrooms globally, including **ISO 14644**, **FDA 21 CFR 820**, and **MDR**, Rosti will feature a variety of high-precision medical devices and home health devices.

Stuttgart, Germany 2024

Medtec**LIVE**

Visit us at **MedtecLIVE**

18-20 June | Stand 1-238



Exhibit highlights:

- **Advanced Medical Devices:** Exploration of Rosti's latest innovations such as state-of-the-art surgical, medical, and home health devices and comprehensive feeding systems, including surgical staplers, nutrition feeding systems, dental products, consumables, IVD, and more.
- **Full-Spectrum Design, Development, and Process Optimisation Capabilities:** Detailed presentations on Rosti's end-to-end service offerings, from product development, design, and process optimisation to cleanroom production and final assembly. Highlighted capabilities will include RHCM - Roctool, liquid silicone rubber moulding, over and insert moulding, Multi-K injection moulding, injection blow moulding, and Rosti's fully-automated operations.
- **Collaborative Expert Sessions:** Insights and one-on-one consultation and demonstrations from Rosti's technical teams and strategic partners.

Partners representatives include:

- **Carbon**, a leader in digital manufacturing technology and partner that has empowered Rosti with the ability to leverage Digital Light Synthesis™ technology, which significantly accelerates time to market. Using Carbon® M3 printers, Rosti has enhanced production capabilities to include rapid prototyping and the production of custom parts with elastomeric and rigid materials.
- **Team Consulting**, a 100% medical technology consultancy that specialises in creating award-winning products and delivering innovative solutions across drug delivery, MedTech, diagnostics, digital, surgical and more. Jean-Marc deVerteuil, Team Consulting's Business Development Manager, will be attending on Thursday, June 20th.

Please use the code for a free visitor pass and come along and see us at MedtecLIVE

Free Visitor
528218MTL24
Invitations



Realise the benefits of -

Carbon Digital Light Synthesis technology for Medical Contract Manufacturing

In the dynamic landscape of medical and pharmaceutical contract manufacturing, continuous investment in innovation is essential for delivering cutting-edge solutions that enhance patient care. Integrating Carbon digital manufacturing technology into our plastic injection moulding capabilities offers an array of benefits that redefine product

development efficiency and design flexibility.

Unlocking Design Potential with Carbon Digital Light Synthesis.

Carbon's Digital Light Synthesis technology enables us to produce polymer parts with unprecedented complexity and precision. This process complements injection

moulding while offering faster design changes during the development cycle all without tooling required.

Accelerated Time-to-Market

Speed to market is paramount for the medical and pharmaceutical sectors, where rapid product development and swift market entry



can significantly impact patient care. Our investment in additive manufacturing significantly reduces lead times for prototyping and part testing, offering shorter design iteration and production cycles. With the ability to go from concept to reality in a matter of days, rather than weeks, our customers gain a competitive edge by quickly adapting to evolving market demands.

Consistent Contract Manufacturing and Compliance

Meeting stringent regulatory standards is non-negotiable in the medical and pharmaceutical sectors. Carbon digital technology offers high levels of quality control and guarantees compliance. With the ability to replicate complex geometries and features with

precision, our medical and life science customers can trust in our engineering expertise and capabilities.

Enabling Collaboration and Innovation

The integration of Carbon technology with traditional injection moulding capabilities creates a platform for collaboration and innovation. Developing and producing a functioning prototype with Carbon within short timeframes is unmatched by conventional processes. Our Innovation Centers collaborate with clients to bring their ideas to life, providing scalable injection moulding solutions.

In a landscape defined by rapid technological advancements and evolving consumer demands, embracing innovation is not just an option—it's imperative. Carbon digital manufacturing technology represents a paradigm shift in medical and pharmaceutical contract manufacturing, offering the sector unparalleled design freedom and efficiency throughout the entire process of bringing an idea to life.

Committed to *Sustainability* based



concept design and operations

Throughout our industry, we are seeing a shift from a linear economy to a circular economy, with material selection and end-of-life product recycling becoming critical considerations in our sustainable business strategy.

At Rosti, we make detailed analyses of new products at the concept design stage, so that they better fit the circular economy model. These analyses look at material selection, tooling management, production

technology, and the products' potential for repair or recycling.

We have a deep belief in the need to move towards a circular economy, and this drives us to work with advanced material developers, machine producers and our customers to support our community and our planet. These efforts are rooted in our values of partnership and integrity, and we take tangible actions to lessen our impact on the natural world.

Jonas Persson, CEO

“Everyone in Rosti, at every point of the value chain, must understand what we should be doing to **reduce our and our customers global impacts.**”



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Rosti Group. Big enough to **cope**. Small enough to **care**.

We would **love** to hear from **you**:



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