NORCK®

Prototype. Manufacture. Scale Up. On-Demand.

www.norck.com

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A B O U T

NORCK®

Norck is a leading manufacturing technology company with operations in Germany and the United States. We specialize in **on-demand precision CNC machining, 3D printing, sheet metal fabrication, and injection molding,** leveraging advanced digital technologies.

Beyond our in-house capabilities, our digital manufacturing platform connects customers with top-tier manufacturers across Germany, Europe, and the U.S. — experts in sheet metal, CNC machining, 3D printing, injection molding, and composites. Our curated supplier network ensures exceptional quality at every step.

Our Mission

At **Norck,** we safeguard our customers' supply chains by ensuring uninterrupted access to the products and services they need—always, on time, and at stable, competitive prices. We are committed to delivering quality that consistently exceeds expectations.



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OUR VALUE

① INNOVATION

We drive progress with smarter, faster, and more efficient manufacturing solutions.

② QUALITY

Quality is central to every stage—from materials to final delivery.

③ RELIABILITY

We deliver with precision, consistency, and responsiveness.

④ TRUST & PARTNERSHIP

We build strong relationships through transparency and dependable service.

⑤ CUSTOM ENGINEERING

We offer expert, flexible engineering tailored to your unique goals.

Quality and Trust

Our Product Quality Standards

At **Norck**, quality is not an option—it's a core commitment built into every stage of our manufacturing process.
We operate under an in-house quality management system aligned with ISO standards, ensuring that every part meets strict global requirements for precision, reliability, and consistency. With advanced inspection protocols and a culture of continuous improvement, we deliver products you can trust.

ISO 9001:2015

At **Norck,** quality assurance is embedded in our operations through full compliance with **ISO 9001:2015** standards.
This internationally recognized certification reflects our commitment to consistent quality, continuous improvement, and customer satisfaction. By following well-defined processes and maintaining rigorous documentation and inspection systems, we ensure that every part we deliver meets the highest levels of precision, traceability, and reliability.

Sustainability

Sustainability is a core value at **Norck**—we believe that advanced manufacturing should not come at the cost of our planet. We implement eco-conscious practices throughout our supply chain, including material optimization, energy-efficient production methods, and waste reduction strategies. Our goal is to help clients bring innovative products to market while minimizing environmental impact, supporting a more sustainable and responsible future for industry.



Key Quality Practices at Norck

- **ISO-Aligned Quality System**
  Structured to meet international standards for process control and traceability.
- **Multi-Stage Inspections**
  From raw material checks to final part approval.
- **Precision Tolerances**
  Tight, verified tolerances using advanced metrology tools.
- **Certified Materials**
  High-quality materials sourced from trusted suppliers.
- **Full Traceability**
  Documentation available on request, including CoC and inspection reports.
- **Client-Specific QA**
  Tailored quality plans for industries with critical compliance needs.

Custom Engineering and Tailored Solutions

At Norck, we specialize in delivering fully customized engineering and manufacturing solutions designed to meet the unique needs of every project.

Client-Centric Approach
We treat every project as unique, tailoring our services to match your specific goals, timelines, and technical challenges.

Collaborative Engineering Support
Our experienced engineers work closely with you to provide design feedback, tolerance guidance, and manufacturability analysis.

Material & Process Optimization
We help select the best materials and manufacturing methods to meet your product's functional requirements and cost targets.

Prototype to Production Scalability
Whether it's a single prototype or a high-volume production run, our solutions scale with your needs—seamlessly and efficiently.

Custom Manufacturing Strategies
From tight-tolerance CNC parts to complex assemblies and hybrid production techniques, we develop solutions tailored to your design intent.

End-to-End Flexibility
Our systems are built to adapt, enabling faster iteration cycles, special part requirements, and on-demand production flexibility.

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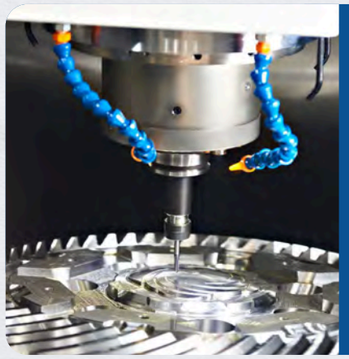
Prototype. Manufacture. Scale Up. On-Demand.

CNC Machining



CNC Machining

Norck offers precision CNC machining services, delivering high-quality custom parts for industries like aerospace, automotive, and robotics. Utilizing advanced multi-axis machines, they ensure tight tolerances and exceptional surface finishes. Their rapid turnaround times and rigorous quality control make them a trusted partner for complex component manufacturing.



CNC Milling

Norck's CNC milling capabilities allow for the creation of intricate geometries and detailed features in various materials. Their state-of-the-art equipment ensures consistent accuracy and repeatability. This service is ideal for producing components that require complex shapes and high precision.



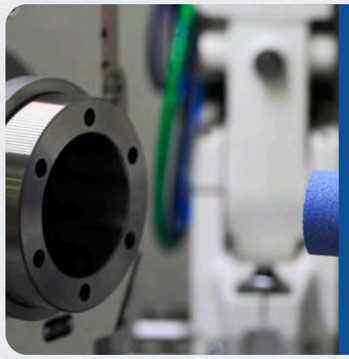
CNC Turning

With CNC turning services, Norck efficiently manufactures cylindrical parts with high precision. Their advanced lathes handle both simple and complex designs, ensuring smooth finishes and tight tolerances. This process is essential for producing shafts, bushings, and other rotational components.



CNC Grinding

Norck's CNC grinding services provide superior surface finishes and precise dimensions for critical components. This process is essential for parts requiring tight tolerances and smooth surfaces. It's particularly beneficial for applications in aerospace and medical industries.



CNC Honing

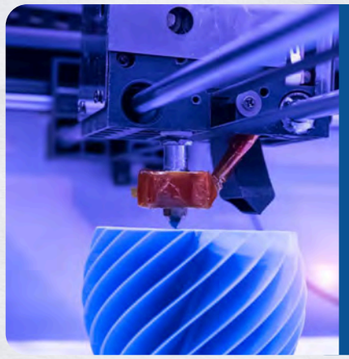
CNC honing at Norck enhances the surface quality and dimensional accuracy of internal cylindrical surfaces. This service is crucial for components like engine cylinders and hydraulic cylinders. It ensures optimal performance and longevity of the parts.



Precision Metal Parts

Norck specializes in manufacturing precision metal parts tailored to specific industry requirements. Their expertise spans various metals, ensuring components meet exact specifications.
These parts are integral to sectors like aerospace, automotive, and industrial machinery.

CNC Machining



Precision Plastic Parts

Through advanced manufacturing techniques, Norck produces high-quality precision plastic parts. Their services cater to industries requiring components with tight tolerances and specific material properties. Applications include medical devices, electronics, and consumer products.



Wear-Resistant Parts

Norck manufactures wear-resistant parts designed to withstand harsh operating conditions. Utilizing specialized materials and treatments, these components offer extended service life. They're essential for industries like mining, construction, and heavy machinery.



Custom Components

Norck provides custom component manufacturing, turning unique designs into functional parts. Their collaborative approach ensures that each component meets the client's specific needs. This service is ideal for specialized applications across various industries.



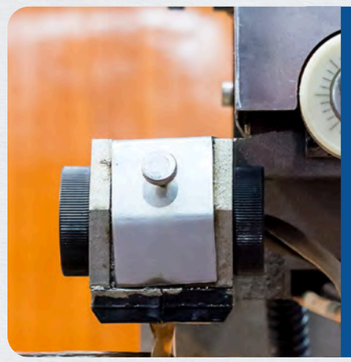
Assembly Services

Beyond individual parts, Norck offers assembly services to deliver complete, ready-to-use products. Their skilled technicians ensure that each assembly meets quality standards and functions as intended. This streamlines the production process for clients, reducing time and costs.



Rapid Prototyping

Norck's rapid prototyping services accelerate the product development cycle. By quickly producing functional prototypes, clients can test and refine designs efficiently. This service is crucial for bringing products to market faster.



Wire EDM Machining

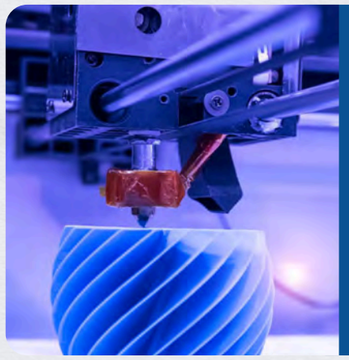
Wire EDM machining at Norck allows for the creation of intricate and precise components. This process is ideal for hard materials and complex shapes that are challenging to machine conventionally.
It's widely used in tool and die making, as well as aerospace applications.

3D Printing



3D Printing

Norck's 3D printing services provide rapid and flexible manufacturing solutions for both prototypes and end-use parts. Utilizing various technologies, they cater to diverse material and design requirements. This service supports innovation across multiple industries.



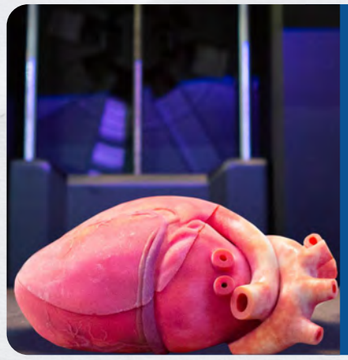
Plastic 3D Printing

Specializing in plastic 3D printing, Norck produces components with excellent detail and surface finish. This service is ideal for creating functional prototypes and low-volume production parts. It supports applications in consumer products, medical devices, and more.



Fused Deposition Modeling (FDM)

Norck's FDM services offer cost-effective solutions for producing durable plastic parts. This technology is suitable for functional prototypes, jigs, and fixtures. It's widely used due to its material versatility and strength.



HP Multi Jet Fusion (MJF)

With MJF technology, Norck delivers high-quality parts with fine details and smooth surfaces. This process is efficient for producing complex geometries in nylon materials. It's particularly beneficial for functional prototypes and end-use components.



Selective Laser Sintering (SLS)

Norck's SLS services enable the production of strong, functional parts without the need for support structures. This technology is ideal for complex designs and rapid prototyping. It's commonly used in aerospace, automotive, and medical industries.



Contract Manufacturing

Norck offers comprehensive contract manufacturing services, managing projects from design to delivery. Their integrated approach ensures quality control, cost efficiency, and timely production. This service is beneficial for companies seeking a reliable manufacturing partner.

3D Printing



PolyJet

Norck's PolyJet services offer multi-material and multi-color printing capabilities. This technology is excellent for creating prototypes that closely resemble final products. It's beneficial for design validation and marketing purposes.



Carbon DLS

Using Digital Light Synthesis, Norck produces parts with exceptional mechanical properties and surface finish. This technology is suitable for both prototyping and production. It's particularly advantageous for applications requiring high-performance materials.



Metal 3D Printing

Norck's metal 3D printing services enable the creation of complex metal parts with high precision.
This technology supports rapid prototyping and low-volume production. It's essential for industries like aerospace, automotive, and medical devices.



Direct Metal Laser Sintering (DMLS)

DMLS at Norck allows for the production of intricate metal components directly from digital designs.
This process is ideal for creating parts with complex geometries and high strength.
It's widely used in aerospace and medical applications.



Vapor Smoothing

Norck offers vapor smoothing services to enhance the surface finish of 3D printed parts.
This post-processing technique improves aesthetics and reduces surface roughness. It's particularly useful for consumer-facing products.



Stereolithography (SLA)

SLA printing at Norck produces high-resolution parts with smooth surface finishes. This technology is perfect for detailed prototypes and models.
It's widely used in industries requiring precision and aesthetic quality.

Sheet Metal Fabrication



Sheet Metal Fabrication

Norck provides comprehensive sheet metal fabrication services, transforming flat sheets into functional components. Their capabilities include cutting, bending, and assembling various metals. This service supports industries like automotive, aerospace, and construction.



Sheet Metal Cutting

Norck's sheet metal cutting services provide precise and clean cuts for various metals, including steel and aluminum. Employing technologies like laser cutting, plasma cutting, and waterjet cutting, they achieve complex profiles and cost-effective fabrication outcomes. This service is essential for industries requiring high-precision metal components.



Contract Manufacturing

Norck offers comprehensive contract manufacturing services, managing projects from design to delivery. Their integrated approach ensures quality control, cost efficiency, and timely production. This service is beneficial for companies seeking a reliable manufacturing partner.



High Volume Production

Norck is equipped to handle high-volume sheet metal production, maintaining consistent quality and efficiency. Their scalable manufacturing processes support large orders, meeting the demands of various industries. This capability ensures timely delivery and cost-effectiveness for clients.



Metal Extrusion

Norck provides metal extrusion services, producing components with specific cross-sectional profiles. This process is suitable for creating long, uniform parts used in various structural applications. Their expertise ensures that extruded parts meet precise specifications and quality standards.



Sheet Metal Rapid Prototyping

With rapid prototyping services, Norck enables quick production of sheet metal prototypes, facilitating design validation and testing. This accelerates the product development cycle, allowing for faster iterations and time-to-market. Their expertise ensures that prototypes closely match final production quality.

Injection Molding



Injection Molding

Norck's injection molding services deliver high-quality plastic parts for various industries, including aerospace, automotive, and consumer goods. Utilizing advanced machinery and experienced technicians, they produce components with precision and efficiency.
Their commitment to quality control ensures that every item meets rigorous standards.



Production Tooling

Norck's production tooling services involve creating durable molds designed for high-volume manufacturing. These tools are built to withstand the rigors of mass production, ensuring consistent part quality over time. Their precision engineering guarantees that production tooling meets exact specifications.



Prototype Molding

Norck provides rapid prototype molding services, enabling quick production of molds for testing and validation purposes. This accelerates the product development cycle, allowing for faster iterations and time-to-market. Their expertise ensures that prototypes closely match final production quality.



Overmolding

Overmolding at Norck involves molding over existing parts to add features or materials, enhancing functionality and aesthetics.
This process is ideal for creating multi-material components with improved grip, insulation, or structural integrity. Their expertise ensures seamless integration between materials.



Bridge Tooling

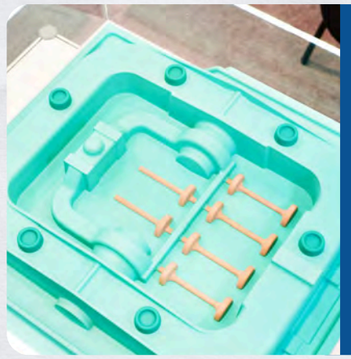
Bridge tooling at Norck offers an intermediate solution between prototyping and full-scale production. This approach provides cost-effective tooling options for low to medium-volume production runs.
It allows clients to bring products to market faster while refining designs before investing in production tooling.



Insert Molding

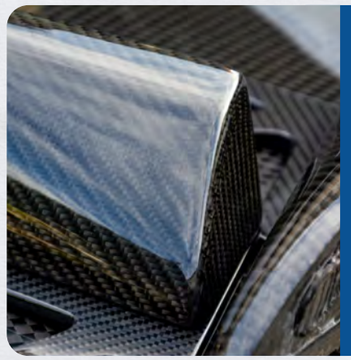
Insert molding services at Norck embed components within molded plastic parts, combining materials into a single, cohesive unit. This technique enhances part strength and reduces assembly steps, improving overall product efficiency. It's widely used in applications requiring integrated metal and plastic components.

Injection Molding



Urethane Casting

Norck offers urethane casting services, producing parts using silicone molds and polyurethane resins. This method is ideal for low-volume production and prototypes, providing high-quality parts with excellent surface finishes. It's a cost-effective alternative to injection molding for small batches.



Composite Materials

Norck's expertise in composite materials allows for the manufacturing of parts that combine different materials to achieve enhanced properties. These components offer improved strength-to-weight ratios, corrosion resistance, and design flexibility. Their capabilities support applications in aerospace, automotive, and other high-performance industries.



Liquid Silicone Rubber Molding

Norck provides liquid silicone rubber (LSR) molding services, producing flexible and durable silicone parts. This process is suitable for components requiring high thermal stability, chemical resistance, and biocompatibility. LSR molding is commonly used in medical devices, automotive seals, and consumer products.



Die Casting

Die casting services at Norck involve high-pressure casting of metal parts, achieving excellent surface finishes and dimensional accuracy. This process is ideal for producing complex metal components in large volumes. Their die casting capabilities support industries like automotive, aerospace, and electronics.

Material

- Aluminum
- Stainless Steel
- Titanium
- Tool Steel
- High-Speed Steel
- Carbide
- Alloy Steel
- Spring Steel
- Cold Rolled Steel
- Pre-Coated Steel
- Brass
- Copper
- Zinc
- Magnesium

Plastics

- Delrin (POM)
- PEEK
- ABS / ABS-like
- Polycarbonate (PC)
- Polyamide (PA6, PA12)
- PET / PETG
- PTFE (Teflon)
- PMMA (Acrylic)
- PEI / ULTEM
- PVC / CPVC
- Polypropylene
- HDPE

Ceramics & Composites

- Zirconia
- Alumina
- CFRP
- GFRP

Coatings & Surface Finishes

- Anodizing
- Powder Coating
- Electroplating
- Nickel Plating
- Zinc Plating
- Passivation
- Polishing
- Sandblasting
- Brushed Finish
- Black Oxide
- Painting
- Chromate Conversion (Chemical Film)
- Thermal Oxidation
- Hard Coating
- Teflon Coating



Why Choose Norck?

At **Norck**, we don't just manufacture parts—we build partnerships. Our unique advantage lies in our seamless integration of advanced digital tools, global manufacturing resources, and deep engineering expertise. Clients choose Norck for consistent quality, rapid lead times, competitive pricing, and a customer-first approach that delivers real business value at every stage of the product lifecycle

Engineering Support
From concept to completion, Norck's dedicated engineering team is with you every step of the way. Our experts offer design for manufacturability (DFM) feedback, material consultation, tolerance analysis, and technical guidance to ensure your parts are optimized for performance and cost. Whether you're refining a prototype or scaling up for production, we help you make smart design decisions that accelerate success.

On-Demand Production
Norck's on-demand production model gives you the flexibility to manufacture what you need, when you need it. With instant quoting, short lead times, and global supply chain capabilities, we eliminate long waits and high minimum orders. Whether it's a single prototype or a full production run, we deliver fast, scalable, and cost-effective manufacturing—on your terms.

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What do our customers say?



Dott Achilles

Belgian design house Dott Achilles needed ultra-precise, small-scale prototypes for a new product; Norck supplied flawlessly fitting, high-strength parts and even proposed aesthetic surface finishes, turning a supplier relationship into a true design-for-manufacture partnership that will scale with production.

Read the full story here: Dott Achilles's Experience with Norck.



FAU

FAU's Chair of Manufacturing Metrology long struggled to source specialized tooling at reasonable prices until Norck matched exact specifications with uncompromising quality and transparent costs, earning praise for smooth, responsive service and becoming the lab's go-to precision partner.

Read the full story here: FAU's Experience with Norck.

What do our customers say?



Foresee Biosystems

For cutting-edge cardiotoxicity platforms, Italian biotech start-up Foresee Biosystems relies on Norck's precision-engineered components, punctual deliveries, and hands-on engineering expertise—support that lets them concentrate on scientific breakthroughs while trusting their supply chain.

Read the full story here: Foresee Biosystems's Experience with Norck.



GELATIN

When creative-tech studio GELATIN hit snags after its first prototype, Norck's engineers stepped in with rapid, customized fixes and a flawless new build; the result is an "absolutely satisfied" customer who sees this as the start of a long-term collaboration.

Read the full story here: GELATIN's Experience with Norck.

What do our customers say?



H2 Pulse

Hydrogen-testing specialist H2 Pulse needed budget-friendly, high-accuracy test pieces; Norck delivered tailored parts, expert guidance, and end-to-end professionalism, enabling efficient sample validation and cementing a trusted partnership for future projects.

Read the full story here: H2 Pulse's Experience with Norck.



Stamas Solutions AS

Facing tight timelines on an aerospace project with the University of Stavanger, Norway's Stamas Solutions turned to Norck for extra capacity; Norck met stringent quality demands and delivered on schedule, prompting both companies to explore deeper cooperation.

Read the full story here: Stamas Solutions AS's Experience with Norck.

Contact Us

Discover precision.
Contact us for a tailored solution.

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