



NIPPON KORNMEYER

NIPPON KORNMEYER ENGINEERED CARBON SOLUTIONS

COMPANY NAME/LOCATION:

Nippon Kornmeyer Carbon Group GmbH (NK)
Im Nassen 3 | 53578 Windhagen | Germany

BOARD OF MANAGEMENT:

Torsten Kornmeyer | Takeshi Kawazoe

MEMBER OF NIPPON CARBON GROUP:

Nippon Carbon Co., Ltd., established in **1915**, is the raw material and **R&D** center supporting **NK**. The main products and markets served:

- **Graphite Specialities** such as CIP, Extruded and Molded Graphite
- **Carbon fiber composites (CFC)** for aerospace, automotive, and high temperature applications.
- **High-purity graphite** for producing SiC
- **Anode Materials** for Lithium-Ion Batteries
- **Silicon Carbide Continuous Fibers** for aerospace.
- **Impervious graphite** and **chemicals** used for chemical industrial devices and equipment such as heat exchangers
- **Flexible graphite** for automotive, and other carbon products.

NUMBER OF STAFF:

>800

Group

70

Nippon Kornmeyer

HISTORY:

In business since 1968 - **Nippon Kornmeyer (NK)** is a company jointly operated by the shareholders of Kornmeyer CarbonGroup (Germany) and Nippon Carbon Co. Ltd. (Japan), a Tokyo stock exchange listed carbon manufacturer.

1968 Foundation of KOGO mechanics by Winfried Kornmeyer, first workshop with CNC equipment.

1969 Development of the first graphite-heated vacuum furnace with Schmetz Menden.

1982 Pioneer of direct heated charging racks (carbon composites) for vacuum brazing of automotive coolers.

1993 Relocation to Windhagen with expanded production and warehouse capacity, further enlarged over the next 20 years.

1995 First high-temperature furnace equipment at the Windhagen site.

2012 Launch of Purification & Coating Center in Windhagen (batch CVI & CVD processes).

2016 Joint venture with Nippon Carbon Co., Ltd., forming Nippon Kornmeyer Carbon Group GmbH.

2020 Cooperation with Fraunhofer IISB to commercialize SiC & TaC coatings on graphite.

2020 Foundation of KTE Kornmeyer Technologie Entwicklung GmbH for advanced coatings and additive manufacturing.

2024 Expansion of Purification & Coating Center with cleanroom packaging and storage.

KEY FACTS NIPPON KORNMEYER

Warehouse Space: 4500m²

Production Area: 15.550m²

Number of Staff: 70 (NK) > 800 (Group)

CNC Equipment: >50

Capabilities of Machining: From 0,1mm to 4000mm

Experience: >30.000 different parts produced over past decades, >4000 active articles in portfolio



PRODUCT RANGE:

Nippon Kornmeyer produces components made of graphite, ceramics, CFC and carbon-based insulating materials in any shape, size and complexity. **Nippon Kornmeyer** manufactures single-parts, assemblies, large projects all the way up to commercial-scale production. In addition to the machining, components can be purified and coated (e.g. SiC, TaC and PyC).

CERTIFICATION:



COMPETITIVE ADVANTAGES:

Access to the R&D center of Nippon Carbon Group in Japan which provides valuable support to NK's engineering team – resulting in a fully integrated approach in product development and application know how.

Highly motivated and experienced team, fast reacting to customer needs and experienced in providing suitable engineering and product solutions.

The partnership with the Fraunhofer IISB supports NK with additional application know-how related to the Semiconductor and PV markets and accelerates development projects.

SERVICE POTENTIALS:

Nippon Kornmeyer specializes in design, simulation, manufacturing, coating, purification, and technical support of carbon- and ceramic-based materials for companies in Europe, Middle East, Africa, Asia, and the Americas. Key industries served cover the segments industrial, metals, heat treatment, automotive, semiconductor/PV and aerospace.

NK offers the complete setup for the design of existing or new products: Mechanical and thermal analysis (FEA); Technical Consulting; Technical Drawings; Thermal Analysis; Computational fluid dynamics (CFD), Chemical Elementary Analysis.

INTERNET AND SOCIAL MEDIA:

www.nk-carbon.com | **www.carbon.co.jp**

LinkedIn: www.linkedin.com/company/nkcg

facebook: www.facebook.com/kgtgraphit

instagram: [nippon_kornmeyer](https://www.instagram.com/nippon_kornmeyer)



A GROUP COMPANY OF NIPPON CARBON

