



KAIPLASTICS

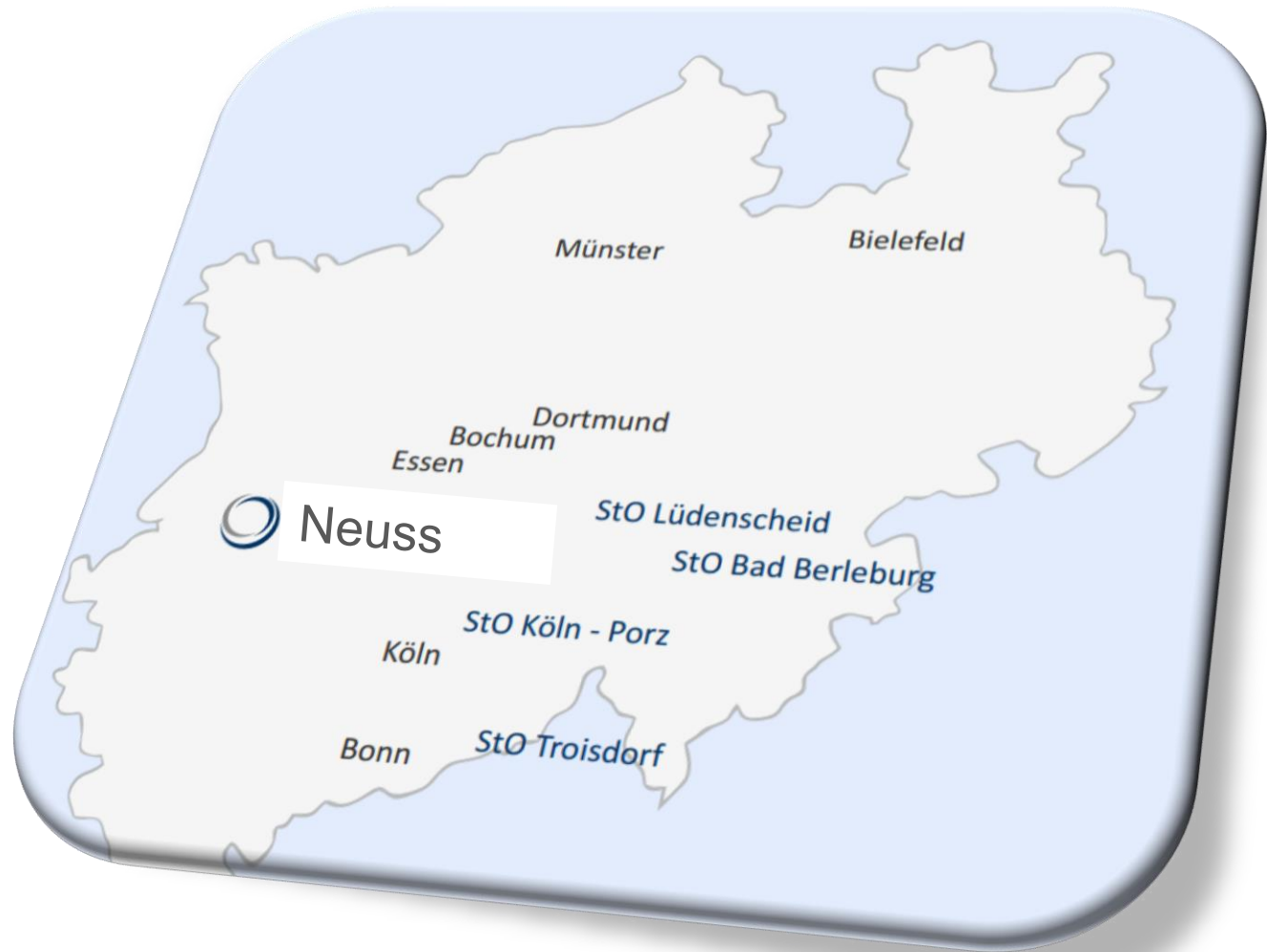


**Company presentation
Kai Plastics GmbH & Co. KG**

*Expertise in plastics processing
at 3 locations*

Kai Plastics GmbH & Co. KG
Bad Berleburg | Lüdenscheid | Troisdorf

1. About us
 1. Locations
 2. Kai Capital
2. Main competences
3. Quality Management
4. Our customers
5. Products from Kai Plastics





- ✓ **Kai Plastics is part of the Kai Capital Holding**

- ✓ **Synergies in Procurement, Technology and Sales at three locations**

- ✓ **Strong partner, from the idea till serial-production**

- ✓ **Innovative production processes (foaming, robot assembly, ...)**

- ✓ **Access to further companies of the holding**
 - ✓ **i.E. Kaiser Oberflächentechnik, Reboplastics**



- ✓ **Product development**
- ✓ **In-house development of automatic assembly machines**
- ✓ **Rheological and thermal analysis**
- ✓ **Calculation of mechanical strength**
- ✓ **Prototyping**

„We have to be more than just a supplier, we are your strong partner from the idea to the end of the product life cycle.“

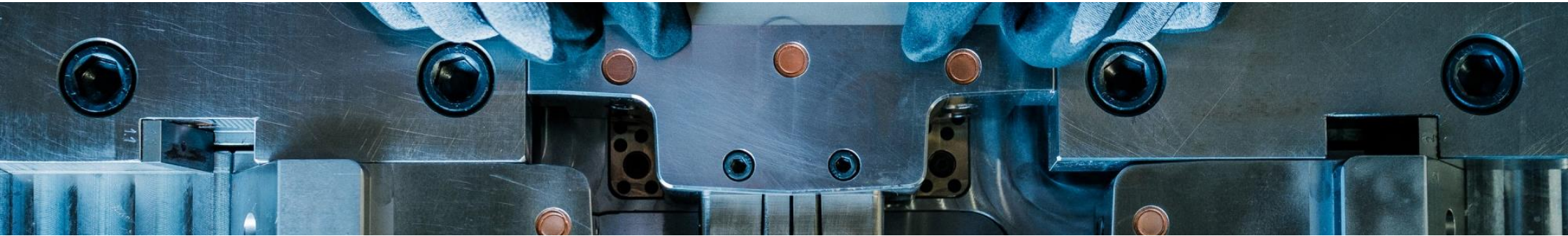
Florian Prehn - Sales



The Kai Capital Holding has taken over the following companies as part of the succession plan:

- ✓ **Axmann GmbH**
- ✓ **Carpentier Packaging GmbH**
- ✓ **ConceptColor GmbH**
- ✓ **Effytec S.A.**
- ✓ **Hassia-Redatron GmbH**
- ✓ **Kai Plastics GmbH & Co. KG**
- ✓ **Kaiser GmbH Oberflächentechnik**
- ✓ **Portawin Kriege GmbH**
- ✓ **Reboplastic GmbH**



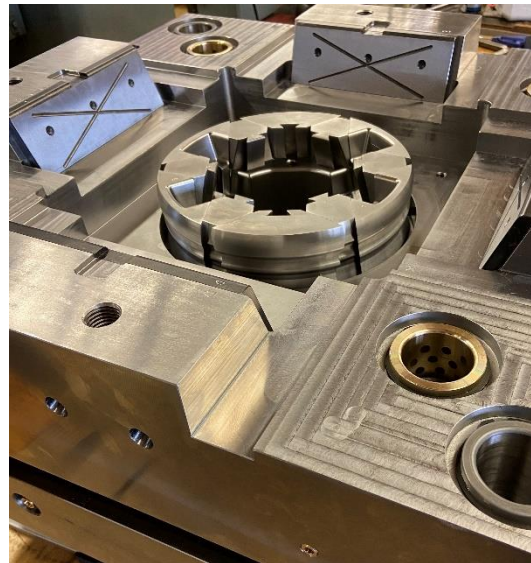


✓ **Manufacturing processes**

- ✓ **CNC-milling**
- ✓ **CNC-die sinking**
- ✓ **CNC-turning**
- ✓ **Wire eroding**

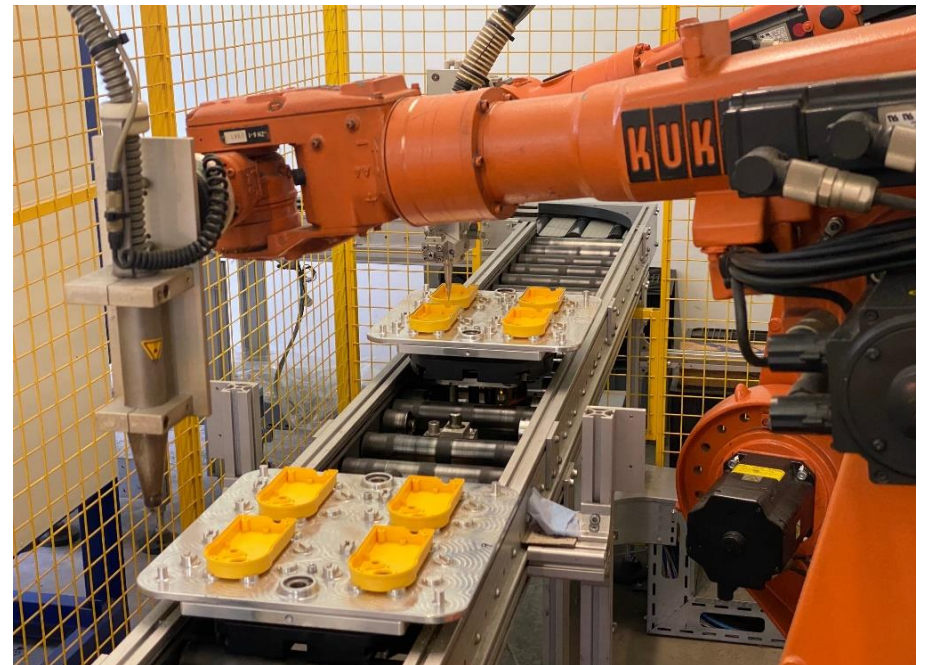
✓ **Emphasis at a glance:**

- ✓ **Unscrewing tools**
- ✓ **2K-tooling**
- ✓ **High surface requirement**
- ✓ **Multitooling for small components with close tolerances**
- ✓ **In-house tool construction**
- ✓ **Tools for magnet injection molding**
- ✓ **Tooling sizes up to 600 x 800 mm**





- ✓ **Sealing material applied directly onto your components**
- ✓ **Appliable onto nearly every surface**
- ✓ **Corresponds to the latest state-of-the-art**
- ✓ **Innovative, closed-cell Penguin Foam**
- ✓ **Protection against moisture, humidity, dust and dirt**





Main competence – DIN articles



✓ **Screws, screw nuts and washers made of plastic similar to DIN**

✓ **Plastic dowels**



Products



Wing nut M10
similar to DIN315



Wing nut M6
similar to DIN315



Wing nut M8
similar to DIN315



Cap nut M10
similar to DIN1587



Cap nut M12
similar to DIN1587



Cap nut M3
similar to DIN1587



Cap nut M4
similar to DIN1587



Cap nut M5
similar to DIN1587



Cap nut M6
similar to DIN1587



Cap nut M8
similar to DIN1587

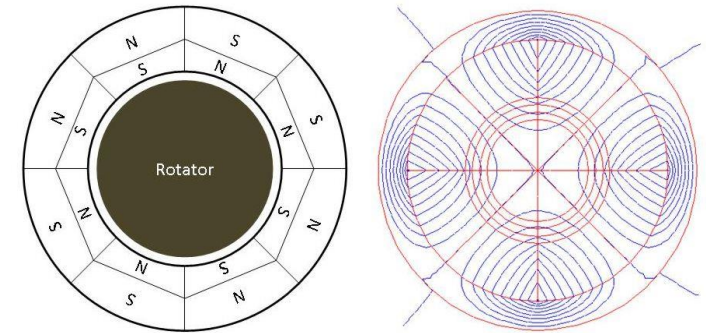


- ✓ **2K-Injection moulding**
 - ✓ **Hard- Softarticles**
 - ✓ **Application with sealing elements**
 - ✓ **Metal combinations**

- ✓ **Metal replacement**

- ✓ **Magnet injection moulding**
 - ✓ **Latest Technology: Granulate with magnetizable fillers additives**

- ✓ **Insert- / Hybrid technology**

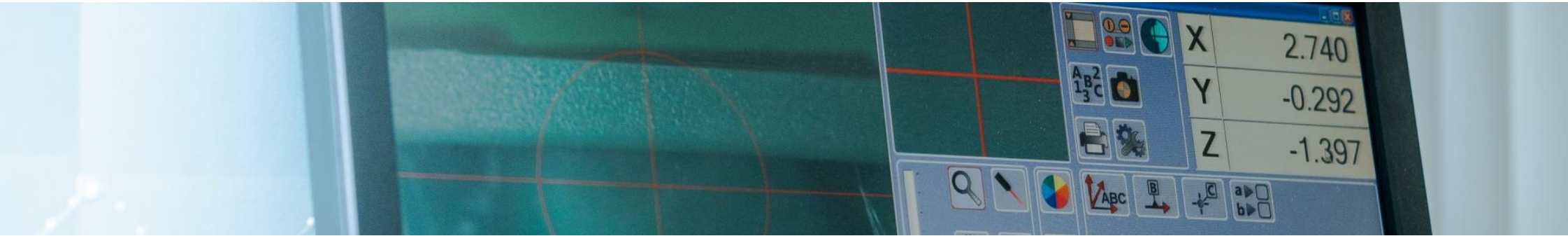




Assembly for end-to-end system solutions

- ✓ **Semi- or fully automated assembly of components incl. camera-supported controls**
- ✓ **For lot sizes from 1 – 1.5 million parts per year**
- ✓ **Mechanical processing**
- ✓ **Confectioning and printing**





- ✓ Our quality certifications
 - ✓ DIN ISO 9001
 - ✓ DIN ISO 50001 (Energy management)

- ✓ Our target: Zero-Defect-Quality

„We convince our customers with outstanding production quality and we guarantee this quality on the basis of coordinated testing plans.“
Gabriela Grzelska - Quality





✓ **Automotive**

✓ **Medical technology**

✓ **Electro technology**



✓ **Railroad**



✓ **Aerospace**

✓ **Agriculture**

Our customers



Products from Kai Plastics





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Thank you for your attention!