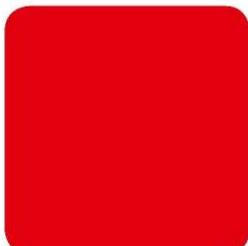


# 1955

WIR LEBEN KUNSTSTOFF



# Our Services



**Development and  
Tool Design**



**Tool Shop**



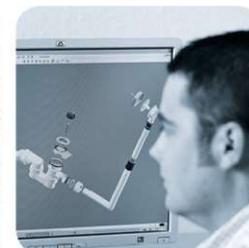
**Tool Making  
Department**



**Assembling  
Department**



**Logistic Service**



# The Company



- For decades TG is dedicating the development and manufacturing of premium plastic parts with passion in the following industries:

- Sanitary engineering
- Household equipment
- Automotive
- Other industries

- TG is acting Europe-wide for numerous Industries

- Large own product range in sanitary and wheels and castors

- TG Expertises:



# The Company – History



- **1955**

Founding of the company Herbert Grebe.

- **1964**

Joining of the Company Thorwarth and founding of Thorwarth & Grebe oHG.

- **1992**

After the German reunion the original company building in Schmalkalden / Thuringia was took over by TG.

- **2008**

Generational Break in Erndtebrück: The company is led in the 2nd and 3rd generation by todays managers Dipl. Ing. Gert Grebe and Dipl. Betrw. Monika Thorwarth.



# The Company - History

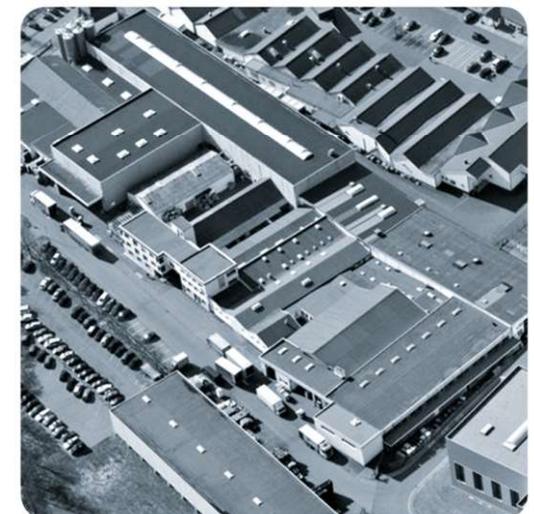


- **2012**

TG Kunststoffverarbeitung GmbH (Erndtebrück) and Thorwarth & Grebe GmbH (Schmalkalden) are acting together as the brand TG.

- **2021**

Mr. Gert Grebe retired end of 2020. His son Dipl. Ing. Christian Grebe became his successor. He leads the company together with Dipl. Betrw. Mrs. Monika Thorwarth.



# Site Erndtebrück



## Site Erndtebrück/NRW

- About 145 Employees
- Production area about 4.000 m<sup>2</sup>
- Own construction department
- Own toolshop
- Molding department with about 79 injection molding machines
- Assembling department
- Logistics service



# Site Schmalkalden



## Site Schmalkalden/Thuringia

- About 60 employees
- Production area about 2.300 m<sup>2</sup>
- Molding department with about 23 injection molding machines
- Stamping department with 8 presses
- Mold maintenance
- Assembling department
- Logistics service





## Plastic in highest quality

- Construction and development
  - Construction based on samples or drawing
  - 2D/3D CAD/CAM systems (Autodesk Inventor, Creo Parametric)
  - Simulation Software for optimization of mold geometrie (Cadmould)
- Toolshop
  - Individual solutions for your demand
  - Flexibility and safety of our own processes
  - Standard machining processes, wirecutting and laser welding



## Plastic in highest quality

- Molding department with about 102 injection molding machines
- Clamp force from 25t to 850t, volume up to 3.500g – all usual thermoplastics also in multi component processes.
- Bonding technique
  - Hotplate welding, ultrasonic welding
- Full Service by additional finishing processes
  - e.g. hot stamping or pad printing
- Assembling and packaging
  - Automatically packing in plastig bags with tabs
  - Labeling





## Individuality brought to shape

- Metalworking is in our range of service since 1992.
- The ideal addition for processing polymerics
- Own construction and manufacturing of metal components ensures autonomy from external suppliers, especially for hybrid parts
- 8 presses with a power up to 150t
- Surface treatment by own slide grinding machine



# Competences – Sanitary



## Flexibility as System

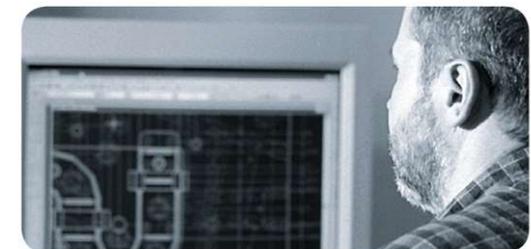
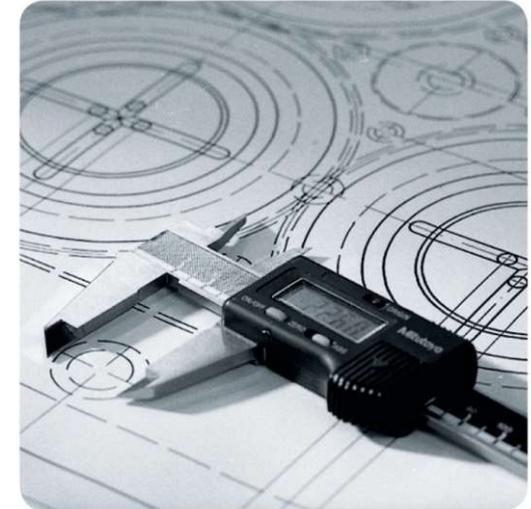
- Experience in manufacturing and distribution of sanitary injection mold parts since 50 years
- TG-Products for sanitary industrie are mixing the best from metal and plastic competence of many years.
- As a result: a smart modular system for fastness and flexibility
- You can choose from ready assembled parts or individually arranged sets from different components
- Whether plastic, metal or hybrid parts – TG matches your ideas!



# Certified Quality



Our products are subject of common quality standards and are audited permanently:



# Our Standards



## TG is supposed to be:

- Long-established and dedicated
- Reliable
- Safety oriented
- Structured realistic



1955  
WIR LEBEN KUNSTSTOFF

# Our promise



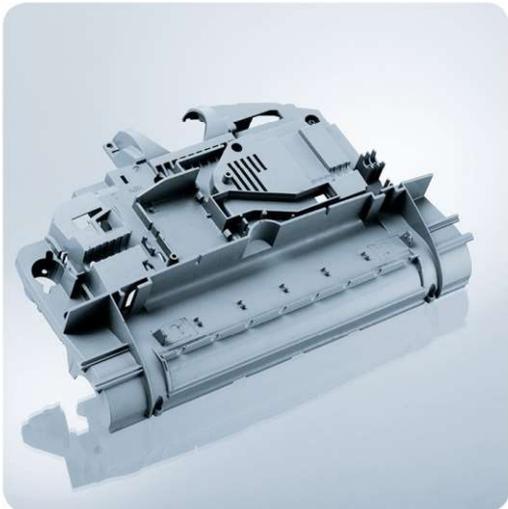
## Process-safety, Flexibility, Delivery reliability

- We give you the safety to get all components from one hand
- You can be sure that all components fulfil highest standards and norms of your branch.
- All our products are „Made in Germany“ – This means best quality
- We are your partner because you not only get a high quality product but complete service and highest flexibility
- By efficient material input, TG is saving resources sustainably and provides for the future.

**... all of this and even more since 1955 – we live plastic!**



**1955**  
WIR LEBEN KUNSTSTOFF



**Thank you**  
for your attention!

