



WERNER LANGER

Competence in plastics
– from idea to series

HISTORY

INNOVATION FROM
TRADITION



1949

Company foundation in Meschede-Berge.
First products: Pattern marks for foundry
industry

1964

Werner Langer enters the field of plastics
processing

1996

The market leader for accessories for the lighting
industry is certified according to DIN EN ISO 9002
for the first time – since then consistently

2000

Entry into new industries is successful. Langer
also produces for storage technology/medical
technology and sanitary requirements.

**SINCE
2012**

Important certification: "Family-friendly
company in the Hochsauerlandkreis"

TODAY

With over 120 employees, Werner Langer is
innovative at the Berge location



OVERVIEW OF SERVICES



We are versatile and accompany our customers from the idea to product delivery.

We...

- develop and design
- take over the toolmaking
- offer small and large series production
- assemble and mount subassemblies
- process and print
- organize logistics
- convince with our quality management

DEVELOPEMENT

WE DEVELOP VALUES FOR
OUR CUSTOMERS



We develop and design computer-aided in 3D and rely consistently on CAD-CAM software.

Our interfaces for data exchange:

- ▲ 3D Design: Parasolid, IGES, STEP
- ▲ 2D drawings: DXF, DWG

Our services in detail:

- ▲ single part and assembly design
- ▲ injection mold design
- ▲ Siemens NX (CAD-CAM-Software)
- ▲ Moldex 3D (filling simulation)



IN-HOUSE TOOLMAKING

FROM IDEA TO
SERIES



- modern machinery, including 5-axis milling machines, HSC-machining, and wire & die-sinking EDM machines
- automated machining centers
- over 100 new tools / year
- internal tool construction
- 2-shift-system
- fast and flexible



PRODUCTION

WE BRING PLASTIC INTO SHAPE



With our more than **50 injection molding machines** in the clamping force range from **100kN to 5,000kN** and part weights from **1g to 1,000g**, we process all kinds of **plastics** from **engineering polymers** such as ABS, ASA, PA, PBT, PE, PET, PMMA, PP, TPE, PC, POM to **high-performance polymers** such as LCP, PA 4.6, PA6.6CF, PEI, PPS, PSU, PEEK to **biopolymers** such as WPC, PLA and liquid wood.



PRODUCTION

WE BRING PLASTIC INTO SHAPE



The finishing of your products is also in good hands with us.

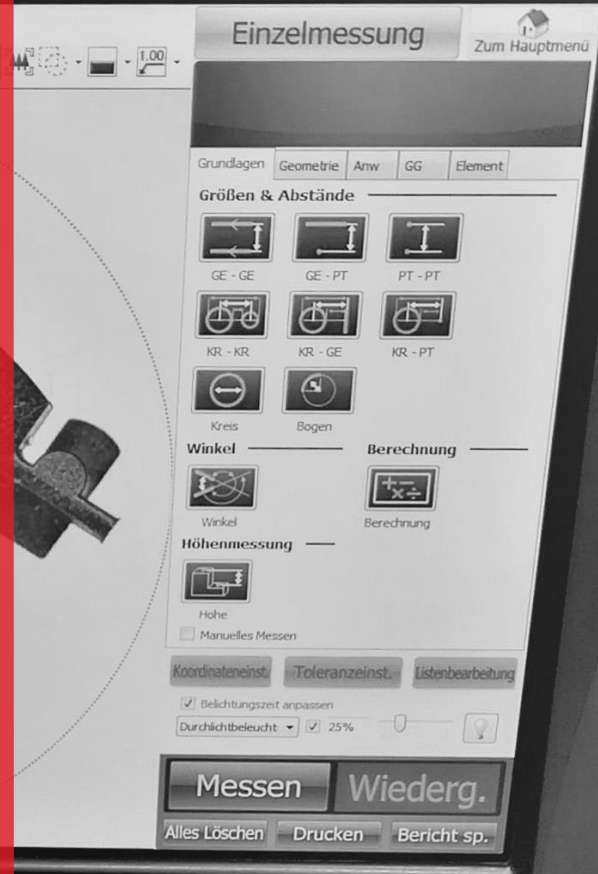
We...

- ▲ print
- ▲ mount complex assemblies
- ▲ confection
- ▲ metallizing, galvanizing, painting
- ▲ rely on efficient automatic assembly machines

QUALITY MANAGEMENT

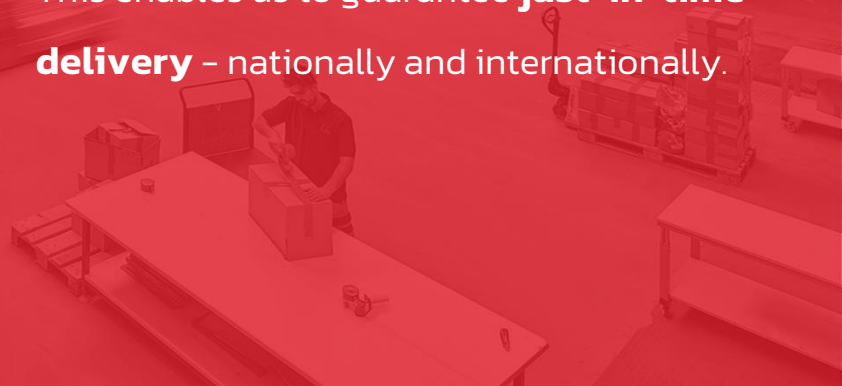
- by means of glow wire testing
- melt flow index MFI DIN ISO 1133 (DIN 53735)
- moisture Measurement by infrared drying
- surface roughness measurement
- hardness measurement according to Shore A and D
- measuring microscope
- optical control systems

Of course we are certified according to DIN
EN ISO 9001:2015 TÜV CERT





In our logistics center we offer you over **3,000 pallet spaces** on more than **2,500m²**. We have our own **fleet of vehicles** for shipping your products and also maintain long-standing partnerships with external logistics service providers. This enables us to guarantee **just-in-time delivery** – nationally and internationally.



The industries we serve are as diverse as our capabilities. Among other, our products are used here:

- ▲ warehouse and materials handling technology
- ▲ construction industry
- ▲ lighting industry
- ▲ housewares
- ▲ electrical engineering
- ▲ sports and leisure articles
- ▲ foundry supplies

Your industry is not listed? You still have an idea that you would like to implement? We are the right partner. Contact us – together we will develop a solution.



SUSTAINABILITY

SUSTAINABILITY AT WERNER
LANGER MEANS:



- ▲ steady expansion of our photovoltaic systems
- ▲ heating with renewable resources
- ▲ heat recovery
- ▲ electrified vehicle fleet with sufficient charging facilities on the company premises
- ▲ bioplastics and recyclates



LOCATION

LANGER – IN THE MIDDLE
OF SOUTH WESTPAHLIA



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