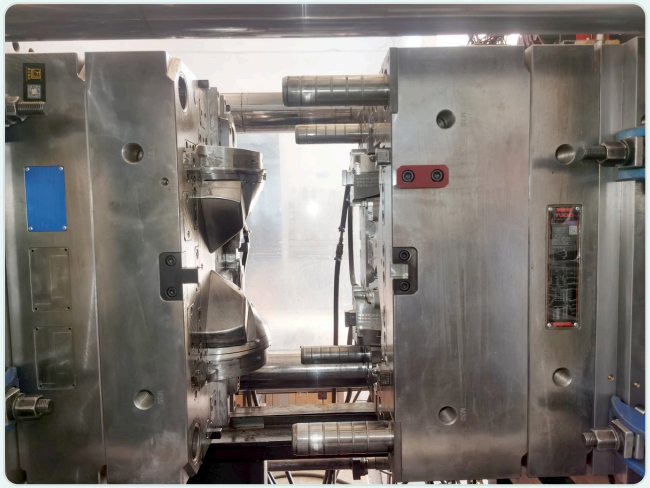
REFERENCE PROJECT

Housing of the LeakCam 600 acoustic camera



Taken over from the designer, reworked into parts ready for molding and production, and optimized with simulation, wall thickness and demolding analysis. Mold concepts discussed with the mold maker and the mold build supervised on site through to the tryout.

Design	Fill simulation, wall thickness and demolding analysis
Mold	Mold concept and design
Sept. 2024	First tryout (T1)
Today	Series production from the same molds

Still in production today from the molds of the first tryout, without unnecessary correction loops.

CONTACT

Discuss your project

Send us your part or give us a call.

PHONE	+49 7333 9539994
EMAIL	mail@dangel.de
WEB	www.dangel.de/en
ADDRESS	Höhenweg 40 89150 Laichingen, Germany

More projects, news and the textbook at **www.dangel.de/en**



Working worldwide, including in Saudi Arabia, China, India and Italy.

Dangel Formentechnik UG (haftungsbeschränkt)

Dangel Formentechnik UG

PART DEVELOPMENT · CONSULTING · INJECTION MOLDS · PROJECT MANAGEMENT

The missing piece between *part design* and mold making.



Decades of experience in design, mold making and machining, so that the mold maker works with the right data from the very start.

- **Shorter lead times**
- **Savings in cost and time**
- **Reliable, long-lasting mold**

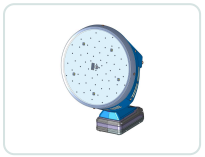
www.dangel.de/en

Unfortunately, many plastic parts end up as a compromise between what you would like and what is technically feasible.

SERVICES

Design and engineering do not always agree.

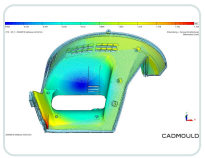
Part developers think in function and form, mold makers in steel and manufacturing. We speak both languages and bring them together early on.



PART DEVELOPMENT

Creating the part design

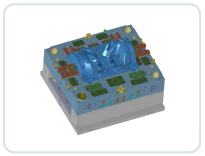
From the first idea to the finished part design. Your requirements, implemented ready for molding and production.



CONSULTING

Part design review

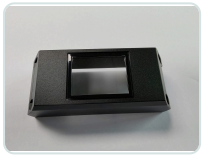
We assess your part with simulation and analysis software, combined with hands-on mold making experience.



INJECTION MOLDS

Mold concepts

We develop the mold concept and bring part designers and mold makers to the same table.



PROJECT MANAGEMENT

Sourcing and support

Through our network of suppliers and partners, we source molds and services wherever you manufacture.

APPROACH

Involved from the start

1. **Create and/or analyze the part**
   We create or review your part design. The focus is always on a part that works well in the mold and can be produced reliably.

2. **Select the mold maker**
   Long-standing relationships with our mold makers ensure perfect sourcing worldwide.

3. **Develop the concept**
   Together with the mold maker, we define the parting line, gating, slides, ejectors and cooling.

4. **Support through to SOP**
   Acceptance, tryouts, optimization and approval through to the start of production.

The key decisions are made at the very beginning of a project. That is why we prefer to be your partner right from the start.

YOUR BENEFITS

- Shorter lead times
- Savings in cost and time
- Fewer queries
- Regular progress updates
- Troubleshooting when problems arise
- Good parts, ready for assembly quickly
- Reliable, long-lasting mold
- On-site support worldwide
- After-sales service

ABOUT ME



Rainer Dangel

Managing Director
Dangel Formentechnik UG
(haftungsbeschränkt)

Trained toolmaker who went on to qualify as a master toolmaker. For 23 years, I ran my own mold shop with its own injection molding operation.

Since 2016, I have been working worldwide, from part development and purchasing to the acceptance of finished molds. My projects take me to Saudi Arabia, China, India, Italy and other countries.

My second area of expertise is training in CNC milling, from programming to machining.

TEXTBOOK · HANSER PUBLICATIONS

Scan the QR code to view and order the book from the publisher.



Spritzgießwerkzeuge für Einsteiger
3rd edition (German)
ISBN 978-3-446-46449-0



Injection Molds for Beginners
3rd Edition
ISBN 978-1-56990-911-9

OUR TECHNOLOGY PARTNERS

Many thanks for many years of very successful cooperation.

CAD/CAM system
CIMATRON

CADMOULD simulation by
SIMCON