

Kunststofftechnik Jantsch GmbH

JANTSCH



We put your ideas into best shape.

Plastics Technology

- Product developement
- Mold making
- Precision plastic parts

Our company building in Nürnberg

here.

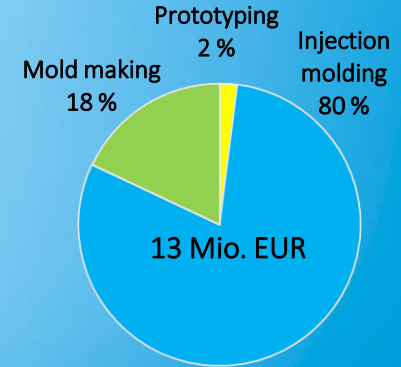


Our facts and figures

unique.



- Approx. 85 employees (state 2024)
- Approx. 13 Mio. EUR turnover (state 2024) in our three divisions:
- Long-time growth approximately 10 % per year
- ERP system **TimeLine**
MES/BDE system **ProSeS**



Our history

dynamic.



The managing directors (from left)
Dipl.-Ing. Stephan Loh,
Florence Letellier-Loh and
Dipl.-Wirtsch.-Ing. Wieland P. Loh



- 1952** Foundation as an engineering office by Ing. Franz Jantsch in Nuremberg
- 1964** Expansion by an own mold making department
- 1980** Takeover by Mr. Dipl.-Wirtsch.-Ing. Wieland P. Loh
- 1985** Relocation to Stein
- 1993** Change of the company name to Kunststofftechnik Jantsch GmbH
- 2002** Takeover of the company Siscoform
- 2005** Relocation to the current site in Nuremberg
- 2022** Handover of the management to Dipl.-Ing. Stephan Loh

Distribution of turnover by industries

diversified.



Our product portfolio

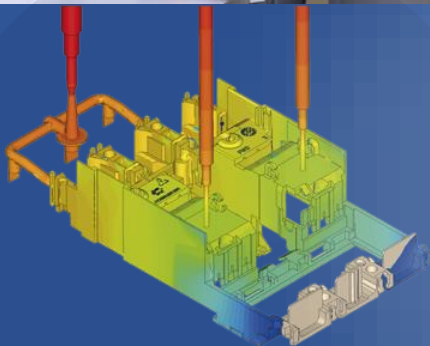


We produce **2.500** plastic parts
out of **1.200** molds

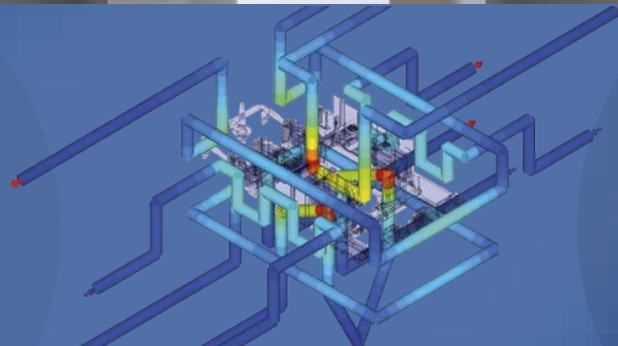
and process all common **engineering plastics** such as
PA6, PA66, ABS, PC, PBT, PET, POM, PMMA, PS, PP, PPO, TPE, etc.
but also **high-temperature thermoplastics** such as PEEK, PPS,
PPA, LCP, PEI, PES, PPSU, etc.

Our product development

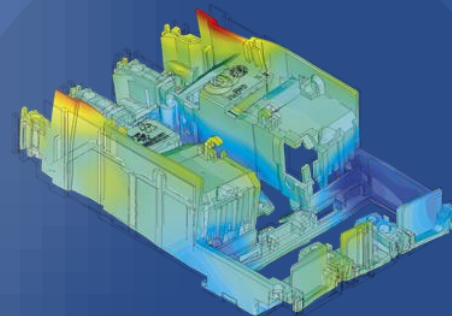
designing



Simulation of mold filling with
valve gate hot runner and
cascade system



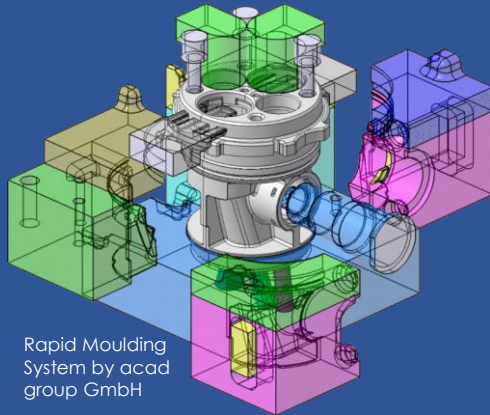
Consideration of the cooling channels to
identify hotspots and to recreate the serial
process realistically



Realistic prediction of part warpage:
Calculation of the pre-correction geometry

Our prototyping

innovative.

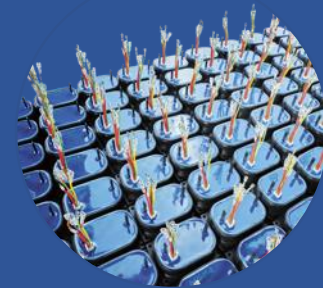


Rapid Moulding
System by acad
group GmbH



Raise3D
Pro3 Plus

- In house:
3D printing, vacuum casting,
preliminary series molds out of unhardened steel
- With partners:
Diverse additive technologies like laser sintering,
preliminary series molds out of milled aluminum



Vacuum casting of
electronic circuits with
epoxy compound in an
ESD-validated environment

Our mold making department

perfectly formed.



8-cavity injection mold with hot runner,
4 sliders, cycle time less than 6 seconds



2-cavity injection mold with hot runner,
2 sliders, 2 core pullers and overmolded
metal inserts



2-cavity injection mold with needle valve hot
runner (cascade filling technology) and 4 sliders

- Temperature-controlled workshop for highest precision
- Capacity planning and progress monitoring with **PLANTOOL**
- Part and mold design using **SOLIDWORKS**
- Programming using **MASTERCAM**
- High degree of work flow automation by **CERTA** job-management-system
- Robot infeed and removal with **EROWA** robot System

Our mold making department

perfectly formed.



Our precision

precise.

Knowledge and automation.

Our many years of experience as well as professional control of modern manufacturing methods and automated processes allow us to build high-performance molds with the highest precision.



Sinker EDM with
graphite electrodes
for highest precision

Fully automated change of
sinking electrodes and
workpieces by robot system



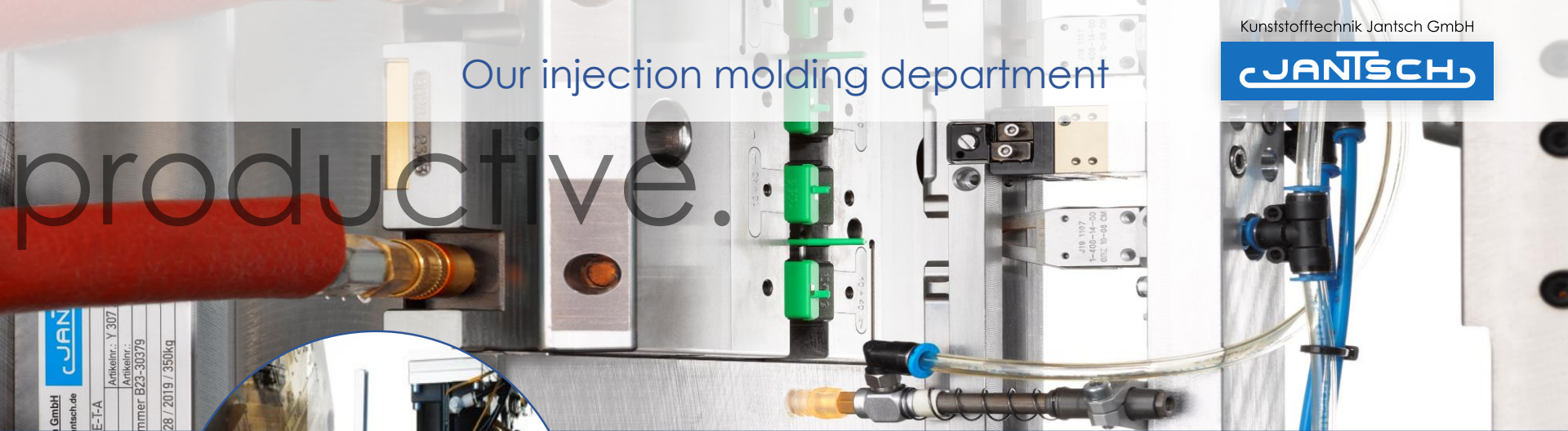
High speed milling of the
hardened inserts with
up to 42,000 rpm



High number of variants
due to interchangeable
inserts and cores

Our injection molding department

productive.



2-component production
with turntable technology

- 29 modern injection molding machines with clamping forces from 180 kN to 2,200 kN, 15 fully electric, all equipped with removal devices like multi-axis robots
- Three 2-component machines: hard/soft and two-color
- Automated feeding and overmolding of inserts
- Automated optical part inspection (camera and laser systems)
- Clean room production of optical parts

Our quality

qualitative.



Complete measurement of the component surface by 3D scan: Generation of data for mold correction using a target-actual comparison

- Zero-defect strategy (e.g. internal 8D reports)
- CAQ system: **QUIPSY**
- 3D coordinate measuring machine: **Carl Zeiss Contura G2 700**
- CNC video measuring microscope: **Garant MM1-300**
- 3D scanner: **Keyence VL-500**
- Residual moisture metering: **Aboni FMX HydroTracer**
- Certified according: **DIN EN ISO 9001, 14001 und 50001**



Quality control during production, supported by modern CAQ software



Our strengths

strong.

- Complete process chain by one partner (design to series production)
- Products of high quality at current state of technology
- Technical and economic consulting
- On time delivery
- Modern plant and machine equipment
- Highly motivated and qualified employees

Our contact persons

Management



Dipl.-Ing.
Stephan Loh, MBA
CEO



Florence Letellier-Loh
CEO



Dipl.-Wirtsch.-Ing.
Wieland P. Loh, M.Sc.
Advisory Board



Sebastian Thomann, M.Sc.
Head of Sales,
authorized signatory



Michael Reuter
Sales



Florian Kleeberg
Sales

Mold making



Jörg Huber
Head of Mold making



Martin Gronauer
Head of Design



Thomas Wirth
Operations Manager



Bassam Hamasaeed
Head of Production

Quality management



Thomas Fischer
Head of Quality management



Dipl.-Ing. Helena Heier
Quality management

We put your ideas into best shape.

Thank you for your interest in us
and we are looking forward to our cooperation.

Your entire Jantsch team.

www.jantsch.de