

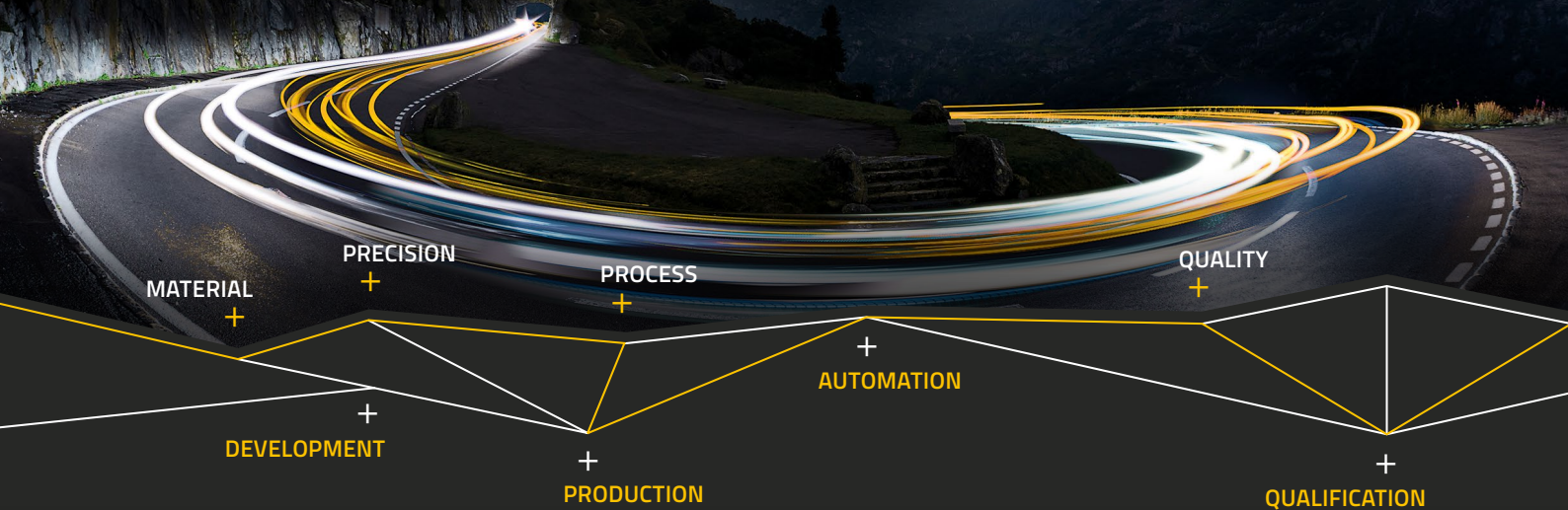
Pace Maker for High-End- Precision Parts

+



Sprint to the finish line
with our consulting service!

A dedicated point of contact for your enquiry:
www.toolcraft.de/en/sprint-to-the-finish-line



GENERAL INFORMATION

- + Medium-sized family-owned company
- + Founded in 1989 by Bernd Krebs
- + Manufacturing of precision parts, assemblies, moulds, injection moulded parts and individual automation solutions
- + Creative total solutions by innovative power realised with a modern machine park
- + High rate of certification for several sectors

CERTIFICATES

- + DIN EN ISO 9001
- + DIN EN ISO 14001
- + EN 9100
- + DIN EN ISO 13485
- + Nadcap WLD (AM)
- + Nadcap NDT (FPI)
- + DIN EN ISO 3834-2
- + TÜV Rheinland DGRL 2014/68/EU
- + "Umwelt- und Klimapakt"
- + "Familienpakt Bayern"

AWARDS

- + 2021: Stäubli Robotics Award
- + 2019, 2010: ZEISS Supplier Award
- + 2019, 2016, 2013: "Bayerns Best 50"
- + 2018: ZIM Project of the Year
- + 2017: n-tv Hidden Champion Award (3rd place)

TECHNOLOGIES

- + Additive Manufacturing
- + Robotics
- + Machining
- + Injection Moulding and Mould Making

INDUSTRIES

- + Medical industry
- + Semiconductors industry
- + Aerospace
- + Security
- + Energy and electrical engineering
- + Automotive, vehicle technology and motorsports
- + Optical industry
- + Special machinery manufacturing

CHAIRMAN OF THE SUPERVISORY BOARD

- + Bernd Krebs

MEMBERS OF THE SUPERVISORY BOARD

- + Karlheinz Nüßlein
- + Christoph Hauck
- + Marc Volkhardt

FACILITIES

- + Georgensgmünd
- + Spalt

PARTNERS

- + unicom Software GmbH
- + YPTI Indonesia
- + Wohlrab Aufdampftechnik GmbH
- + TRUMPF GmbH + Co. KG
- + Siemens Digital Industries Software
- + Technical institutions and universities



With toolcraft by your side as a technology partner, you can unleash the power of innovation in the manufacture of high-end precision parts.



ADDITIVE MANUFACTURING

toolcraft uses lasers to melt down high-performance metal powders layer by layer or applies them with a powder nozzle.

MACHINES

- + 10 L-PBF machines (powder bed)
- + 3 LMD machines (powder nozzle)

MATERIALS

- + Aluminium and titanium
- + Nickel-based alloys
- + High-grade and tool steels
- + Copper alloy



ROBOTICS

We build flexible and universally applicable integration solutions for our customers.

BENEFITS

- + Everything from one source
- + Offline programming
- + Flexible production

SERVICES

- + Individualised machining and automation solutions
- + For diverse branches and application fields
- + On-site technology research center



MACHINING

Our use of up to 9-axis machining technology and angle heads is just one example of our innovative strength. We cover the entire process chain, from the certified procurement of high-quality raw materials to the technical cleaning and packaging of your components.

MACHINES

- + Over 40 CNC-controlled milling machine centres (max. 2100x2100x1250 mm)
- + 14 CNC-controlled turning- and milling machine centres (max. Ø 800 mm)
- + Vacuum furnace, convection furnace
- + Cleaning station

MATERIALS

- + Nickel-based alloys
- + Titanium and aluminium alloys
- + Stainless steels
- + Mono-crystalline materials



INJECTION MOULDING AND MOULD MAKING

Our holistic solutions cover moulds and injection moulded parts in the small and miniature component ranges.

MACHINES

- + 30 Injection moulding machines, thereof two 2K machines (150 to 2200 kN)
- + 1 Liquid silicone machine (1200 kN)
- + 18 CNC-controlled milling machine centres (max. 1000 x 600 x 550 mm)

MATERIALS

- + All standard commodity and engineering thermoplastics
- + High-temperature resins
- + Thermoplastic elastomers (TPE)
- + Liquid crystal polymers (LCP)
- + Liquid silicone materials



MEASURING AND TESTING

A highly qualified team tests your parts with advanced technology.

MACHINES

- + 10 Tactile measuring machines
- + 4 Optical measuring machines
- + 2 Systems for non-destructive surface testing
- + 2 Laser engraver
- + 1 Dot peen marking machine
- + 1 Computer tomograph
- + 1 Universal hardness tester

SERVICES

- + AM specific quality assurance
- + Special tests according to customer specifications
- + Reverse engineering
- + Laser marking and dot peen marking