

55 years ZETTERER We get everything into shape

"Others call it precision and efficiency. We call it our daily business."









SPARE PARTS MANAGEMENT

24-HOUR SERVICE

24/7 spare parts management at your site! spare parts management for die-casting moulds, deburring tools and fixtures.





professional team is required. We meet these requirements with precision and over 55 years of practical experience.

You can rely on our professional advice as well as on the high-quality repair of your tools - and this under time-critical conditions

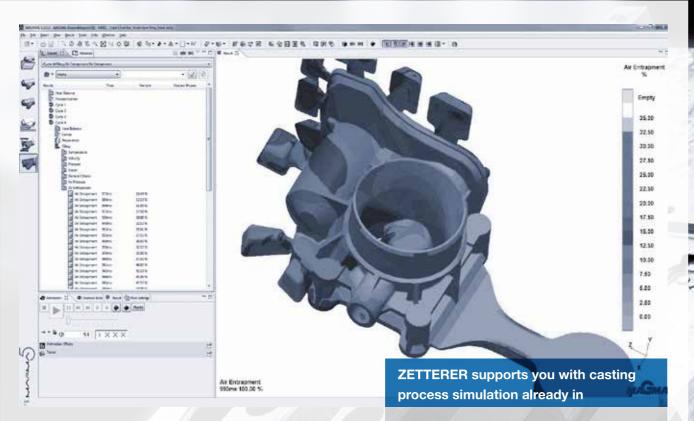
BENEFIT FROM OUR FIVE STRONG SERVICES:

- Pick up
- Repair Specification
- Welding
- Milling
- Delivery

REPAIR SERVICE

OF THE HIGHEST STANDARD





CASTING PROCESS SIMULATION

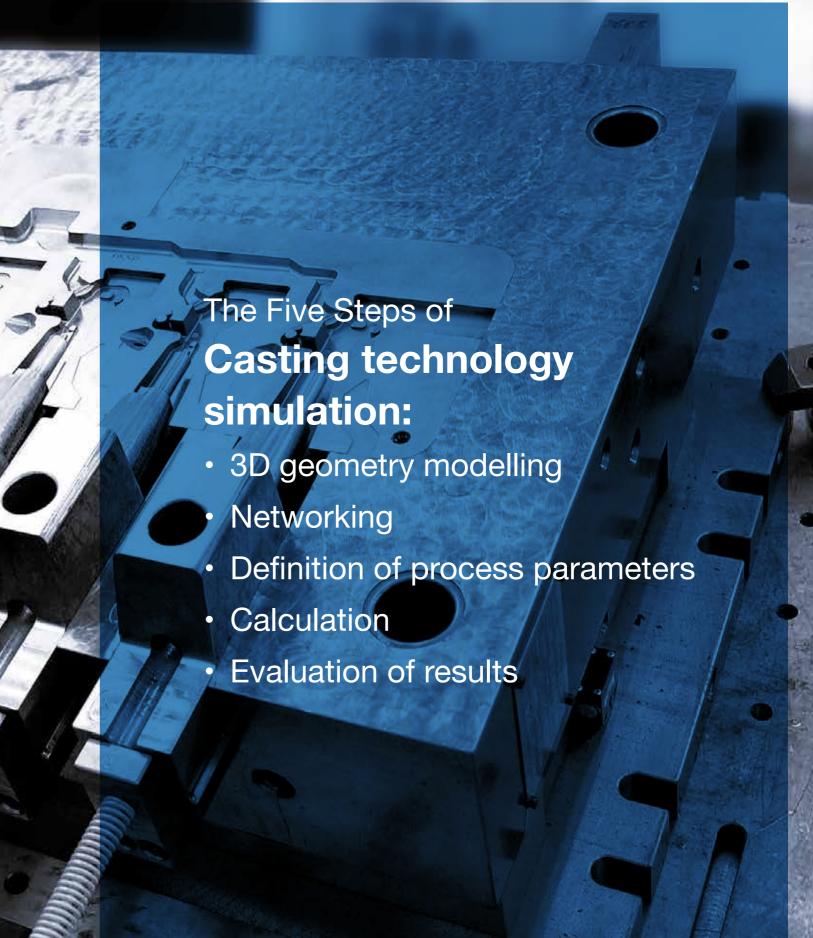
REDUCE COSTS, INCREASE PRODUCT QUALITY the earliest phase of the die design. This is the only way to maximise the results that can be achieved through simulation. Virtual casting enables foundries to reduce costs and increase product quality.

ADVANTAGES OF CASTING TECHNOLOGY SIMULATION:

- · Optimisation of temperature conditioning
- Cost-saving optimisation already during simulation
- · Reduction of production waste
- · Increasing the service life of your tools
- Casting process becomes more transparent

CASTING PROCESS SIMULATION

Foundries use casting technology simulation to create decisive competitive advantages over their rivals.





3D CONSTRUCTIONS

RELIABLE AND COMPETENT

we process native CAD data without conversion. Of course, we also have access to all common interfaces such as IGES, STEP, VDA, SAT, Parasolid or STL.

We place particular emphasis on cost minimisation by testing technical details in the CAD system by means of simulation.

ZETTERER works in the system of your choice: Siemens NX Solidworks ProENGINEER Autodesk Inventor

CATIA V5



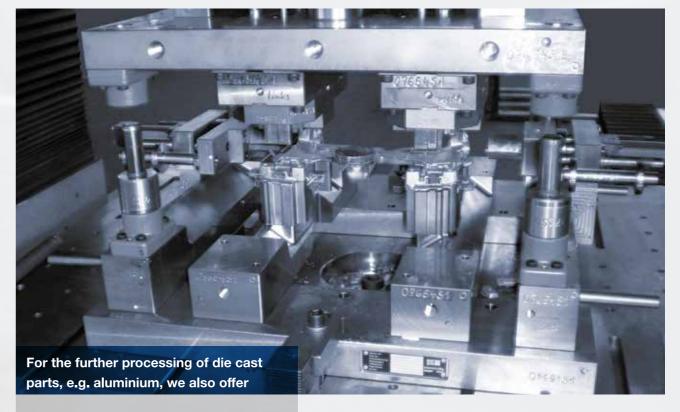


MOULD MAKING

WE GET EVERYTHING INTO SHAPE

Of course, our company also covers the complete spectrum of modern mould making in Rapid Tooling. Characteristic for Rapid Tooling is a modular tool design based on the production-ready CAD data of the components.

From the smallest mould to the 10 tonne mould with dimensions of 1300x1100x1000mm, we are the perfect partner for you.



the necessary punching and deburring tools. You receive everything from a single source, from the die-casting mould to the deburring tools to milling and machining devices.

TOOLMAKING

55 YEARS OF TOP QUALITY



METALWORKING

CONTRACT MANUFACTURING MADE IN GERMANY

"workbench" for the development departments of almost all the industrial sectors such as mechanical engineering, motor sports, medical technology, aerospace, mould and tool making.

The lot sizes range from one piece to small series production.



with precisely defined grain sizes and geometries are blasted onto the surface of the workpieces using compressed air. During this process the microtopography is specifically influenced. Textures are removed from the surface, it is cleaned, compacted and, if necessary, tribologically effectively modified.

Thus the characteristics of a number of materials are significantly improved.

Friction, wear, emergency running characteristics and rust can be optimised.

With injection moulds and elastomeric moulds, demoulding is better facilitated and the tendency to fouling is reduced. In addition, microblasting is an exemplary process for the production of high-class surfaces, before polishing, before surface refinement (e.g. ion implantation), PVD/

CVD coating or as a primer for the build-up of a non-stick coating.

MICROBLASTING

THE PROVEN FINISHING PROCESS



LATEST TECHNOLOGY.

INNOVATIVE THINKING, RELIABLE ACTION!

Our high demands on ourselves allow only optimum products to leave our house.

Quality assurance is particularly important to us.

We have all the important manufacturing processes at our disposal, such as CNC turning, CNC milling, HSC milling, wire and die-sinking EDM, round and flat grinding and of course 5-axis milling.

We process parts of up to 6 tonnes in weight and 2400x1100x900mm in size on 3 axes, as well as parts with 1200x1200x800mm from all 5 sides. 5-axis simultaneous machining of components of 1100mm diameter and 1600 kg weight is possible.





PLANT I

LOCATION ROTH-UNTERHECKENHOFEN We rely on heat recovery in our fully air-conditioned company, because we are also aware of our responsibility to environmental protection.

As a future-oriented company, we also face up to our overall social responsibility

This includes the training of young people. In this way, we guarantee that our state-of-the-art equipment is operated by specialists trained directly in our company.

Since 1965, we have trained 2 to 3 young people a year and have also taken most of them on at the end of their training. We currently supervise 5 trainees in the professions of mould maker, technical draftsman and office clerk.



Cost-effective production on 700 sqm in the factory in Rednitzhembach on stateof-the-art CNC machining centres.

CNC PROCESSING

CNC machining according to 3D model of mould plates up to 1200x1000x500mm and 3 tonnes weight per plate. Deep hole drilling up to 1000mm from one side.

CNC machining according to 3D model of ejector plates, base plates, intermediate plates, slide guide rails, slide plates, slide bodies, slide locks and all other body parts.

CAD/CAM

Native data from Catia V5, ProE Creo, Siemens NX, Solidworks and Autodesk Inventor can be processed. Conversion of data to Step, Parasolid and IGS.

PLANT II

LOCATION REDNITZHEMBACH



