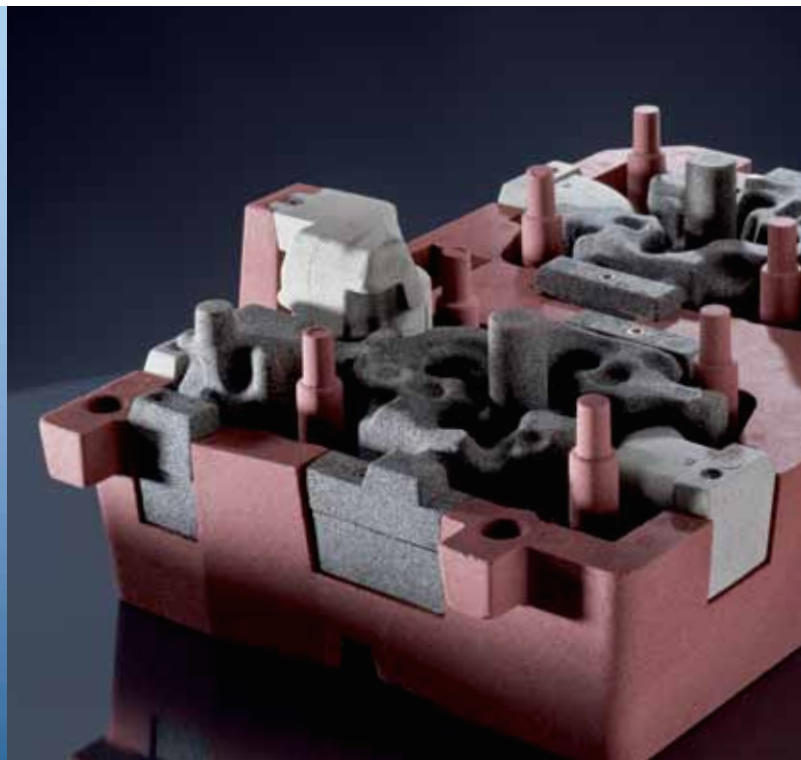




From prototype to series production

# Core production by specialists



**ASKCHEMICALS**  
We advance your casting



# Your expert partner for core production

ASK Chemicals CoreTech works hand-in-hand not only with the foundry industry as a whole, but also with leading automobile and commercial vehicle manufacturers. We are an efficient, certified core manufacturer who develops practical solutions in close cooperation with our customers in the event of capacity bottlenecks or special core geometries.

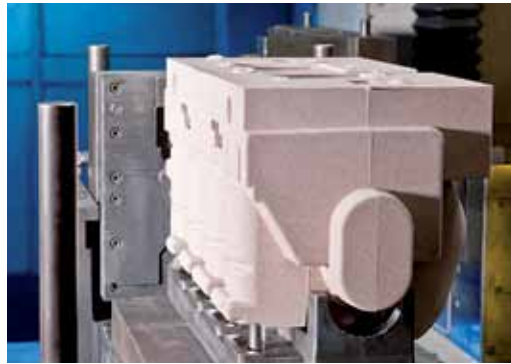
Our range of services covers production prototypes and project series as well as fully automatic complete manufacturing and individual just-in-time logistics solutions.

Synthetic resin-bonded sand cores are produced using the Cold Box, Hot Box, Croning®\* and inorganic manufacturing methods. Our production facility in Moosburg manufactures sand cores with our environmentally friendly INOTEC™ technology.



\*Croning® is a registered trademark of ACTech GmbH.

# Prototypes and projects



## The complete process chain from a single source

Creating a new casting quickly and reliably, under considerable time and cost pressure, requires one thing above all else: a highly professional, flexible partner who stands by your side from the outset and through all the phases of project development. One of the core competencies we enjoy as such an expert partner is developing tool concepts from the initial idea right through to the perfect casting. And as a customer, you receive services from a single source quickly, reliably and with a very high level of expertise.

With direct support from our design services group, we offer total solutions from concept to completion. We are able to work from engineered drawings through to casting and testing in our design-to-manufacture process.

## Our services

- Production of **core prototypes**
- Optimization of established **processes**
- **Run-off** and **validation** of customer **core boxes**
- Packaging and logistics concepts
- **Total solutions from concepts to completion** thanks to our **design-to-manufacture process**
- **Analysis of customer CAD data to provide the best solution**
- **Filling** and **solidification** profile modeling
- **Core process simulation**
- **Provision of a viable** and optimized **tooling design concept**
- Ability to **provide prototype castings**
- Launch support

# Series production



## Mechanical, partially automated or fully automated

Series production of complex cores can have vastly differing requirements.

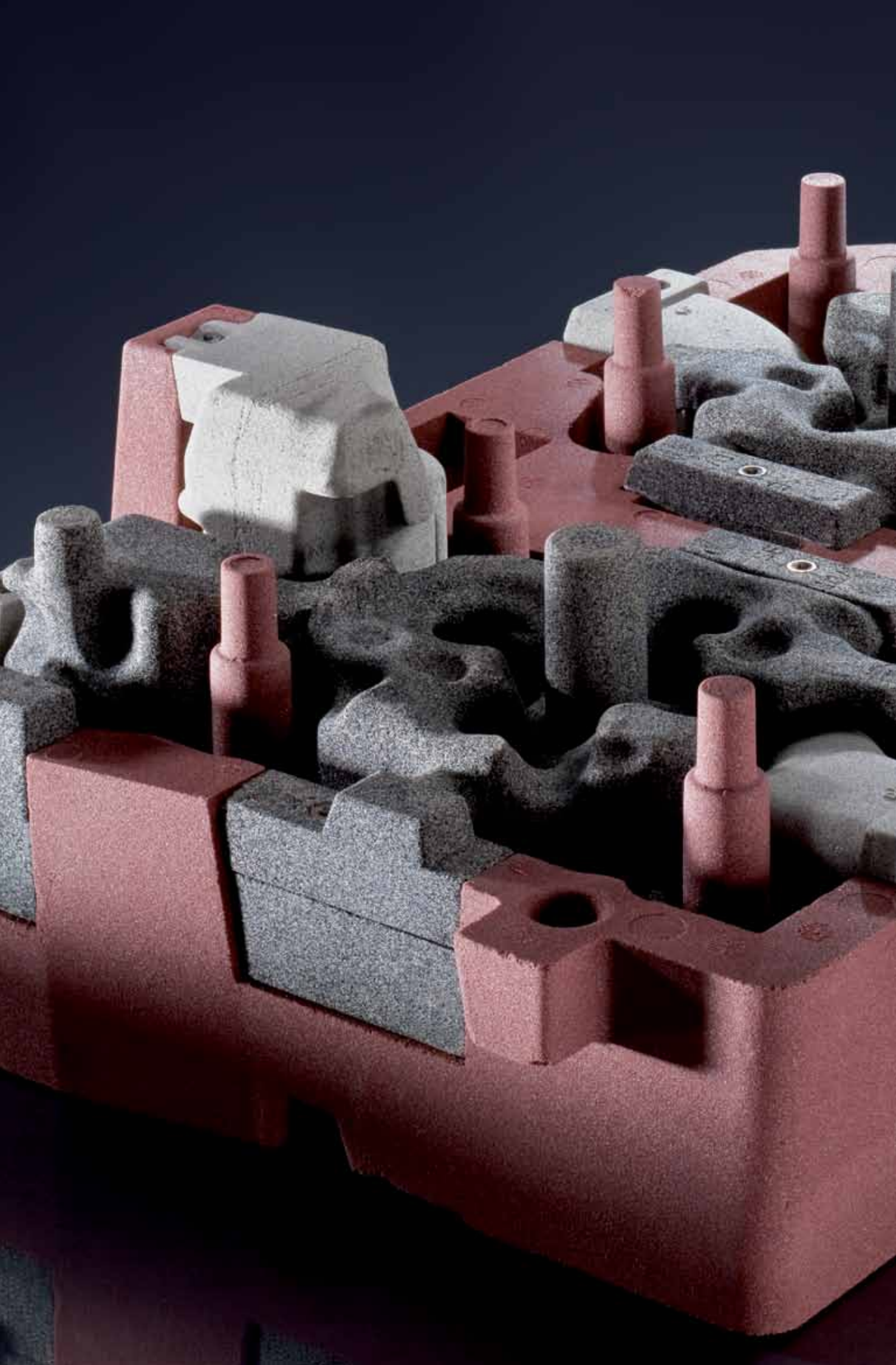
Thanks to our many years of experience and excellent technical equipment, we can create a very wide range of differing formulations for iron and non-iron casting. High flexibility in using sand types, binders and coatings is an outstanding feature of our portfolio.

Our latest investment – one of the most modern furnaces you will find in a core shop – guarantees maximum flexibility for drying technology.

Whether we are dealing with a small series, a large series or a fully automated complete series, the certified quality assurance, the latest testing and dosing technology and a first-class range of logistics services meet the most stringent requirements.

## Our services

- ▶ Very broad **formulation expertise**
- ▶ Computer-controlled, ultra-modern **mixing** and **dosing technology**
- ▶ Latest **testing** and **laboratory technology**
- ▶ Certified **quality management**
- ▶ **Just-in-time**-delivery thanks to a **complete range of logistics services**
- ▶ **Inexpensive, customized** and **quick solutions**
- ▶ **Decentralized manufacturing facilities**
- ▶ Innovative **furnace technology** ensuring **maximum flexibility**

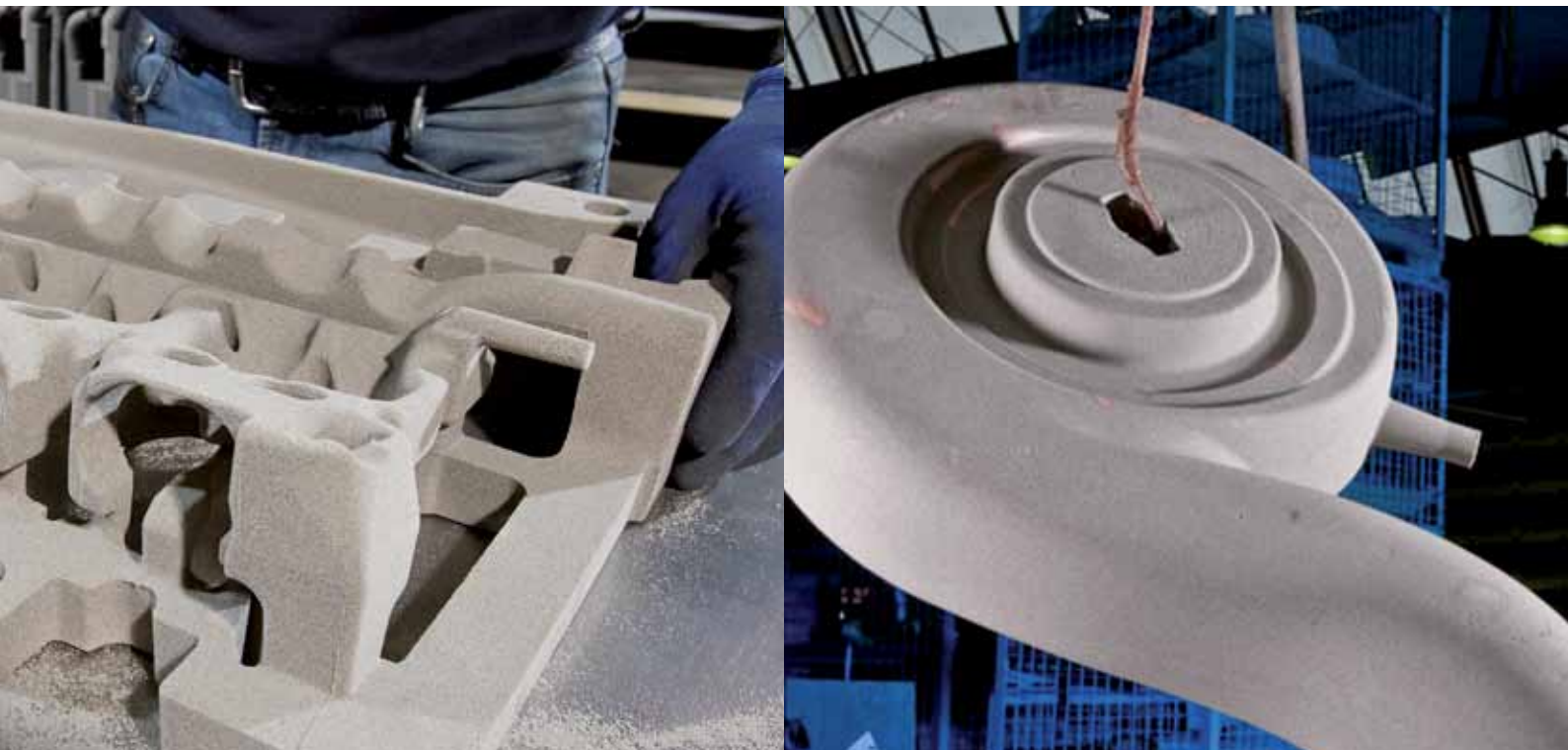


From the prototype to series production

# Core production by specialist

Your benefits at a glance

- **Many years of experience** in various core manufacturing methods
- **Safety and efficiency** thanks to highly specialized technical experts
- **From prototype to large series** – complete technical equipment and performance capability for your individual requirements
- **Expert consultancy service** right from the development phase
- Clear **cost-benefit philosophy**
- Quality management throughout the manufacturing phase to ensure **premium product quality**
- Excellent ecology and economy thanks to **trend-setting product and process expertise**



This information is based on our current state of knowledge and does not represent assurance of the properties of the products described. We are liable for product-related advice and information only as part of an obligation to inform contained in collateral contractual agreement, unless expressly agreed otherwise. (08/13)

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