

# Innovation Inside

Being at the forefront of technology -  
that's the ambition of the HA Group



Metallurgical Consulting

Cold-Box Binder

Extended Services



Simulation

3D Printing

Parting Agents

No-Bake

Resin Coated Sand

Center of Competence

# Products and Services

ha-group.com

Emission Reduction

Joint Development

Non-ferrous Products

Refractory Coatings

Prototyping

Feeding Systems

Special Sands

Inorganic Binder

Process Optimization



## Modern Foundry Chemistry

HA was one of the first companies in the foundry industry to recognise the significant opportunities provided by environmental protection. This is why we systematically promote product developments that protect the environment. We research and develop materials that help our customers to reduce emissions from their production processes and to recycle materials. Of course, this should not be at the expense of product quality, productivity or efficiency in production.



Innovation is one of the key factors to maintaining a competitive edge. The challenge for our Research & Development is to develop innovative technologies and meet even higher customer expectations. Our state-of-the-art laboratory in Hannover is the central location for basic research, application development and analytics. In this inspiring environment, up to 50 highly qualified R&D employees research, test and actively exchange ideas.

the path from prototype to series production. The CoC's wide range of services cover literally everything that a foundry would have great difficulty implementing during series production. The HA Center of Competence is equipped with pilot and industrial plants which reproduce almost all of the process steps within a foundry, including mould making, 3D printing, simulation and casting.

Functioning as an extended arm of the foundry industry, HA, with our Center of Competence (CoC) and sophisticated service concept, shortens

Explore the inventive foundry chemistry and learn more about our global solutions at: [solutions-inside.ha-group.com](https://solutions-inside.ha-group.com)

## About HA Group



The HA Group is a leading international manufacturer of chemical products for the foundry industry, with head office in Düsseldorf, Germany. Almost 1500 committed employees in more than 30 countries develop and produce foundry chemical solutions for all common core and mould-making processes for customers around the world. Parts cast using HA binder systems are the core components

in a wide range of products, including car engines, wind turbines and industrial machines.

Products such as inorganic and organic binders, coatings, feeding systems and many other auxiliary materials are just one side of the medal at HA Group. The company also offers innovative value adding services – worldwide and close to the foundries.





## Corporate Responsibility

Whether we are a supplier or a consultant, an employer or a neighbour: We bear responsibility. Our actions are based on the responsible interaction with people and our natural resources.

Our aim is to achieve the highest possible product quality – with every new development, with the HA systems used around the world every day, with every batch. We combine our experience and special knowledge of foundry chemistry acquired over many decades with entirely new approaches and intensive research. In cooperation with our customers we design even more efficient and environmentally friendly foundry processes.



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## Sustainability

For many decades, the HA Group has assisted the foundry world with efficient products and processes. We are preparing for tomorrow's challenges by:

- Intensive research in the field of sustainable and environmentally friendly binder systems
- Advanced research equipment
- Close cooperation with universities and institutes
- Substantial investment in new production lines
- Optimization of processes by application of latest digital technologies

**Your local HA partner will be pleased to provide you with detailed information about our new developments and their individual applications:**  
**[ha-group.com](http://ha-group.com)**

## **HÜTTENES-ALBERTUS**

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