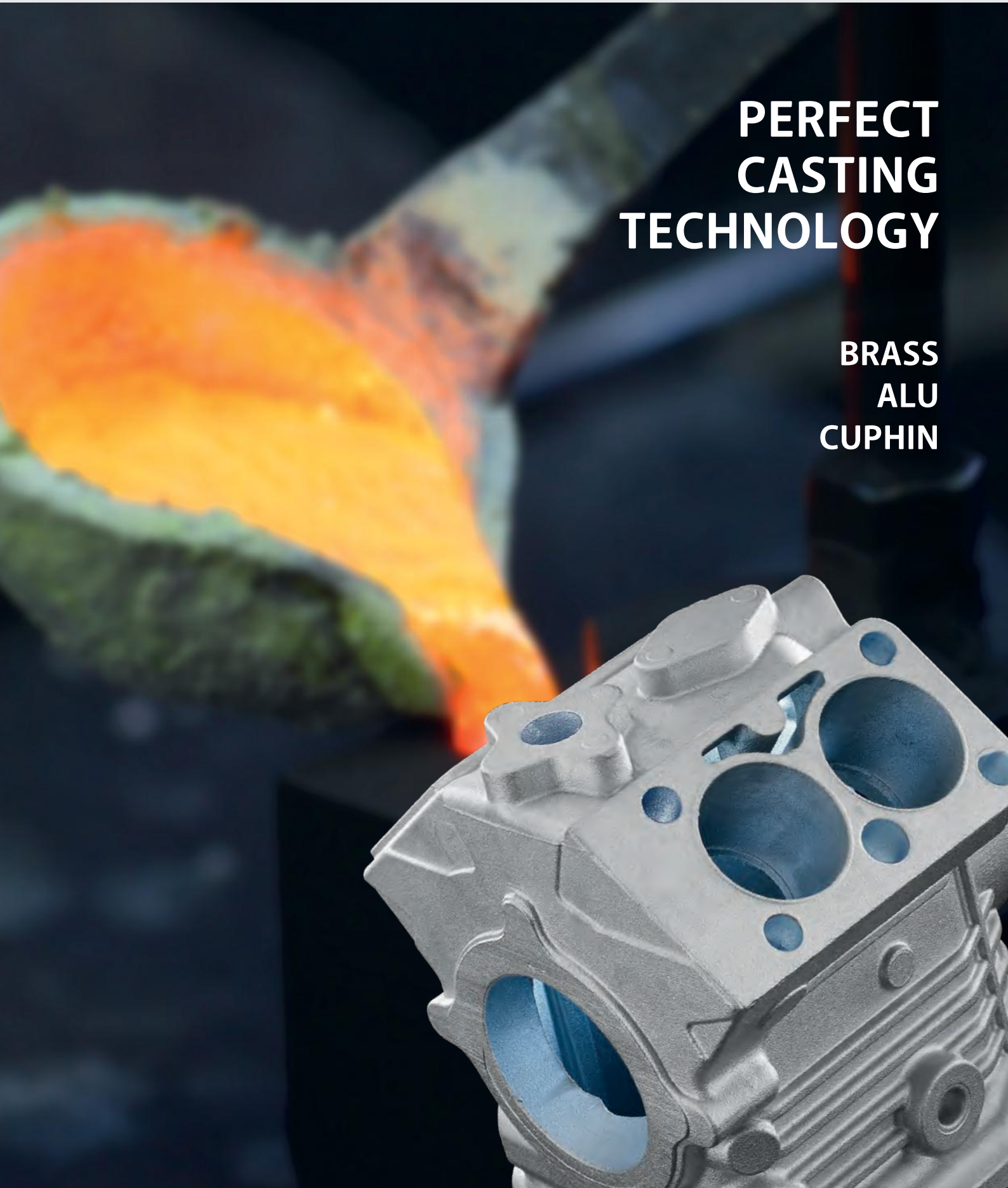
WWL
KOKILLENGUSS

PERFECT CASTING TECHNOLOGY

BRASS
ALU
CUPHIN





COMPANY

The Walter Wagener Company has been producing innovative product solutions in die casting since 1954. Today, we are among the few specialists who process not only brass and aluminum, but also the material Cuphin. We have been ISO 9001:2015 certified since 2016 and manufacture aluminum and brass cast parts, using the gravity die casting process.

Our clients include renowned companies from various industries. For the production of casting molds or models, we have our own tool shop to transfer your drawings or 3D models into casting tools. Even after the casting process, a variety of further processing steps such as turning, milling, leak testing, mechanical processing and all complete assembly work are available to you.





CUSTOMIZED SOLUTIONS

For us, the production of a cast part represents the individual implementation of customer-specific product solutions. Only once all questions have been resolved, will we start with the computer simulation.
Thus, we can quickly, cost-effectively, and effectively implement the required customer requests. In this context, it is particularly important to consider aspects of the material, further processing, and subsequent use. Based on our years of experience in foundry technology, we are your capable partner when it comes to the economical development and effective implementation of innovative product solutions.













TOOL MAKING

Having an in-house tool manufacturing is beneficial for a smooth production process and the guarantee of absolute top-quality products. Our toolmakers, equipped with the knowledge of foundry experts, build highly precise tools, and maintain them perfectly during production. This way, we always ensure technically flawless production and a perfect quality standard.

ASSEMBLY MANUFACTURING

The possibility of complete assembly production is also part of our service portfolio. You will receive a complete service from a sole source and have only one contact person for all work steps to be performed. Our experienced employees work carefully and precisely. Additional quality controls ensure a consistently high-quality final product, saving time and cost.

QUALITY ASSURANCE

All our products undergo strict quality control before they are finally delivered. From spot checks to 100% control, we offer you comprehensive quality assurance measures. Since 2016, we have been certified according to DIN ISO 9001:2015.
Of course, we also conduct internal audits with our customers at any time.

FOUNDRY & FURTHER PROCESSING

The requirement for modern manufacturing Is a machine park that corresponds to the latest technical standard. We are constantly investing in more efficient systems, which has a positive impact on the quality of our products and the speed of our production. Our employees also continuously enhance their qualifications through training and further education, thus they are always up-to-date with the latest in die casting technology.
After the casting process, we can offer you further processing steps for your product. Depending on the requirement, we deliver to you a finished product. Turning and milling are just a few examples of our production depth. Additionally, we also offer you the service of complete assembly manufacturing.





PRODUCTION

The preliminary stage of our foundry is the core making department. Nested core elements are produced here for particularly demanding castings. Through incoming goods inspections and test protocols, we ensure production safety and high manufacturing quality.

Our automatic mold casting plant is from the latest generation and at the latest technical level. Translation This way, we can guarantee a smooth and efficient production and are able to cast various materials and alloys such as aluminum, brass, and cuphin. Final functional tests ensure the high quality standard of our die casting products.

BRASS CASTING

processed in the gravity die casting method. We have also been working with brass since the foundation of our company in 1954. Accordingly, our knowledge and experience around this material is extensive.



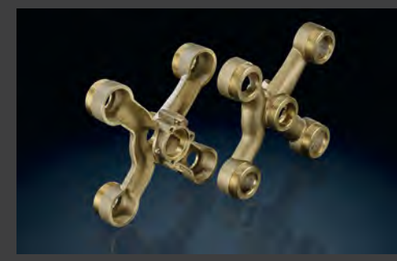
ALUMINIUM CASTING

Aluminum places special demands on gravity die casting and material knowledge. Compared to other metal parts, aluminum parts can save weight while still achieving high strengths. Our aluminum cast parts are used in a wide range of industries.



CUPHIN

After intensive preparation work, we have managed to cast the new material CUPHIN for almost all conceivable shapes and applications. We are among the few companies in Germany that have thoroughly engaged with the material and are already meeting the new processing require-ments today.









INDUSTRIES

Our castings are used in a wide range of industries. This is thanks to the versatility of our manufacturing processes, our more than 60 years of experience in permanent mold casting, and our extensive expertise in aluminum, brass, and Cuphin. This enables us to deliver customized solutions for a wide variety of technical requirements.



MECHANICAL ENGINEERING

In mechanical engineering, precision, dimensional accuracy, and durability are crucial. We manufacture high-quality castings that can withstand even high mechanical stresses and function reliably over the long term.



CONSTRUCTION

Components used in the construction industry must be robust, durable, and weather-resistant. We manufacture dimensionally accurate castings that perform reliably even under demanding operating conditions.



REFRIGERATION AND AIR CONDITIONING TECHNOLOGY

Temperature fluctuations, pressure loads, and long operating times place high demands on components used in refrigeration and air conditioning technology. We supply precision castings for reliable and durable applications.



DEFENCE

The defense industry demands the highest standards of precision, durability, and reliability. We manufacture high-quality castings for demanding and safety-critical applications.



RAIL CONSTRUCTION

Components used in rail construction must withstand heavy loads, vibrations, and the elements. Our precise and durable castings meet the requirements of demanding applications in the rail industry.



DENTISTRY

In dentistry, precision and reliability are particularly important. Using the corrosion-resistant material Cuphin, we manufacture robust, high-quality castings for precision instruments and dental equipment.



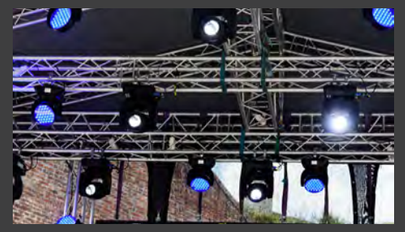
CATERING

Equipment used in the food service industry is often exposed to high temperatures and constant wear and tear. Our robust cast parts ensure reliable performance and durability in daily use.



ARMATURES

In the field of valve manufacturing, corrosion resistance, pressure resistance, and dimensional accuracy are crucial. With aluminum, brass, and Cuphin, we offer suitable cast component solutions for a wide range of applications.



MULTIMEDIA

Housings and components for audio, video, and transmission systems require a high degree of dimensional accuracy and a precise fit. We manufacture precise and robust castings for demanding technical applications.



ELECTRIC ENGINEERING

In electrical engineering, reliable heat dissipation, high load-bearing capacity, and precise housing solutions are essential. We manufacture high-quality castings for applications in power electronics and electric mobility.

WWL
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