



Our specialists:



Michael König
General Manager
Phone: +49 2428 813101-10
Fax: +49 2428 813101-90
Mobile: +49 1523 8952360
michael.koenig@wuxicastfoundry.com



Rene Laubisch
Proxy | Head of Calculation-dept.
Phone: +49 2428 813101-20
Fax: +49 2428 813101-90
Mobile: +49 177 8345852
rene.laubisch@wuxicastfoundry.com



Lennon Bruno de Sá
Quality Department
Phone: +49 2428 813101-30
Fax: +49 2428 813101-90
Mobile: +49 173 5349331
lennon.bruno-de-sa@wuxicastfoundry.com



Daniel Kort
Warehouse | Logistic
Phone: +49 2428 813101-0
Fax: +49 2428 813101-90



Thorsten Krämer
Sales Representative, Construction
Phone: +49 2428 813101-10
Fax: +49 2428 813101-90
Mobile: +49 172 6992566
thorsten.kraemer@wuxicastfoundry.com



Nadja Mies
Sales Representative
Phone: +49 2428 813101-10
Fax: +49 2428 813101-90
Mobile: +49 172 8174455
nadja.mies@wuxicastfoundry.com



IBMB - Ingenieurbüro Meinus UG Berlin
Wolfgang Meinus
Mobile: +49 1577 1726139
ingenieurbuero@meinus.com



SFF Automotive
France, Belgium and french Switzerland
Franck Altenbourger
Phone: +33 179871895
Mobile: +33 687750367
f.altenbourger@sff-automotive.com



Headquarter Wuxi Cast GmbH
Talbenden 8 | D-52353 Düren | Germany
Tel: +49 2428 813101-0 | Fax: +49 2428 813101-90
info@wuxicastfoundry.com

www.wuxicastfoundry.com



Weijie Zhu
General Manager
Phone: +49 2428 813101-0
Fax: +49 2428 813101-90
info@wuxicastfoundry.com



Evelyn Hekkel
Trainee as management assistant in wholesale and foreign trade
Phone: +49 2428 813101-50
Fax: +49 2428 813101-90
evelyn.hekkel@wuxicastfoundry.com



Philipp Kratz
Quality Department
Phone: +49 2428 813101-40
Fax: +49 2428 813101-90
Mobile: +49 174 1973673
philipp.kratz@wuxicastfoundry.com



Fernando Kreuz
Warehouse | Logistic
Phone: +49 2428 813101-0
Fax: +49 2428 813101-90



Markus Pacem
Sales Representative, Construction
Phone: +49 2428 813101-10
Fax: +49 2428 813101-90
Mobile: +49 162 4025849
markus.pacem@wuxicastfoundry.com



IndVAS Industrievertretung
Southern Germany, Austria and Switzerland
Achim Schneider
Mobile: +49 151 74126175
info@indvas.de



Range of services

Anyone can trade in casting and steel. We at WCF show you the difference!

Customer advice and support

WCF advises all customers with respect to the design and choice of material, as well as the best manufacturing process, in Germany and internationally.

Customer advice and support worldwide

For most companies, a globalised world is an great challenge. We guarantee on-time delivery at good conditions to our customers outside Europe as well. WCF will not shy away from any new challenges beyond our national borders.

Design

All components to be supplied are designed by WCF in 3D. We use Solidworks. Customer records can be processed in the most common formats such as *.igs, *.step, *.dwg, and *.dxf.

Modelling

Models of all grades and materials, such as wood, plastic, or metal are used to manufacture WCF components.

Manufacturing process

WCF supplies components from investment casting (lost-wax process), green sand casting, machine- and hand-moulded, centrifugal casting, hand moulding using the no-bake sand moulding and lost form processes.

Vertical integration level

WCF supplies raw cast components, pre-machined components, and finished components. Individual components from individual manufacturing processes can be welded together to form complex components.

Quality assurance

Before the products are shipped from WCF, tests such as VT testing, dimensional inspection, PT testing, MT testing, and even an X-ray can be performed. Reports and certificates for the tests are created for documentation and traceability.

Materials

WCF supplies all common materials, such as: grey cast iron, nodular cast iron, unalloyed, low-alloy, and high-alloy steel castings, and special materials such as cobalt-based and nickel-based materials.

The company

WCF IS YOUR RELIABLE PARTNER FOR HEAT-RESISTANT CASTINGS WITH INDUSTRIAL DEMAND.

The Wuxi Cast Foundry, or "WCF" for short, is a German company that deals with steel, grey and nodular cast iron, with core competence in heat-resistant stainless steel casting.

The company was founded in 1996 by Mr Weijie Zhu, who successfully established one of the largest non-governmental foundries for heat-resistant stainless steel castings (Wuxi Cast China).

Wuxi Cast China has invested heavily in environmental and occupational safety. Much of the hard physical work has been automated to relieve the workers in the foundry and achieve greater efficiency. This combination produces a very high quality that can be relied on any time.

Mr. Weijie Zhu knew that starting a company in Germany would make sense only if he could put together a team of experienced and technically skilled employees.

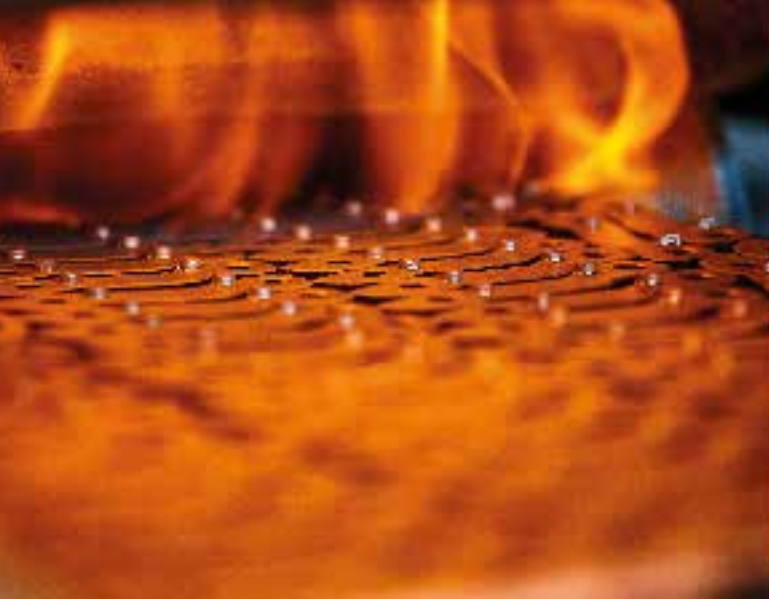
For this reason, the WCF team consists of people who have been involved in the German and European foundry markets for decades.

WCF also has a worldwide supplier base that can produce almost any material, unit weights, and geometries. But our focus continues to be on our business with heat-resistant stainless steel castings. WCF has devoted itself entirely to the business of casting and is prepared to face every challenge.

"Our unique combination of German engineering and Chinese tradition enables us to provide you with products of the highest quality – Made in China with the demand of German engineering."

Michael König - Founder

DEVOTED TO CASTINGS



Hardening industry

The heat treatment of steel, aluminium, or even titanium is becoming increasingly important in mechanical engineering, since machines are becoming smaller and lighter, but still have to absorb ever greater forces.

Since every component is subject to different stresses, the hardening process must match precisely. We at WCF offer individual advice on heat treatment for all areas of industry. With a view to an optimal result, particular value is placed on personal, project-related, and individual advice.

WCF is one of the market leaders in the field of design and delivery of charging equipment for heat treatment as well as for spare parts for all common heat treatment furnaces. In close cooperation, we develop and manufacture castings from heat-resistant cast stainless steel. Our great strength is the new construction and optimisation of charging equipment, as well as the selection or improvement of the right material for the appropriate use.

Our product range comprises:

- Base trays
- Stacking trays
- Support trays
- Stacking trays
- Guide trays
- Supports
- Crossbars
- Crossbars
- Charging baskets
- Trays
- Completely assembled charging racks
- Tooth receiving bars
- Dummies to empty the pusher furnaces
- Wire mesh inserts
- Expanded metal

Industrial furnace engineering

Industrial furnaces are used in a wide variety of fields, but are always subject to demanding underlying conditions. For this reason, many components are made of heat-resistant stainless steel casting. Together with our customers, we at WCF develop customised solutions from casting. Not only the correct geometry, but also the material to be used plays an important role. Together with our customers, we design and develop specific solutions to meet all requirements such as the stresses caused by loading, atmospheres and temperatures.

We supply to customers who use walking beam, rollerhearth, rotary hearth, chamber, or pusher furnaces. Our components boast impressive longevity in various atmospheres. These components are used in heat treatment, hardening, nitriding, LPC, tempering, and many other furnaces.

Our product range comprises:

- Jacket pipes, Flame tubes
- Recuperators
- Pressure pieces, Nozzle pieces
- Thrust heads, Burner heads
- Furnace chains, Furnace doors, Swirlers, Skid rails
- Centrifugally casting pipes in the desi red lengths
- Cast covers, flanges and, spacers
- Conveyor rollers, Transport rollers
- Driving and guiding rollers
- Cast link belts
- Charging equipment
- Cast transport frames
- Walking beams
- Uprights
- Tabs made of special alloys such as UMCO 50 or 51
- Hearth edge angles for rotary hearth furnaces
- Fans for cast shaft furnaces

Steelmill industry

Tailor-made solutions that are individually adapted to the needs and requirements of the customer are important especially in the steelmill industry. The extreme variety of products in a wide range of materials constantly poses new challenges for moulders. But thanks to our extensive knowledge of materials and casting, WCF can offer customers almost endless possibilities, which can also save costs and extend the product life. Even if drawings are not available, WCF can reconstruct them by analysing the material and taking measurements. 3D scans are also possible for components that appear to be complex. By optimizing the process chain, WCF offers fast processing, from enquiry to delivery, at a fair cost model.

Our strength also lies in our ability to offer solutions that are not part of our core business. For example, products such as bearings in ceramics and hard alloys based on cobalt-chrome can be produced using the sintering process.

Our product range comprises:

- Furnace rollers
- Jacket pipes
- Zinc bath rollers
- Tabs made of special alloys such as UMCO 50 or 51
- Bearing boxes
- Furnace beams
- Walking beams
- Sinter grate bars
- Link apron belts
- Mill stands
- Crushing rollers
- And many more

Mechanical and plant engineering

Subdivisions of general mechanical engineering, such as conveyor technology, fluid mechanics, or drive technology require many individual components, which in most cases are costly to machine.

We at WCF produce near-net-shape components in a wide variety of geometries, sizes, and materials, tailored to customer requirements. We manufacture vertical ranges such as raw, pre-machined components, or finished components.

Our product range comprises:

- Housing
- Bushings
- Machine frames
- Valves
- Guide rollers
- Chain wheels
- Mixer blades
- Lining panels
- Machine columns
- Lifting arms
- And many more

Power plant industry

The grinding and burning of natural raw materials such as wood or coal, as well as general household and commercial waste for energy generation, cause abrasive and thermal wear and reduce the service life of wear parts.

We at WCF offer a solution: We develop, construct, and deliver ready-to-install heavy-duty cast parts made of heat-resistant grey cast iron, highly heat-resistant stainless steel casting, and wear-resistant quenched and tempered steel. Special materials are used to produce a longer service life. Our grate bars and integrated components are used in roller, feed, travelling, or horizontal grates. The development and manufacture of air or water-cooled grate bars is also part of our daily business.

Our service includes the pre-assembly of individual grate rows to check the dimensional accuracy and quality. We can also offer customer-specific solutions for the inlet and outlet areas of rotary furnaces and in the area of grinding and crushing tools.

Our product range comprises:

- Side plates
- Kiln-exhibition-doors
- Cyclone separators and diffusers
- Protection shells for pipes
- Inlet and outlet segments
- Slats and scraper chains
- Grate bars for air-cooled grates
- Grate bars for water-cooled grates
- Drag- or slag chain
- Wear plates
- Hammers

Cement industry

Cement is usually a composition of clay, limestone, iron ore and sand. It is used as a component in the further production of concrete, plaster and mortar to achieve the desired strength.

In the production of cement, the raw materials undergo many processing steps. The demands on the components used in the manufacturing process with regard to wear, corrosion and heat resistance are extremely high. For this reason, cement plants carry out regular and important preventive maintenance with fixed cycle downtimes.

WCF supplies wear-resistant castings for crushers and mills and heat-resistant cast components for furnaces, coolers and heat exchangers.

Our product range comprises:

- Inlet and outlet segments for rotary kilns
- Immersion tube systems for cyclones
- Blow-out nozzles for compressed air cannons
- Infeed troughs
- Pendulum flaps, with or without air cooling
- Cooling plates, with slots or holes, with or without pocket
- Grate plate supports
- Stroke bars
- Drag chains
- Outlet pots with wear segments
- Refractory anchors
- Armour plates
- Lifting buckets
- Hammers

A successful company consists of ...

a combination of experience with a spirit of innovation and professional competence. This association has the ability both to shape and influence progress. The world and all its markets are in constant change. Only companies that have recognised this reality and are continuously developing at all levels can enjoy long-term success.

This gave rise to the idea of combining Chinese tradition with the art of German engineering, applying the virtues of both cultures for the benefit of our customers. The result is a very high quality that can be relied on any time, at competitive conditions and guaranteed delivery dates.

Engineers and every buyer will be impressed with our capabilities and performance. A concept like ours will provide greater efficiency and ensure added value for our customers. Advanced staff training and qualifications, as well as the constant optimisation of our company processes, help us to be better tomorrow than today. A company can be only as good as its employees.

Thus our slogan:

„Devoted to castings“

