

KEEP IT COOL

**Your specialist for project-
and application-specific
cooling solutions**



Heat sinks



Housing



Rotary controls



**Tailor-made
cooling solutions**



**Implementation of heat
sinks on the basis of your
drawing**



**Complete logistics
services**



— Cool solutions

We get rid of heat

We develop and implement application-specific cooling solutions for industrial power electronics and are among the European leaders in this sector. We have customers in virtually every branch of industry.

With more than 25 years of experience in the development and marketing of heat sinks, cooling electronic housings and fan technology, in addition to an unequalled range of products, we are the leading provider of project-specific cooling solutions today. Our success is based on the motivation of employees with a high level of technical competence, state-of-the-art production technologies, a full range of logistics services and, not least of all, customer and supplier relations built on trust and respect.

You can depend on us

In implementing your cooling solution, we are at your side from the initial idea through to series production. Our support is based on diverse manufacturing processes and an exceptionally broad supplier base. We deliver our products to consignment and buffer warehouses around the world by every means of transport: land, water and air. Maximum flexibility, quality and reliability of delivery are therefore assured at all times

You tell us what you need – we take care of the rest

When you choose a cooling solution from CTX, you benefit from competent advice, fast order processing, and short delivery times. Our cooling solutions always meet your exact individual requirements. But our service is not limited to delivery of the heat sinks, which are engineered, designed and manufactured for your specific application. We also implement ready-to-install cooling solutions (including mounted inserts and thermally conductive materials on request) in a package tailored to your needs.

Individual logistics services

We take care of all logistics processes for the delivery of the heat sinks and housings. Maximum flexibility and reliability of delivery are therefore assured at all times. With our optimized supply chains and the uninterrupted flow of goods, we can provide you with the required heat sinks in the appropriate quantity at any time.



We use digital processes to track product flows, and we utilize and update your logistics portal. Integration of our logistics in your Kanban system is also possible. We offer you framework agreements for this service.



Custom surface finishing

For optimal thermal dissipation and protection, our heat sinks can be optionally treated using different surface finishing methods.



CNC machining

On request, we offer CNC machining of the heat sinks, to fulfill special precision requirements, for example.



Carefree package

If desired, we can take care of the processing, packaging, and stocking of your heat sinks.

— Our claim

Quality is no accident

In cooperation with our partners we constantly improve the quality of our products and services, in order to be able to offer our customers high-quality solutions and advanced cooling management systems at all times.

It goes without saying that our entire team not only regularly check both the quality of their own work and the internal and external processes, but also discover new approaches for improvement and cooperate in putting them into action.

Our customers can therefore always count on our high-quality cooling products – also in a future with even higher demands.



The optimal production process for every cooling

We offer a broad spectrum of different types of heat sinks. Depending on the required properties and quantities, we use different manufacturing processes:

Die-casting process

Unparalleled cost efficiency with high quantities

skived fin process

Ideal for small dimensions

Bonded fins

Heat sinks with bonded fins

Vacuum brazed technology

Maximum cooling capacity due to cross-linked molecular structures

**Stamping and forming technology**

Ideal for housings, front panels and aluminum technical parts

Extrusion

Cooling in series

Cold forming

Large diversity of designs

CNC machining

For optimal heat transfer

Friction stir welding

Excellent cooling in a compact design

Crimped heat sinks

Press-fit fins for high power density

Our thermal management for your electronic system

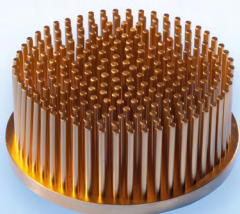
We offer tailor-made active and passive cooling solutions for power electronics in virtually all industrial sectors. We implement application-specific heat sinks and cooling electronics housings and also deliver the compatible fan technology as well as (mounting) accessories and individual packaging.

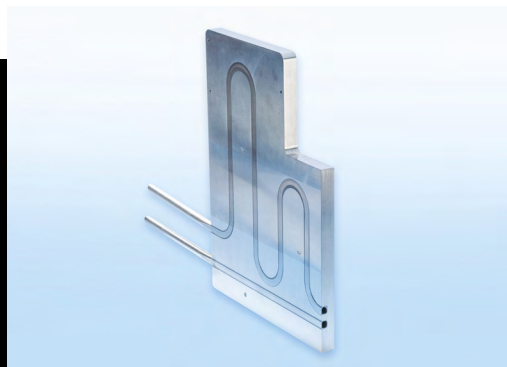
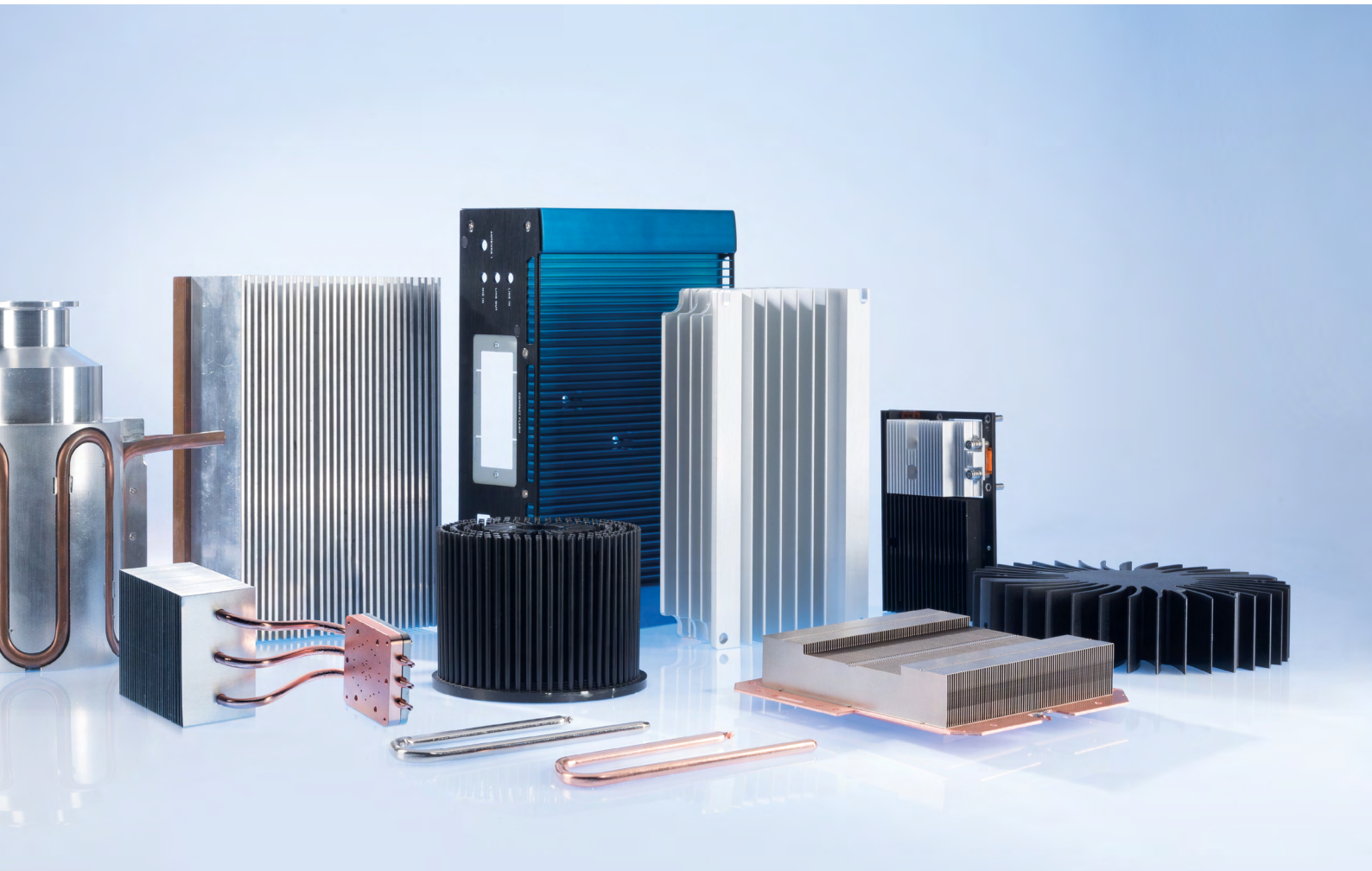
Cooling solutions for power electronics

Whether in computers, frequency inverters or plant controls, TVs, cars or professional lighting – electronic components are indispensable. The increasing networking of industrial processes – the Internet of Things (IoT) – would also not be possible without power electronics. Electronic components are becoming more efficient and more compact, resulting in higher power losses in the form of heat. Efficient cooling is therefore essential for permanently reliable operation of power electronics.

Our heat sinks at a glance:

- Embedded heat sinks
- PCB heat sinks
- Liquid heat sinks
- High-performance heat sinks
- Heat pipe heat sinks
- Profile heat sinks
- LED heat sinks



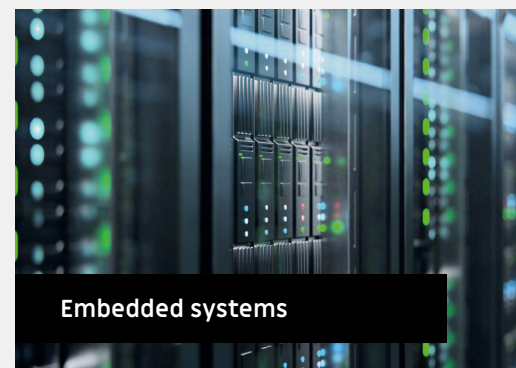


Cooling solutions for electronic components constitute our core business activity. But in addition to project-specific heat sinks and compatible fan technology, we can also implement custom metal housing solutions for you – including the cooling element if desired. We also distribute rotary knobs and technical plastic parts from Ritel Ltd in Switzerland.

— Our products can be found everywhere

Typical areas of application for our heat sink solutions

High-power electronics are the basis for increasing digitization and automation in virtually every area of life. They are used in industrial automation and control technology, (electric) vehicles and entertainment technology, technologies for generating renewable energies and for power supply, as well as medical technology, white goods and railway technology.



TALK TO US

Let us help you find the right cooling solution for your application
– we look forward to your inquiry!



Since power electronics must be cooled, our heat sinks are to be found in all of these applications and many others.



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