



# Sheet metal punching and bending

Ideal for lightweight enclosures, front panels and technical parts

The punching and bending process is ideal for producing lightweight special enclosures, front panels, and technical parts in small and large quantities. Typical materials include sheet steel, galvanised sheet steel, aluminium and stainless steel. After the punching process, the enclosures are bent into shape, fitted with press-fit elements such as bolts or bushes and then anodised, painted, chromated or powder-coated in accordance with the customer's requirements.

Optional services for front panels include film production, custom printing, and laser engraving. The components with project-specific designs are nibbled, laser-cut, and beveled. A complete surface finish is applied on request along with a single-component paint protection.

More infos:



## The advantages of punching and bending technology:

- Customised design
- Light-weight construction
- Optimised material usage
- Flexible and efficient
- Low tool costs



Individual



Reliable



High-performance

# KEEP IT COOL

## Expert thermal management for your electronics

More infos:



CTX is specialised in perfectly fitting active and passive cooling solutions for electronics for more than 25 years. We implement application-specific cooling units and cooling electronics housings for our customers from almost every field of industry. Our wide product range makes us to one of the leading suppliers in Europe.

We support you from the initial idea to series production when you implement your cooling solution. In the process, we draw on a vast range of manufacturing techniques together with an exceptionally broad supplier base.

Our products are supplied to consignment warehouses and security storages worldwide, using ecologically worthwhile ways of land, sea and air transport. This enables us to guarantee maximum flexibility, quality and delivery reliability at all times.



### Application-specific cooling solutions

Our product portfolio includes profile, high-performance, and liquid heat sinks as well as LED and PCB heat sinks, heatpipe solutions and cooling solutions for embedded systems and industrial computers.



### Enclosure technology

Our enclosure solutions include profile and die-cast enclosures as well as enclosures manufactured using stamping and bending technology. Our product range also includes front panels, technical aluminium parts as well as sheet metal, stamped and bent parts.



### Rotary knobs

In addition to general heat sink accessories, we also distribute more than 6,000 different rotary, special and recessed rotary knobs from the Swiss brand Ritel.