



The Blechtech AG handles all aspects of sheet metal processing, including final assembly and quality control.

# Blechtech AG: highly flexible sheet metal processing

The highly skilled team of 56 at Blechtech AG competently handles sheet metal processing in its entirety. From thin to thick sheet metal (25 mm), from single sheet metal parts to complex assemblies, the specialists from Dachsen am Rheinfall deliver Swiss-Made quality at the highest level, on time, every time. The company places great importance on flexibility and gears its efforts to satisfying small to medium-sized runs. The company is excellently positioned in this market segment, not least because it is a certified manufacturer of rail vehicle components.

Managing Director, Vincenzo Visco, starts first and foremost by emphasizing the benefits of being located in Switzerland: "The location of our site offers enormous advantages, perhaps most importantly because it is home to outstanding specialists with reliable expertise and excellent ideas. It is crucial for our team to fully exploit the potential of all our processes, so that we can compete with the services of other countries. Because if quality, delivery reliability and the price are right, then the orders will come our way too."

## Focusing on versatility and flexibility

When the editorial staff asked Mr Visco how Blechtech AG positions itself in the market, he replied: "Our strength is founded on our versatility, speed and flexibility. In addition to this, we advise interested customers on the design of their sheet metal components, because we have excellent know-how in the very specific subject areas relating to the construction and production of sheet metal. Working together with our customers, our specialists are able to optimise sheet metal constructions so that they are designed around the specific characteristics of sheet metal. The technology used to produce them is of course tailored to the plants in our factory, making them more economical to manufacture."

## High-level consulting expertise in sheet metal

Best practice shows that customers should contact the sheet metal specialists before embarking on a project, in order to receive cooperative and competent advice regarding the design of sheet metal components. In this way, the experts can collaborate with the customer to identify the best approach to take before commencing work.

Christian Mannhart (Head of Sales): "Our machinery caters for a wide range of capabilities in the production of the highest quality sheet metal components. Special note should be made of our 2D/3D laser cutting systems, our punching machine, and our water jet cutting process. Thanks to these various procedures, we can respond to our customers' needs with great flexibility. We furthermore have all the systems in place for processing high-quality sheet metal, be it joining processes or fully automated bending. All in all, we have at our disposal all the sheet metal fabrication processes geared for the future."

## Certified for rail vehicles

Blechtech's principle industries of focus include rail vehicles, general mechanical engineering, exhibition stand construction, construction industry, furniture and





Christian Mannhart (Head of Sales), Robert Ravlija (Head of AVOR / Sales ID), Vincenzo Visco (Managing Director) and Roland Moser (Head of Production) in front of the latest Bystar Laser 3015 with fiber laser for maximum sheet sizes of 3000 x 1500 mm.

Bild: Thomas Entzeroth



Very high processing and joining grades can be realised with Blechtech's modern TIG welding systems and laser welding

Bild: Thomas Entzeroth



The extensive machine park has it all covered, including folding and bending jobs.

Bild: Thomas Entzeroth

carpentry, advertising technology, medical technology, apparatus technology and process engineering. The keyword being rail vehicles: The company develops and manufactures a wide range of components and assemblies for the railway industry, not least thanks to its certification according to EN 15085 CL-2 for rail vehicles. The company is also certified to supply the railway sector and offers a range of corresponding technologies. For example, chrome steel toilets, lifts for double-decker carriages and kitchen areas, as well as passenger lifts, high-quality stainless-steel waste bins, panelling, and so on.

Christian Mannhart: "Our strengths are particularly apparent when you look at our manufacturing expertise in the railway sector. Not only are we able to overcome complex problems whilst offering a wide varied of options, we are also able to respond with flexibility and great speed. Our area of specialist expertise lies in the production of individual components of complex assemblies to medium-sized runs of precision sheet metal components. And we pay particular attention to the finishing. Firstly, with precision-cut parts, then with joining operations that not only meet the technological requirements, but also

frequently exceed the limits of what is possible thanks to our joining processes such as 3D laser welding as well as our latest TIG welding systems. Our ability to compete at an international level also constitutes one of our special strengths.

## Outstanding pricing

When asked about the pricing behind sheet metal technology solutions, Vincenzo Visco replied: "Generally, we produce for a more exacting market segment in terms of quality. Most of our customers are companies based in Switzerland. However, we also receive regular enquiries from abroad, perhaps mainly because our sheet metal components represent good value for money. For example: We receive regular orders from Eastern Europe, which we process in full here in Dachsen: punching, laser cutting, bending, forming, welding, and even finishing. We are particularly proud of these kinds of orders. After all, who would have thought that our Swiss sheet metal skills were competitively priced there? But they are. It goes without saying that we process the assemblies and parts with a high level of precision and quality, and we deliver reliably and on time. We offer all this at a reasonable price. This is where our advantages come to the fore: comprehensive quality within the framework of a very good cost structure. We have used this to position ourselves as a Swiss sheet metal manufacturer, to gain credibility both at home and abroad. This is the backbone of our strengths."

Blechtech AG  
Rheinauerweg 17  
CH-8447 Dachsen  
Tel. +41 44 818 95 11  
Fax +41 44 818 95 95  
[kontakt@blechtech.ch](mailto:kontakt@blechtech.ch)  
[blechtech.ch](http://blechtech.ch)

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