

Precision in all Areas

The German company **CDL Präzisionstechnik GmbH & Co. KG** has established itself as a creative and highly innovative specialist for complex metal processing, offering its industrial clients a complete service portfolio for manufacturing and processing series parts and compounds.



Precision at its best
CDL Präzisionstechnik attaches great significance to the planning and simulation of certain processes before the products go into the manufacturing phase

The enterprise was founded in 2002. At that time, Mr. Claus-Dieter Landolt was an executive at Parsys – a division within the Schlafhorst Group that focused on the production of mechanical parts. After a management buy-

out in 2003, Mr. Landolt set up his own business by the name of CDL Präzisionstechnik in the German town of Mönchengladbach. Since this time the company has been focusing on the complex processing of parts made of steel and

aluminium and their cast materials as well as alloyed steels and NE-metals for various industries, including mechanical engineering, automotive, etc. Today, CDL Präzisionstechnik employs 35 experienced members of staff and achieves a turnover of four million Euros.

“Our portfolio encompasses the development of processing concepts for complex prefabricated parts of medium dimen-



sions, CNC high-performance processing methods such as drilling, grinding, turning, and milling, and part management for our clients”, says our interview partner Mr. Claus-Dieter Landolt, Managing Director. The company works with the customer from the beginning of the concept

through to the supply of tools and other devices. The company also commands a CNC high-performance processing segment, which is certified according to DIN EN ISO 9001 regulations, and which focuses on the complete processing of metallic boxes and turning- and long-parts of different materials. For production the company has more than 40 processing machines at its disposal. Last but not least, CDL Präzisionstechnik obtains and stores the raw materials the customer requires and also carries out heat and surface processing in collaboration with renowned partners.

“It is our philosophy to only manufacture the more demanding parts. Simple projects can be carried out by our competitors”, says Mr. Landolt. CDL Präzisionstechnik also produces gear boxes for tractors, frames for combine harvesters and other agricultural machines, boxes with



State-of-the-art technology in all areas
One of CDL Präzisionstechnik's 40 CNC high-performance processing machines with twin heads

a height of 1,000 mm, a length of 4.0 m, and a weight of 25 kg for textile machines, etc. "With our axial control curve we are able to produce extremely precise parts that don't require any heat processing", explains the Managing Director. The enterprise is furthermore an expert in the creation of parts made of compound materials for plasma cutting machines. "Previously, these parts were welded together. But, in conjunction with our OEM partners, we decided to use a module method", Mr. Landolt tells us. "This means that the aluminium sand cast modules are now screwed, glued, and stuck together in order to create a perfect density." The benefits offered by this technology mean a reduction of the single parts, costs are lowered because of the fully automated processing



CDL Präzisionstechnik's axial control curve technology produces parts that don't require any work after the heat processing

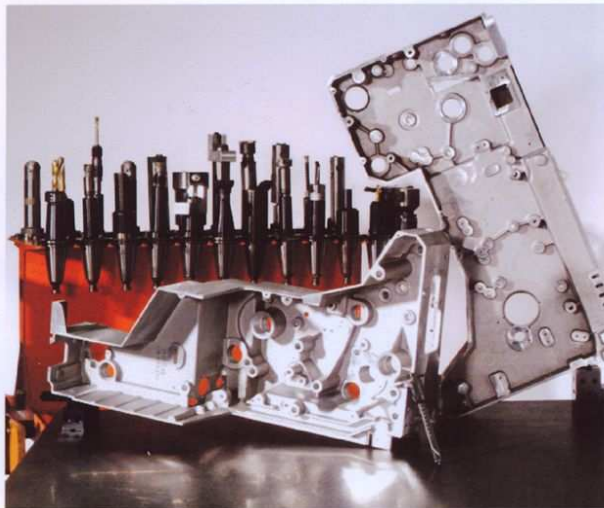
lines, unbeatable precision, and a weight reduction of up to one third.

The enterprise attaches certain significance to being able to adapt the machines to the individual

processing phases. "The client can order on Friday and will receive the products on the following Thursday", Mr. Landolt underlines. "We always endeavour to make use of cost-effective methods in

order to be a quality-oriented alternative to the producers in the low-cost countries. This also encompasses effective communication and logistics." Another service offered by CDL Präzisionstechnik is the high-performance processing of aluminium castings. Through the operation of state-of-the-art machinery and tools, the company is able to process up to five times faster than many of its competitors. "The processing courses are always planned and simulated with our CAD technology", points out Mr. Landolt. "Before the raw material is touched, the entire production process is virtually optimised."

CDL Präzisionstechnik regards itself as a full service provider and industrial partner for customers in



A service only very few companies offer
The high-performance processing of aluminium cast

need of medium-sized and large product series. These customers are, for example, the German Federal Railways, Ingersoll Rand, Bergische Achsen, SHF, FAG, etc. In order to advertise its unique processing services, the company makes use of networking, appears in specialist magazines, and participates in events such as Hanover

Industry Fair. *"We also employ experienced sales representatives and collaborate with several foundries and forges"*, says the Managing Director. The enterprise has a great many plans for the forthcoming years. *"We want to expand through Europe by further diversification and by extending our technological competences in all*

segments", forecasts Mr. Landolt. *"The most important part is played by our employees, and we make sure they are continually trained to keep up to date with modern technology."*



CDL Präzisionstechnik GmbH & Co. KG
Landgrafenstrasse 45
41069 Mönchengladbach
Germany