

→ From the company

TAKE THE FUTURE INTO YOUR OWN HANDS!

ALMÜ's editorial team wanted to know what the apprentices straightforwardly like about ALMÜ. Let's listen to what they say!

For many years, ALMÜ has offered young people an apprenticeship as cutting tool mechanic or technical product designer.

world of tool technology, including a perspective of permanent labor contracts. Currently, we are training seven apprentices who are either in



For us, it is always exciting to witness the curiosity and the enthusiasm with which our apprentices experience

their first year, or just about to enter their professional life. Thus, it was time to ask what they have liked, and what has been special about ALMÜ.

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It is a much multifaceted apprenticeship with a great working atmosphere.

Rahman Sadiki



Find out more details at www.almue.de/karriere/erfahrungsberichte.

Have fun!

the various departments of our company, and to notice what function they are appointed to later. From the classic apprenticeship to the dual education system: we offer young people the entire scope of personal and professional development in the

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Constructing using special programs such as AutoCAD and Autodesk is great fun!

Derman Öztoprak



”

For me, training in an enjoyable atmosphere is important. ALMÜ offers just that.

Tim Kraft

”

The apprenticeship is much diversified, and I learn a lot. A great place here!

Monique Schach



”

I just came for a holiday job - and was instantly enthusiastic.

Lukas Bauer

”

I've always been enthusiastic about CNC technology.

Tobias Bertich



→ ALMÜ keeps growing: a new building and extension of plant 2

ALMÜ BUILDS FOR THE FUTURE

Over the last years, we have experienced steady growth thanks to our loyal customers. One of the reasons for this positive development is that more and more customers want to reduce their production chain cost by turning to a service provider offering integrated solutions. We encourage this by our ALMÜ ALL-IN-ONE complete package.



This positive business performance also leads to increased space requirements. That goes for the technical offices as well as for our production. We react to this development by creating a representative multistory building. On the ground floor, our PCD tool production environment, while the administration and the technical office will move to the first floor. On the second floor, there will be adequate space for product training, as well as larger meeting and conference rooms.

We also take into account the environment and the protection of resources - an aspect especially important to our CEO and master of engineering

Markus Müller: "ALMÜ has always been a future-oriented company. We are striving for training and education of young people, and we pursue an environmentally conscious strategy." Thus, the building is planned to comply with the most modern KWF 70 energy efficiency criteria. The entire building will maintain its temperature by concrete core activation, ensuring that the very strict manufacturing tolerances of our PCD tools can also be met on hot summer days. The entire floor space will be about 1,330 square meters.

On January 15, 2018, the groundbreaking ceremony took place.



EDITORIAL

Dear readers,

Following our motto "tradition meets innovation", we once again picked up interesting subjects for this ALMÜ Insider.

Like many other medium-size companies, we maintain our tradition as a family-run enterprise, and at the same time, we are actively striving toward innovation at any moment.

For instance, we would like to show you the plans for our new building here in Zell. This investment was made possible by the excellent business performance over the past years - and it is necessary because we simply need more space. For us, careful growth also means that we have to offer young people solid training and a long-term perspective. This is why we asked our apprentices about what they are most enthusiastic about.

I trust you will enjoy reading this insider issue!

Yours
Markus Müller

→ Retrofit and ALL-IN-ONE by ALMÜ

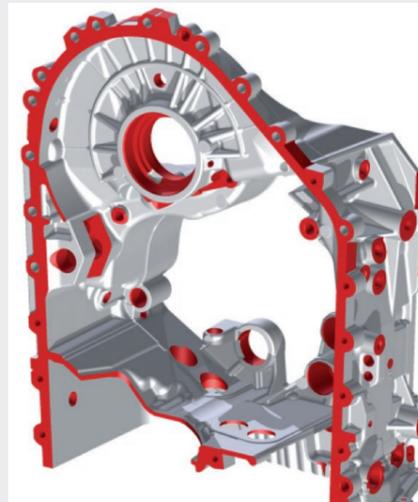
RETROFIT AND ALMÜ'S ALL-IN-ONE PACKAGE

Every manufacturing company keeps facing choices several times each year when it comes to renewing components and devices such as appliances or tools, or to re-engineering devices that have already been used. The main reasons for that are that the products' life cycles are decreasing, and that the workpieces keep being adapted.

Thus, companies need specialists like ALMÜ to analyze the entire production process, and to determine the right mix between retrofitting and renewing tools and devices.

Based on this experience, we also integrated individual retrofitting solutions into our ALMÜ ALL-IN-ONE process. Retrofitting tools is the perfect solution for newer devices, as well as tool packages for "older" machines. We have introduced retrofitting projects in Germany and Europe for years.

As part of a current project, we designed, constructed, and produced a complete tool package for a Spanish customer, which can be used on six already existing Heller machines to produce gear cases.

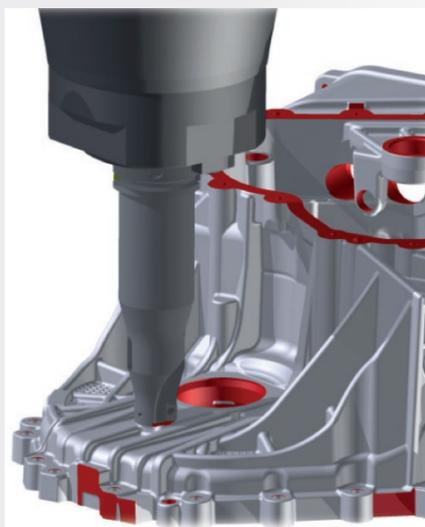


Our tasks were:

1. Process design
2. Time study
3. Tool package
4. Documentation
5. Collision analysis
6. Device (with partner)
7. Programming (with partner)
8. Application

Retrofitting can always bear risks – just as new purchases can. Many reasons speak in favor of retrofitting, especially that tried and tested machines don't have to be disposed of, which can become quite expensive due to environmental reasons. And there is the time-consuming interference with existing production processes, as replacing machines with new ones always leads to interruptions. That also means that present advantages in competition can be at risk.

The answer is thus in favor of more productivity, time saving, and maintaining existing systems and machines.



Our ALMÜ conclusion!

Retrofitting tools and devices saves a lot of costs for new machines and production facilities!

Contact us whenever you have questions – our retrofitting team will be pleased to help you.

ADVANTAGES OF RETROFITTING:



- The entire process and the insertion concept come as a one-stop-service.
- Highest possible quality without adjustment problems, without delayed deliveries.
- Rapid and binding implementation, firm SOP date (start of production)
- Lower investment cost compared to new purchases
- Environmentally friendly performance by protecting resources
- Optimized utilization of the existing machinery
- Optimized tender situation thanks to exploiting lower machine-hour rates of existing machines

DISADVANTAGES:



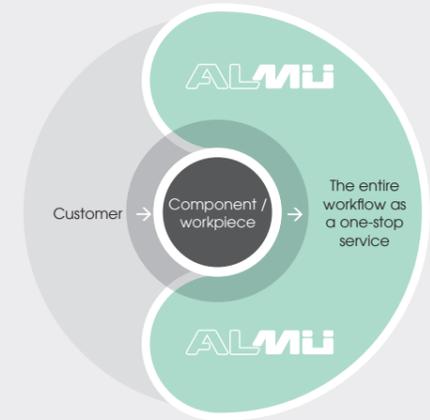
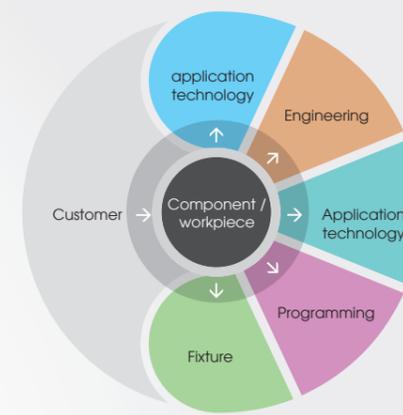
- Older machines may work at lower movement speeds, resulting in longer processing times for a component
- Newer machines usually offer higher cutting efficiency, and are often more exact as they machine the components
- Older control systems may be more laborious to program; linear feeding changes, for instance, are not possible with old control systems

→ Tool technology and fixtures

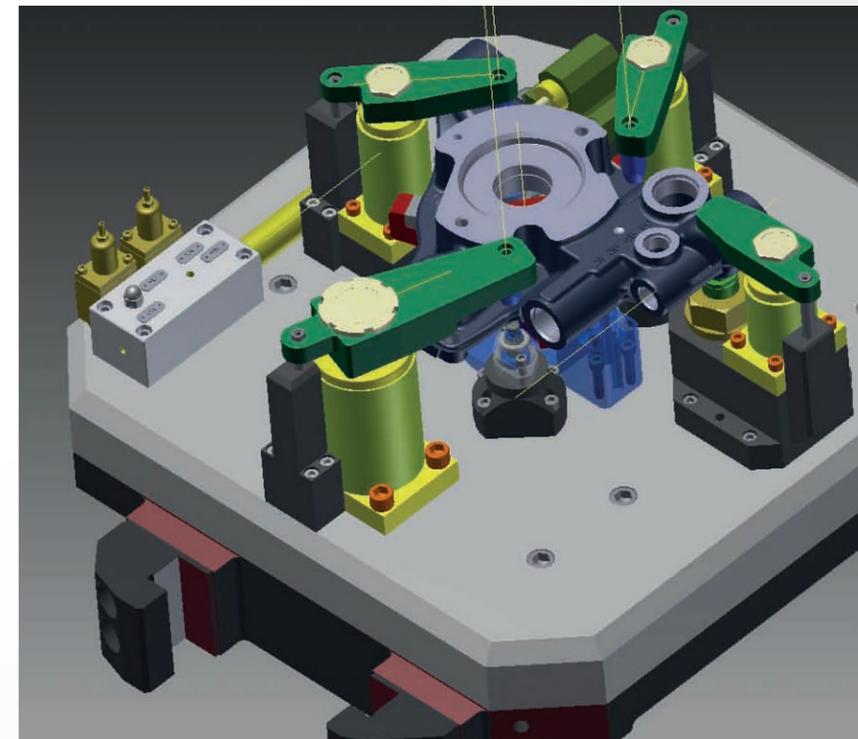
TWO PROCESSES THAT SIMPLY BELONG TOGETHER

The ALMÜ ALL-IN-ONE package has become a factor of success over the last years.

The ALMÜ ALL-IN-ONE package unites and simplifies your entire production chain. You only need one contact to take care of the field of tools and fixtures – which have always belonged together. In many cases, reasons of purchasing lead to splitting up the various services. Often, the tools are bought from a tool manufacturer, the fixtures from a device manufacturer or from an in-house department. Engineering or application technology and



A one-stop service means you only need one contact – who knows what's important.



the following process gets easier, and you save costs.

All this is included in our complete package:

- The complete concept and time study
- Optimized tool package and design
- Design of the cutting process
- Chipping process
- Hydraulic fixture
- Collision analysis

By uniting the tasks of the tool manufacturer and the device designer, quantity production is moved to a new dimension. Our products will provide you substantial advantages in competition by maximizing the productivity of your facilities, and by reducing downtimes.

Make sure you opt for competence when it comes to complex solutions.

Test us, and let's talk about your requirements.

programming are sometimes offered by a variety of service providers. All this can lead to frictional losses as the service providers not always cooperate in a way that optimizes the processes.

As a tool manufacturer, we are much experienced when it comes to finding solutions for our customers' needs.

Based on that knowledge, we successfully implement the ALMÜ ALL-IN-ONE principle for customers in Germany and abroad. They love the simple fact to get all as a one-stop service – for only when all components are perfectly adjusted to each other, you can start serial production with your workpiece that has to be machined. That means saving time,