



**Dear readers,  
dear business partners**

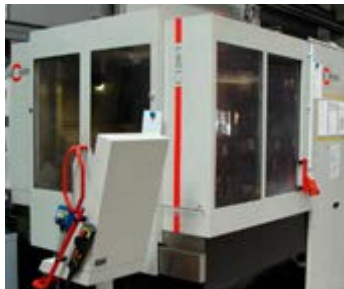
In our current issue of the newsletter we inform you about the expansion of our machinery, new employees, new products and optimization of our production. Read more about this in the course.

**We have invested!**

INVESTMENTS are vitally important with Zimmermann in the 3rd quarter. In the area of machining, two milling machines of the types „Hermle C1200V“ and „Hermle U740“ were added, which make our production in the small parts sector even more flexible and versatile.

We have also further upgraded the EDM area: a Mitsubishi FA 30V wire eroding machine and a Castek Mechatron HK-24 start hole eroding machine are now expanding our production capabilities.

The commissioning of the machines is completed and individual customer requests can already be realized better now. Visit us and convince yourself of the range of our manufacturing potential.



Hermle C1200V milling machine  
Heidenhain iTNC 530 control



Hermle U 740 milling machine  
Heidenhain iTNC 530 control



Mitsubishi FA 30V  
wire eroding machine



Castek Mechatron HK-24  
start hole eroding machine

**May we introduce?**



What makes a good project manager? Janik Hörr „tackles issues“, is ready for action and ready to learn, he is someone who also runs the extra round for our customers and his colleagues.

Moving from the field of forming technology as a career change, Mr. Hörr was initially working at the base in tool assembly for 3 months. The sometimes „different thinking“ and asking leads to positive impulses and shows new perspectives.

Together with Mr. Hörr we are looking forward to upcoming customer projects and wish him every success in the future.



## Solid Air Lock – Plastic Parts Made Easy

Under this heading, our managing director Dr. Michael Neumann was allowed to give a lecture at the 21st Benheim Technology Day on 6 September 2019 and introduce our ZI-Foam Air Lock.

The system technology of the Zimmermann solid air lock differs from other suppliers and processes, not only by the simple installation and operation of the system, but also by the comparatively lower investment volume per injection machine and the simple possibility of retrofitting. The systems are tailor-made for all machine classes. The strain of special materials such as fiberglass-filled materials remains low, so that the properties remain virtually unaffected.



In May 2020 Zimmermann Formen- und Werkzeugbau will present, among other things, this facility at the Kuteno trade fair in Rheda-Wiedenbrück. We are looking forward to welcoming you to our stand.

## We exhibit at Kuteno 2020!



Die kompakte Zuliefermesse für  
die kunststoffverarbeitende Industrie

**Halle 1 • Stand A11**

## Faster and faster thanks to optimized milling processes ...

Within the framework of CIP projects, Zimmermann Formen- und Werkzeugbau together with MMC Hiachi Tool has analyzed and optimized the internal milling processes, which also include the introduction to the trochoidal milling and the multipass milling of inclined surfaces with the barrel milling cutter. This saves up to 70% compared to the previous process.

The trade journal **Werkzeug Technik** took this opportunity to publish a report in its current issue. We do not want to withhold this report from you and send it as an attachment to this newsletter.

## Did you know...

..., that Zimmermann broke the world record in manufacturing the largest injection mould in 1993? With 185 t finished weight, Zimmermann builds the largest injection moulding tool for the production of a plastic single part telephone box with a weight of 60 kg made of foamed polycarbonate.

Today Zimmermann is still one of the mold makers of larger type of construction. These include injection, back injection, or 2K-tools, also with inlay technology, some of which can be designed very differently – for example as a stack, turnable or conversion tool.

Visit us and convince yourself of our competence.

## We have just the right further training courses for your company:

Tool making is our strength – Our module „Basic knowledge of tools and simple concepts – Injection moulding processes and cost-oriented tool development“ convinces with the wide-ranging know-how of our trainers with practical focus.

Under <http://ziform.de/karriere/akademie/> you can get to know the diversity of our training offer and discover the benefits for your company and your employees. We are looking forward to your participation!

