



**Dear readers,  
dear business partners**

You can rely on us. Even in this time of unprecedented crisis it is our claim to continue to be there for you in unchanged high quality.

With our current newsletter we inform you in the usual way about news from our company.

Enjoy reading! Stay healthy!

Your Zimmermann Team

**We did it again...**

We have invested in our machinery again. This time we chose a portal milling machine Droop&Rein FOG 2500 with Fidia C20 path control. This machine is designed for 5-axis machining of large components, as a glance at the traverse paths shows ( $X = 4500 \text{ mm}$ ,  $Y = 2500 \text{ mm}$ ,  $Z = 1200 \text{ mm}$ ). The machine is equipped with a milling spindle changer. This allows all machining operations such as roughing and HSC finishing to be covered. In addition, the machine is equipped with a tool changer with which long unmanned running times can be generated. The fork milling head with swivel ranges ( $C = \pm 360^\circ$  in  $1^\circ$  steps,  $B = 0^\circ$  to  $95^\circ$  in  $1^\circ$  steps) is ideal for 5-sided machining, which guarantees us a saving in set-up time.

Thanks to the „Lookahead“ software, the machine is more dynamic and precise on the contour. The machine is also equipped with FIDIA HMS software and hardware. This allows the machine geometry and the geometry of the milling head to be automatically checked and adjusted to ensure that the machine is always highly accurate.

The machine has already been installed, so that we have been using the system successfully since March 2020.



**We present...**



Back to the roots - this is Torsten Goldammer's motto. After his vocational training and 19 years of professional experience in tool assembly at Zimmermann, it was time for a change of scenery. Torsten worked for a market competitor and gained experience in a management position.

Since February 2020, Torsten has again been strengthening our team as project manager and is available to our customers with his versatile know-how. When asked why Zimmermann again, Torsten answers: „It is the large, complex and demanding injection moulding tools as well as the exchange within the high competence team that make Zimmermann so unique.“



### We set the pace - cycle time reduction

Together with the company Stemke Cooling Systems GmbH we have started a cooperation within a customer project. The focus was on shortening cycle times while maintaining or even improving the quality of the injection-moulded part.

The company Stemke Cooling Systems GmbH has been on the market with refrigerant cooling for many years and is therefore well known in the plastic injection moulding industry. With short impulses, the temperatures of the hotspots in a mould are reduced so quickly that a uniform temperature is created throughout the mould, thus reducing the injection cycle time. A significant reduction of the cycle time can be achieved, which has an enormous effect on the component costs. Sink marks and distortion can be avoided and better surfaces are the result.



By using the Stemke cooling system in our joint project, we have succeeded in achieving the goal of cycle time reduction, which brings us and our customer tangible benefits in terms of productivity and part quality.

### Have you met...

... the metal companies of the Prange Group? Take a look at our current brochure and get to know the companies. Zimmermann is one of 8 Prange companies in the metal industry.

Networking within the group increases the entrepreneurial know-how and expands the circle of our business contacts. This opens up fresh opportunities.

Our own service portfolio is supplemented by selected co-operations, which lead to a strong partnership from which our customers clearly benefit.



### Training is very important to us...

This year we were again able to attract young people to our company. On 3 August we welcomed 9 new colleagues, including 2 dual students, 2 prospective industrial clerks and 5 toolmakers.

We attach great importance to providing our junior staff with the best possible support during their training and to giving them important impulses to help them advance professionally, but also personally. We wish the new employees a good start.

