

### Dear readers, dear business partners,

The end of the year is fast approaching, which is why would like to send you our greetings in the last edition of the newsletter for this year.

In this edition we would like to give you some deeper insights into M Lukas Hemscheidt's bachelor dissertation entitled "The development of controlled temperature monitoring with a double-acting hammer" and introduce you to another member of our sales staff.

We wish you and your families Happy Christmas and all the best for the coming New Year!

Yours Schulte-Wiese Gesenkschmiede

### Successful together



Today we'd like to introduce Lukas Hemscheidt (24 years old) to you. During his studies of Mechatronics at Südwestfalen University of Applied Sciences in Iserlohn he completed his bachelor dissertation here entitled "The development of controlled temperature monitoring with a double-acting hammer"

The dissertation dealt with measuring the hammer head temperature of a drop forging hammer as well as recording and providing the readings through WSW's intranet. In addition a burner system was installed in the forging hammer with which the temperature of the hammer head can be controlled using the SPS control system.

One of the findings which should be noted from the research paper is that by preheating the hammer head an operating temperature within certain parameters can be controlled stably so as to be able to start production efficiently. The advantages include energy efficiency in the preheating process of the hammer head, efficiency in production as well as longer machine run times. Furthermore it is a precautionary measure to avoid hammer damage, which, with too high temperature differences, can lead to plant downtime. The bachelor dissertation dealt with the planning and development of all possible solutions as well as the complete practical implemen-

tation. "What was especially interesting for me was that I was able to work independently in all areas and follow the project through from the early ideas at the outset right through to its complete implementation and full operability ", said Lukas Hemscheidt, "So I had an interesting and multifaceted project and was given every possible support by WSW."

The bachelor dissertation achieved the grade 1.3 (very good). We wish Herr Hemscheidt all the very best both personally and in his professional career.



Hammer head (striped black and yellow) in the drop forging hammer

### Our employees

Since November 2019 we have reinforced our sales department with Andrea Spitz.

"Although I qualified as an industrial clerk and foreign language salesperson in a plastics processing company, "steel" as a material has always accompanied me in further stages of my career.



I have sold rolling parts, welded, forged and stamped parts to customers on the domestic market as well as abroad and for fourteen years to a WSW customer.

In my free time I enjoy gardening, hiking and reading.

I have been warmly welcomed at WSW and I am looking forward to my new tasks"

### 75 trainees, 15 instructors and a load of fun ...



After nearly a year of planning and now the day had at last arrived. They came from all over Germany. Trainees, instructors and personnel managers from the various companies belonging to the PRANGE Group with its headquarters in Plettenberg in Sauerland. At the first PRANGE Trainee Camp on 21.11.2019 and 22.11.2019 at the foot of the Ebbe Mountains near Meinerzhagen 90 participants experienced a two-day event full of valuable impulses, personal impressions and concrete tips for their professional and personal lives.



The programme and the workshops were organised by the HAMB.L. GmbH Team from Olpe, who support trainees personally and professionally during their training.

The first day started with a welcoming address by the organiser Golo Prange and Dietmar Rohleder from the board of the PRANGE Group as well as with an introduction to the G.E.D.A.N.K.E. concept by the HAMB.L. company.

During the joint exercises which followed the trainees got to know each other and in addition got to know themselves better: What does self-confidence mean for me, which values are important for me, what are my habits and how is that with the other people?

After an intensive and successful first workshop day the evening was spent enjoyably, sustained at the food trucks of Axel's Wildgrill for game specialities and Pizzeria Etna from Plettenberg and came to a pleasant and relaxing close.

"it was astonishing to see how very open the participants were with

each other. Most of them had only met each other for the first time that day", said Björn Müsse, managing director of HAMB.L. GmbH.

The second workshop day was dedicated completely to the theme "Health". The participants created a positive vision of age and did some posture training where the participants all gave each other feedback on their posture and positive appearance.

"The aim of the Prange Trainee Camp was to bring together trainees, instructors and personnel managers from our companies, which are spread all over Germany, and to get them talking to each other and to thank them all for their fantastic work", Otto Prange stressed, the founder and member of the supervisory board of the PRANGE companies.

As a conclusion to both days joint team values and therefore company values too were worked out. "It was good to see how in the course of two days 90 people who could not have been more different from each other grew together to form one big team" is how Vivien Seuthe, joint organiser of camp, summed it up.



The trainees especially enjoyed the variety of the two days and the relaxed atmosphere, which HAMB.L. GmbH succeeded in bringing about. Together they experienced a lot of cooperation, openness and understanding. There was no shortage of positive feedback at the end: "I really hope that there will be a repetition or a follow up. It was a really fantastic event" said one of the female participants.

### Your direct line to us:

**Wilhelm Schulte-Wiese Gesenkschmiede GmbH & Co. KG**  
Ebbetalstraße 164a • 58840 Plettenberg • Germany  
Tel.: +49 (0) 2391 9759-0 • Fax: +49 (0) 2391 9759-10  
Managing Director: Dietmar Rohleder and Dipl.-Ing. (FH) Cengiz Tezsoy  
[www.schulte-wiese.com](http://www.schulte-wiese.com) • E-Mail: [info@schulte-wiese.com](mailto:info@schulte-wiese.com)

### Follow us:

