

Aluminium Day at CLOOS

Innovative welding processes and practice-oriented solutions

HAIGER, June 2022 - On 1 June, CLOOS organised a customer conference at its headquarters in Haiger with a focus on aluminium welding. Around 40 experts from all over Germany used the platform to learn about and exchange information on innovative solutions for manual and automated welding of aluminium materials.

"As a lightweight and comparatively strong material, aluminium offers great potential for many applications," explained Christian Paul, Head of Application and Process Development at CLOOS, who guided the participants through the conference programme. "Despite the many advantages, aluminium places high demands on the welding process and requires special knowledge. We will show you what is important in aluminium welding."

First of all, Uwe Mückenheim from SLV Halle gave the participants an overview of the material-specific basics of aluminium and welding processing using arc processes. Then the participants learned about the diverse CLOOS welding processes for thin and thick plate applications in the aluminium sector. They were able to experience these live during the practical demonstrations in the CLOOS application centre.

Besides, CLOOS presented many new developments around the topics of networking and digitisation. In addition, the participants gained an insight into the complex production processes and the high vertical integration during the factory tour. The common communication breaks and the concluding get-together offered the experts plenty of space for exchange and networking.



Photo 1: Around 40 participants learned about innovative technologies for aluminium welding at CLOOS.



Photo 2: During the practical demonstrations, the participants were able to experience various welding processes live.

CLOOS Welding technology: Robot and welding technology from a single source

Since 1919, Carl Cloos Schweisstechnik GmbH has been one of the leading companies in welding technology. More than 900 employees all over the world realise production solutions in welding and robot technology for industries such as construction machinery, railway vehicles, automotive and agricultural industry. The modern CLOOS welding power sources of the QINEO series are available for a multitude of welding processes. With the QIROX robots, positioners and special purpose machines CLOOS develops and manufactures automated welding systems meeting the specific requirements of the customers. The special strength of CLOOS is the widely spread competence. Because – from the welding technology, robot mechanics and controller to positioners, software and sensors – CLOOS supplies everything from a single source.

Press contact:

Carl Cloos Schweisstechnik GmbH
Carl-Cloos-Strasse 1
35708 Haiger

Stefanie Nüchtern-Baumhoff
Tel. +49 (0)2773 85-478
E-Mail: stefanie.nuechtern@cloos.de