**Cooperation promotes technology and know-how transfer**

**CLOOS and SDFS   
agree on partnership**

HAIGER/KREUZTAL – In the middle of February Carl Cloos Schweisstechnik GmbH concluded a cooperation agreement with SDFS Smarte Demonstrationsfabrik Siegen GmbH. CLOOS places a compact robot cell for welding the rear axles of the e.GO Life electrical vehicle at the disposal of SDFS. Subjects of artificial intelligence, digital connectivity and interconnectivity with the Demonstrationsfabrik Aachen are tested in the SDFS research facilities.

"As a high-tech seller of individual welding solutions we actively advance the research of innovative technologies", says CLOOS Managing Director Sieghard Thomas. "We are looking forward to the knowledge exchange with SDFS and are sure that the partnership will provide valuable impetus for developing our products further”. The welding specialists with its headquarters in Haiger, Hessen, place their emphasis to digitalisation and connectivity both in their own production and with regard to the product development. “The global demand increases for highly automated and intelligent robot systems where the single components and master systems are linked with each other,” explains Thomas. So the new CLOOS gateway C-Gate, for example, allows a user-specific visualisation, analysis and further processing of the operating and welding process data.

“Since the very first meeting, CLOOS made us feel talking with a professional and technically strong partner”, emphasises SDFS Managing Director Christian Pulz. “Due to the partnership started today, we expect to make a big step of innovation into the digitalisation in welding technology together with CLOOS”.

The SDFS Smarte Demonstrationsfabrik Siegen GmbH arose from the cooperation of the Siegen University with the RWTH Aachen. The idea of SDFS is to build up a real factory as a living laboratory where industry and university institutes work together near to the practical reality. For this, an attractive modern location with innovative infrastructure is built on the site of Achenbach Buschhütten GmbH & Co. KG in Kreuztal-Buschhütten. There, many different partners join in a strong network with their special wealth of experience and their motivations.

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**Photo 1:** CLOOS, SDFS and Achenbach Buschhütten want to advance the technology and knowledge transfer together.

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

Since 1919, Carl Cloos Schweisstechnik GmbH is one of the leading companies in welding technology. About 750 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 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.

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