

## CLOOS at SCHWEISSTEC 2019

# Innovation from Tradition

HAIGER/STUTTGART – At the trade fair duo of Blechexpo and Schweisstec from 5 to 8 November 2019 in Stuttgart, the visitors can inform themselves about all innovations of industrial sheet metal processing and cutting and joining technologies. This year, the theme of the exhibition booth of Carl Cloos Schweisstechnik GmbH is "100 Years CLOOS: Pioneers of Welding Technology" because the long-established company celebrates its 100 year anniversary. In hall 7, booth 7413 CLOOS will present innovative solutions future welding technology.

In Stuttgart, the visitors can expect a multitude of new products and innovations for a quicker, more economic and more flexible welding production. The welding specialists will offer technologies from the entry to the premium level and from manual welding machines to automated robot systems from a single source.

Trade visitors can experience the wide QINEO welding machine range in live-demonstrations. The focus here is on the new QINEO NexT MAG. The high-tech MIG/MAG welding power source convinces by excellent arc characteristics for highest welding quality. The modular design allows many utilisation possibilities – from the basic welding machine for manual welding to the multiprocess welding machine for automated robot welding.

### **The right welding process for every application**

CLOOS will also show new and proven welding processes for maximum productivity and quality. The new process family MoTion Weld for automated MIG/MAG welding is in the main focus. Due to the controllable heat input into the workpiece and the minimised spatter formation at high welding speeds, the MoTion Weld processes are particularly suitable for thin plate applications.

Besides, the welding specialists will present the possibilities of additive welding for the first time. Here a multitude of different components can be produced economically and resource-efficiently.

### **Industry 4.0 in welding technology**

Another exhibition highlight ist the new Gateway C-Gate by CLOOS. This enables demand-based management of welding and robot data. All

information is entered and processed centrally in an integrated information and communication tool. The new system consists of the system-related hardware and different software modules. With the production module users can illustrate the performance and the efficiency of their robot systems, localise shortages and increase the efficiency.

Furthermore, the visitors can look forward to the new Instant Robot Programming System IRPS for efficient welding with minimum programming effort. IRPS automatically allocates the welding program out of a database after a 3D scan of the workpiece.

### **CLOOS at SCHWEISSTEC 2019: Hall 7, booth 7413**



**Photo 1:** The new high-tech MIG/MAG welding power source QINEO NexT convinces by excellent arc characteristics for highest welding quality.



**Photo 2:** The dashboard of the new C-Gate offers many functions to visualise welding and robot data.

### 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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