

CLOOS Retrofit: QIROX Controller Upgrade

Make existing welding robot systems fit for the future

HAIGER, March 2021 – It is not infrequent that industrial robots and welding equipment by Carl Cloos Schweisstechnik GmbH remain in service for more than 20 years. As the requirements for a modern welding production are continuously increasing, quick and efficient adjustments are often necessary. The CLOOS service team advises and helps users with any modifications/retrofits required on your robot systems to increase their productivity and to adapt them to changed requirements.

With the QIROX Controller Upgrade, CLOOS brings your controller up to the latest state of the art. Thus users can considerably increase the performance and efficiency of their existing system without investing in a completely new system for automated welding. With the QIROX Controller upgrade, they can use new functions and technologies to increase the efficiency of their welding production to a new level. The new QIROX Quick Weld Programming operating software in connection with the new QIROX Operating System QOS and the new QIROX Technology Interface QTI enables an even more user-friendly, intuitive operation of the QIROX welding robots. Thus users reduce their programming times considerably.

Thanks to the CAN interface they can also easily modernise their welding technology with the new welding power sources of the QINEO series. In addition, they can access all data and information from their welding production in real time with the optional CLOOS digitisation platform C-Gate. Last but not least, users benefit from the increased spare parts availability by updating the robot controller.

To use the welding power sources in a competent and efficient manner it is decisive to train the employees well. In customisable seminars users get familiar with the safe operation and programming of the robot using the updated controller. They reinforce the knowledge and skills learnt by practical exercises in small groups using real robot systems and actual technical components.



Photo 1: The QIROX Controller Upgrade brings CLOOS robot controllers of older robot systems up to the latest state of the art.

**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 800 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.

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