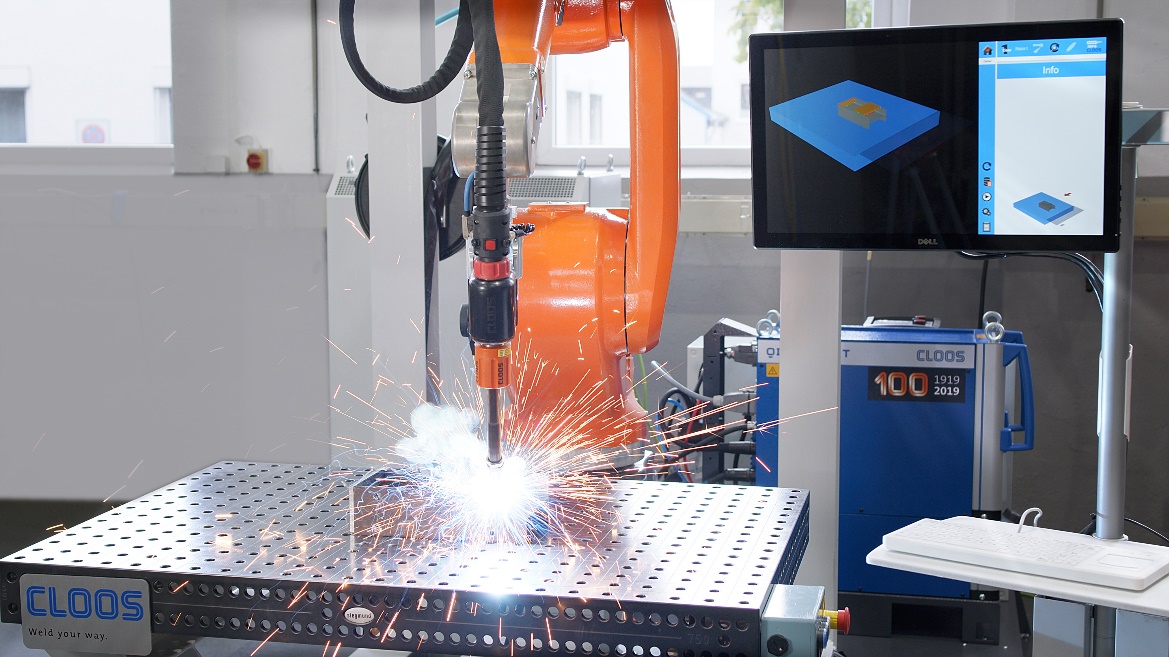
IRPS:   
Instant Robot Programming System

**Efficient welding of small batch sizes without programming effort**

HAIGER/DRUTEN, July 2019 – Quick and easy welding of single parts – particularly in steel and metal construction, the programming expenditure for automated welding of small batch sizes is often disproportionally high. With the IRPS Instant Robot Programming System users create programs for automated welding in a short time. So the automated welding of workpieces in batch size 1 pays off now. Carl Cloos Schweisstechnik GmbH offers the new system in cooperation with the Dutch company INSTANTpro B.V.

The operator freely positions the tacked workpiece on the robot working station. Then he starts scanning at the IRPS screen. The scanner mounted at a linear track scans the working surface of the robot system and saves the result. The IRPS converts the saved scanner data into a 3D model. Then the IRPS sends the completely generated robot program including all welding data to the robot controller. The operator starts welding via a button at the IRPS screen. Individual changes and parameter adaptations can be made easily and intuitively.

It is not necessary that the operator has a detailed welding and robot knowledge. Due to the complete programming automation, users benefit from an efficient and flexible welding production.

****

**Photo 1:** The IRPS Instant Robot Programming System allows efficient welding of small batch sizes with minimum programming effort.

**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. 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.

**INSTANTpro B.V.**

INSTANTpro B.V. Is a subsidiary of the Dutch family company Exner Ingenieurstechniek with more than 25 years of international experience in project planning, programming and maintenance of robot systems at the most different and well-known customers. On the basis of this know-how, Exner Ingenieurstechniek invests in further simplifying the robot automation and in making it more efficient. Exner employs a special team of developers of camera technology up to software specialists for artificial intelligence.

**Press contact:**

Carl Cloos Schweisstechnik GmbH

Carl-Cloos-Strasse 1

35708 Haiger

GERMANY

Stefanie Nüchtern-Baumhoff

Tel. +49 (0)2773 85-478

E-mail: [stefanie.nuechtern@cloos.de](mailto:stefanie.nuechtern@cloos.de%20)