



VRPS makes teaching easy due to intuitive operation

Virtual Robot Programming System

Panasonic Robot & Welding System Solutions presents the Virtual Robot Programming System (VRPS). This solution enables even unskilled robot operators to execute welding robot programming efficiently. The VRPS uses a digital twin of the welding robot that follows the movements of the manually guided torch model.

Movements and welding tasks are defined on the real workpiece with the torch model, the virtual sequence is then transferred to the robot controller to be repeated by the robot. Two key benefits render the VRPS a great tool to improve your production:

- robot operators do not require years of experience, knowledge, or skill to program the robot
- the robot programming time is reduced drastically by simply using virtual reality on the actual workpiece.

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<https://eu.connect.panasonic.com/cz/cs/robot-welding/virtual-robot-programming-system>