

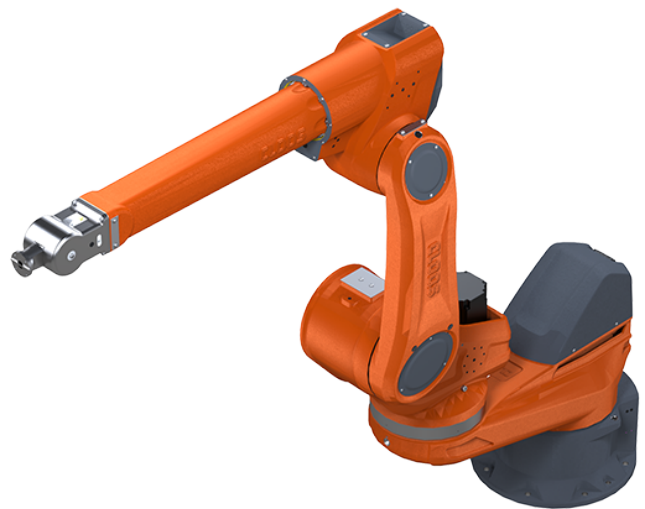


QIROX QRC-410-E

6-axis robot mechanics with classic wrist, 4,100 mm working envelope and extended range by seventh robot axis

The QIROX QRC-410-E is a six-axis articulated arm robot with an eccentric axis 7 which is integrated between robot base and centre point of axis 1. The robot is used in upright or overhead position and is mounted on a base or directly at a robot positioner. The QIROX QRC-410-E has a classic wrist where welding torches, flame cutters and other working tools with a weight of up to 10 kg can be mounted. The integration of a changing tool on the wrist allows the application of more processes with a robot.

- All-rounder: Carries out many different task due to the use of a changing tool and a maximum payload of 10 kg at the wrist
- Processes: Takes over all MIG/MAG and TIG welding processes, optionally leads a laser sensor and carries out cutting tasks
- Flexibility: Modular design for tailor-made systems, perfectly adapted to individual production requirements
- Range: Seventh axis for increasing the working envelope and optimum positioning of the welding torch
- Quality: Repeatability, long service life and maintenance intervals





QIROX QRC-410-E

Technical Data

Series

Design

Number of axes 7

Payload 10 kg

Working area 2545 mm

Mounting area 500x510

Robot weight 345 kg

Mounting

Processes
Plasma and oxy-fuel cutting
Laser welding
Laser cutting
TIG Welding (WDF)
TIG welding
MIG/MAG Tandem welding (WDD)
MIG/MAG Tandem welding
MIG/MAG welding (WDD)
MIG/MAG welding
Handling

Attachment parts

Process

- Plasma and oxy-fuel cutting
- Laser welding
- Laser cutting
- TIG Welding (WDF)
- TIG welding
- MIG/MAG Tandem welding (WDD)
- MIG/MAG Tandem welding
- MIG/MAG welding (WDD)
- MIG/MAG welding
- Handling

Questions about the product?

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Technical modifications reserved
Version: 20.05.2024

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