



## QIROX QRC-320

### **6-axis robot mechanics with classic wrist and 3,200 mm working envelope**

The QIROX QRC-320 is a six-axis articulated arm robot. The robot is used in upright or overhead position and is mounted on a base or directly at a robot positioner. The QIROX QRC-320 has a classic wrist where welding torches, flame cutters and other working tools with a weight of up to 15 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 15 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
- Dynamics: High dynamics due to slim product design, low weight and ergonomic shapes
- Quality: Repeatability, long service life and maintenance intervals





## QIROX QRC-320

### Technical Data

Series

Design

Number of axes 6

Payload 15 kg

Working area 3200 mm

Mounting area 500x510

Robot weight 220 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?

Your contact partner  
Manuel Benner  
Tel.: +49 (0)2773/85-562  
Automation@cloos.de



Technical modifications reserved  
Version: 20.05.2024

CLOOS