



## QIROX QRC-410

### 6-axis robot mechanics with classic wrist and 4,100 mm working envelope

The QIROX QRC-410 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-410 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
- Dynamics: High dynamics due to slim product design, low weight and ergonomic shapes
- Quality: Repeatability, long service life and maintenance intervals





## QIROX QRC-410

Technical Data	
Series	
Design	
Number of axes	6
Payload	10 kg
Working area	4100 mm
Mounting area	500x510
Robot weight	225 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
<ul style="list-style-type: none"><li>• Plasma and oxy-fuel cutting</li><li>• Laser welding</li><li>• Laser cutting</li><li>• TIG Welding (WDF)</li><li>• TIG welding</li><li>• MIG/MAG Tandem welding (WDD)</li><li>• MIG/MAG Tandem welding</li><li>• MIG/MAG welding (WDD)</li><li>• MIG/MAG welding</li><li>• Handling</li></ul>

### Questions about the product?

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



Technical modifications reserved  
Version: 03.07.2024

