



Roboter QRC 290 mechanics

The QIROX QRC-290 is a six-axis articulated arm robot.

It is mounted on a base or at a robot positioner so that the robot is either used in upright or in overhead position. The QIROX QRC-290 has a classic wrist where gas- and water-cooled welding torches can be mounted.

Technical Data

Swivelling range axis 1	+120° / -120°
Swivelling range axis 2	+160° / -90°
Swivelling range axis 3	+80 / -200°
Swivelling range axis 4	+190° / -190°
Swivelling range axis 5	+140° / -140°
Swivelling range axis 6	+360° / -360°
Swivelling speed axis 1	230°/sec
Swivelling speed axis 2	230°/sec
Swivelling speed axis 3	230°/sec
Swivelling speed axis 4	430°/sec
Swivelling speed axis 5	430°/sec
Swivelling speed axis 6	630°/sec
Operating range	Ø 3740 mm
Operating range Axis 5 +90°	Ø 2920 mm
Operating range height	1940
Pay load	4.00 kg
Repeatability	s +/- 0.15 mm
Collision radius	Ø 550 mm
Floor space	285 mm x 285 mm
Weight	105 kg

Features

