

QIROX Grinding Solutions



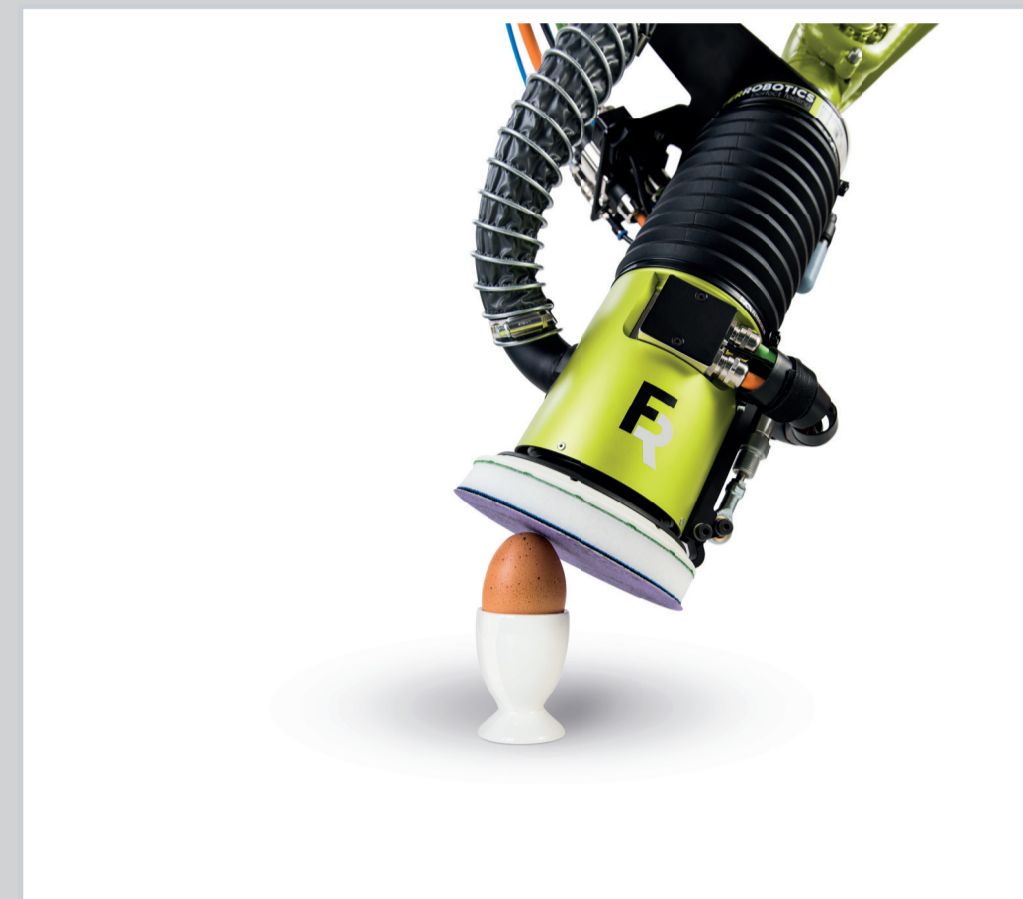
QIROX robot
QRC-30/45/60-PL

- Laser welding, laser hybrid welding, handling, grinding etc.
- Modern materials for reduced weight and slim product design with ergonomic forms



Active Angular Kit

- Grind/remove welds
- Deburring
- For small workpieces
- For large areas
- For high material removal



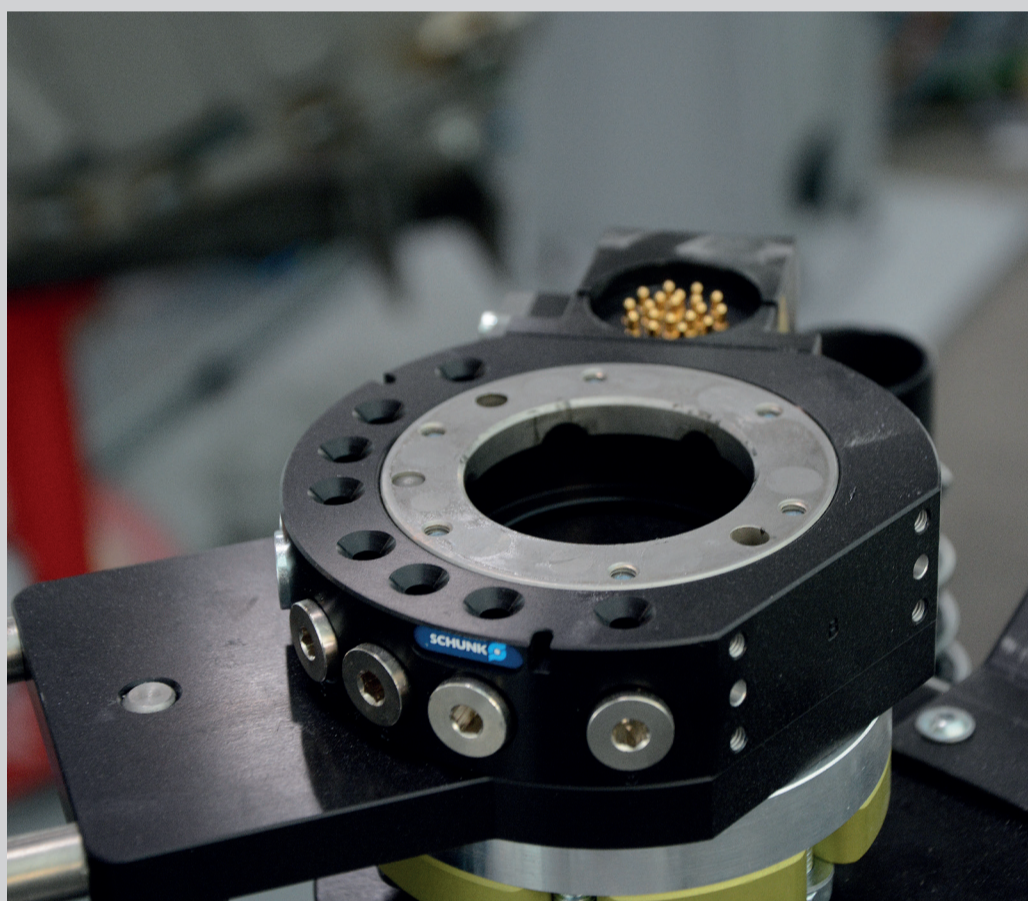
Active Orbital Kit – AOK

- Grinding
- Polishing
- Small areas
- Large areas



Active Contact Flange – ACF

- Grinding, polishing, cleaning, brushing and deburring
- Steel, aluminium, titanium, magnesium, carbon, chrome-nickel



Tool changing system

Combine different technologies!

With the tool changing system, you can use different grinding applications on one robot.

- Combination of different grinding processes and methods
- Use of different grinding applications



Abrasive media changing station

Fast, simple and automatic

With the abrasive media changing station, you can change different abrasive media quickly, easily and automatically. The change of the abrasive media is controlled by a sensor. A sensor monitors the filling level of the magazines.

- Automatic change of different grinding media
- Sensor scanning to monitor the fill level of the magazines
- Sensor control of abrasive media change



CLOOS Grind Control Interface GCI 1.0

Your Human-Machine Interface to the CLOOS robot system

- Simple and intuitive control of contact pressure, rotational speed and feed
- Display with set/actual values
- Additional mobile panel for visualisation during programming
- Optional: Extensive diagnostics possibilities
- Optional: Web interface for grinding control



Grinding applications with patented force/contact intelligence

Sensitive end-effectors for automated grinding

FerRobotics Compliant Robot Technology is the global leader in the development and distribution of sensitive robotic elements (end-of-arm tools / end-effectors) that equip robots and cobots with contact intelligence. The sensitive robotic elements give robots feeling and thus ensure more efficient, finer and more valuable production results.

