

**QCK75  
QCG63**

**AUTOMATIC  
TOOL CHANGER**



Suitable for both automatic and manual  
tool changing



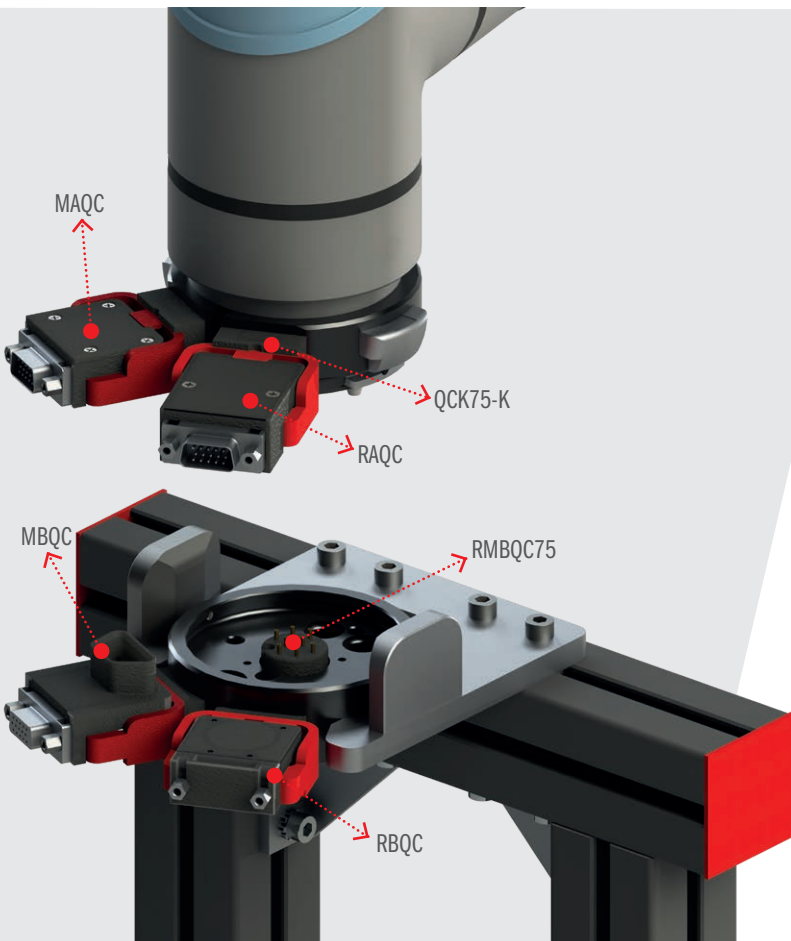
# QCK75

The **QCK75** tool changer maximizes flexibility, functioning flawlessly in both automatic and manual tool changing systems. Its innovative spring mechanism on the robot side (**QCK75-A**) not only enhances performance but also contributes to a more cost-effective solution.

Maintaining a user-friendly design, the **QCK75** tool changer ensures effortless operation. This compact unit boasts a flat profile of only 43mm total thickness, making it ideal for applications with limited space. A central through-hole allows for the addition of electrical connectors while maintaining the unit's compact size. The ISO-9409-1-50-4-M6 pattern guarantees seamless integration with robot wrists.

Built to handle payloads of up to 20kg, the **QCK75** offers robust and reliable performance. For enhanced functionality, various optional electrical connections are available. Additionally, the 4 air ports ensure optimal air distribution for pneumatic tools.

- > 20 kg payload
- > 4 air connections
- > Low thickness, flat profile
- > Compact solution, electrical connectors in the center
- > Suitable for collaborative applications
- > Direct connection to robot, ISO 50 pattern
- > Various optional electrical connectors
- > Possible to use manual or automatic
- > The lock mechanism being on the robot side, it creates a cost-effective solution



## Connections

- > Four air ports used for either vacuum or compressed air.
- > 8-pin electrical connections dedicated (used with RMAQC75 and EMBQC75).
- > Two air connections can also be used for additional 15-pin electrical connectors /MAQC/RAQC for QCK75B)
- > If using the air ports for electrical connections the spacer QCK75-K is required

# QCG63

The Gimatic **QCG63** redefines robotic tool changes with its innovative design. It doesn't require additional power for automatic coupling and decoupling, eliminating the need for external electrical or pneumatic sources during these operations. For situations requiring manual intervention, The **QCG63** contains a convenient rear handle for easy tool swaps. This tool changer boasts an impressive 50kg payload capacity. It also features two 1/8" air connections for pneumatic tools. For enhanced functionality, optional 8-pin electrical connectors enable seamless signal transmission. Ensuring exceptional stability, the **QCG63** includes a stabilization plate for tools exceeding 5kg. Integration is a breeze thanks to the ISO 50 pattern on the robot side, allowing for smooth connection with numerous robots and cobots without the need for an additional adapter plate.

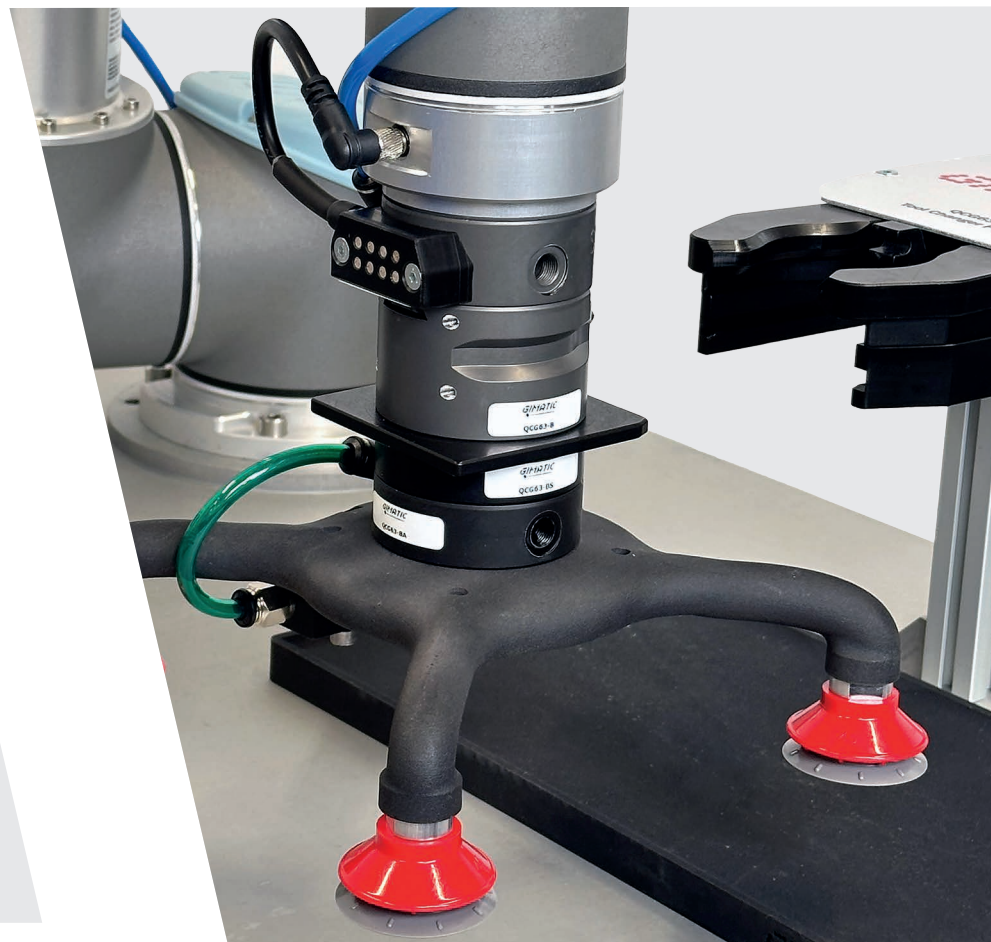
Maintaining exceptional precision is paramount, and the **QCG63** delivers. Its ingenious design cleverly compensates for slight misalignments, guaranteeing flawless operation consistently. Furthermore, the smart wedge design fosters smooth and rapid tool changes, optimizing your production line's efficiency.

- > 50 kg payload
- > 2 air connections
- > Smart wedge design compensates slight misalignments
- > Rapid tool change
- > Suitable for collaborative applications
- > Direct connection to robot, ISO 50 pattern
- > Optional electrical connectors
- > Optional pneumatic manifold for lateral air output
- > Optional stabilization plate for tool storage when payload exceed 5 kg
- > Possible to use manual or automatic



## Connections

- > Two air connections for vacuum or compressed air
- > QCG63-BA manifold can be used if lateral air output needed





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