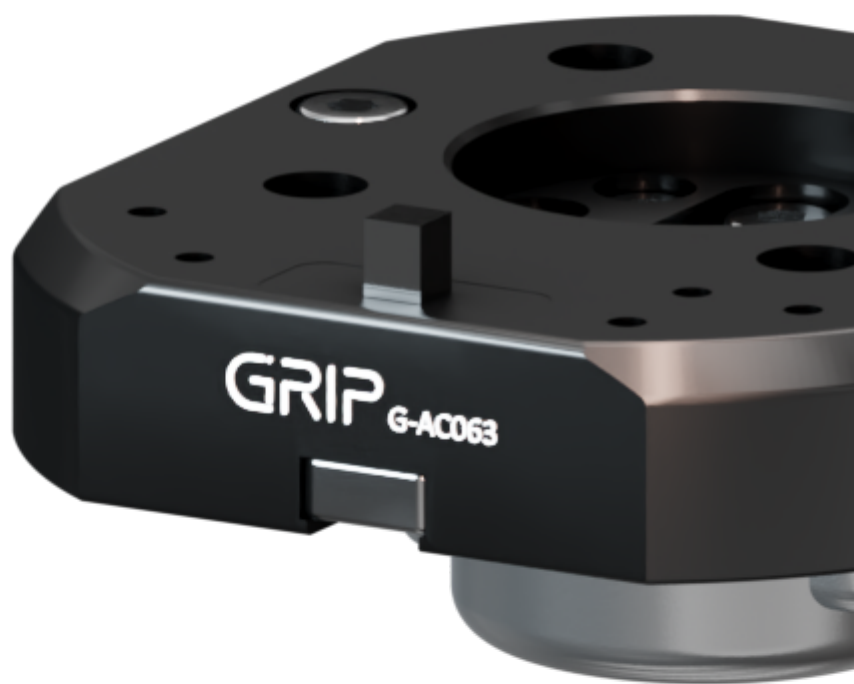


Robot Manual Tool Changers || AC063

The energyless automatic tool changer





GRIP G-AC063
Auto Connector

The Auto Connector is a new type of mechanical connection system that makes fully automatic tool changes possible without any external use of pneumatic or electrical energy. The upper assembly houses the locking mechanism, which ensures a precise and form-locking fitment between the upper and lower assembly. The locking and unlocking mechanism is activated through the robots own movement. Trays make it possible to park multiple types of end of arm tools. An external energy source is not required for the Auto Connector to perform its automatic tool change.

Our AUTO connector range aims at solving robot tool changing issues when there is no pressurized air available or even electrical power. These tool changers offer a quick, repeatable, and reliable alternative to pneumatically/electrically actuated robot tool changers. Installing such a kind of quick connection device makes your equipment versatile, and upgradable, and eases maintenance operation while reducing downtimes.

Advantages

- Quick and reliable tool changes with robot motion lock.
- Versatile equipment due to the installation of a quick connection modules.
- Reduced maintenance downtime with the installation of a quick connection device.
- No external energy source required for automatic tool changes with the Auto Connector.

Benefits

- Increased efficiency with quick and reliable tool changes.

- Cost savings through reduced maintenance downtime.
- Improved equipment versatility and upgradability and then extended productivity.
- Mitigate equipment cost as no additional peripheral is required to control the automatic tool changer

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AC063

Basic material	AL, Anod.
Repeat accuracy	0,02 mm
Pitch circle diameter	50 mm
Tension Fz	1875 N
Compression -Fz	65 kN

Operating conditions

Operating temperature range -30 to +120 °C

Operating pressure 6 bar \pm 1

Notice: The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

No files actually

For more informations

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No files actually

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The manual Tool Changers are designed and manufactured by GRIP Gmbh.

Product Engineering Services is the Distributor of GRIP for the territory of Belgium and France