



VACUUM GRIPPERS



Robotiq Vacuum Grippers can handle a wide range of applications and are ideal for picking up uneven and even surfaces made of different materials such as cardboard, glass, sheet metal (dry) and plastic. Because of the customizable bracket and unique air nodes, Robotiq Vacuum Grippers provide manufacturers full control over their gripper to make sure it's a perfect fit for their applications.

SMOOTH HANDLING FOR YOUR APPLICATIONS



Pick and place



Palletizing



Assembly



Packaging



Machine tending

EXAMPLES

- Flat plastic parts can be taken off a conveyor and stacked in a bin with an EPick Vacuum Gripper.
- Wrapped cakes can be put in a box with an EPick Vacuum Gripper and the box can then be placed on a pallet using an AirPick Vacuum Gripper.
- Bundles of cards can be picked up off a transport cart and loaded on a conveyor with an EPick Vacuum Gripper.
- Wrapped books and magazines can be stacked on a pallet so as they lay flat on top of one another. An AirPick Vacuum Gripper can pick them up and stack them in a box.

TWO HANDLING OPTIONS FOR ALL YOUR APPLICATIONS

AIR PICK

Powerful vacuum flow
Low noise
Compact design for cobots

E PICK

Connected to the cobot wrist
No air supply
Easy to handle

BUILT FOR INDUSTRIAL APPLICATIONS

EASY INSTALLATION

PLUG + PLAY

FULLY CUSTOMIZABLE

EASY PROGRAMMING

Vacuum

Grip Release

Smart Mode

The Smart Mode is an automatic mode that manages the distribution of the vacuum without entering any parameters.

Custom Mode

The Custom Mode allows full customization of the vacuum flow to meet your specific application needs.

Wait until object detected

With this option, the Vacuum Gripper has to detect an object before executing the next command.

Vacuum Grip Mode ?

Smart Custom

Pressure Setpoint %

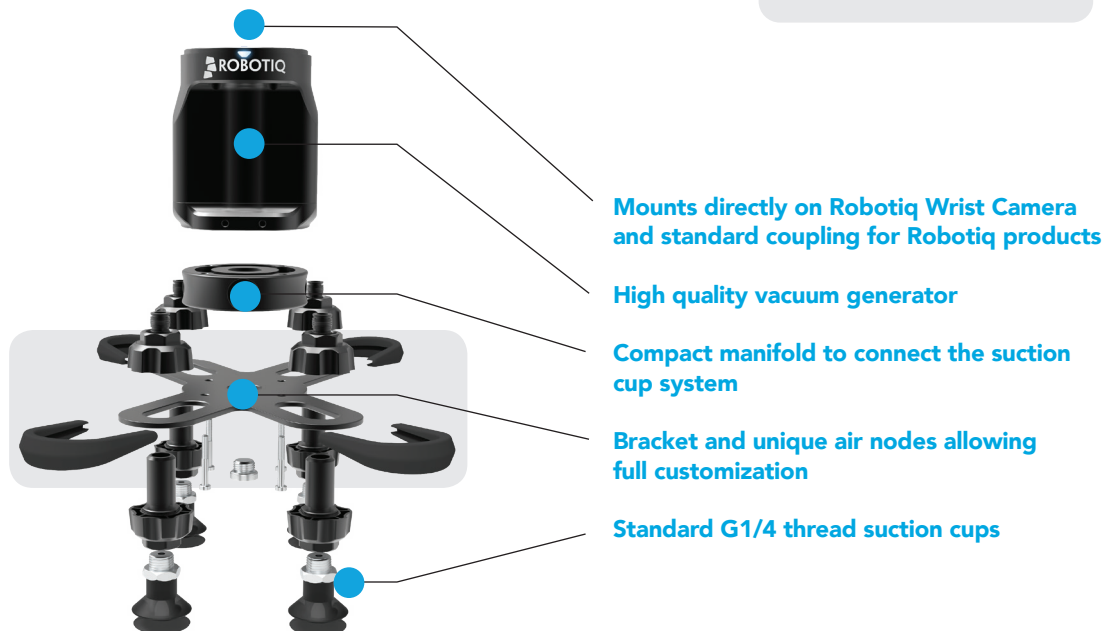
Tolerance %

Timeout: ms

Options

Wait for object detected

SUCTION CUPS SYSTEM



AVAILABLE
ROBOTIQ KITS
FOR
AIR PICK



AVAILABLE
ROBOTIQ KITS
FOR
E PICK



**EASY TO INTEGRATE
EASY TO USE**



SPECIFICATIONS

| | Unit | EPick | AirPick |
|-----------------|-------|-------------|----------------|
| Energy source | - | Electricity | Compressed air |
| Gripper mass | g | 710 | 332 |
| Vacuum level | % | 80 | 85 |
| Vacuum flow | L/min | 12 | * |
| Air consumption | L/min | - | 135,9 |

*See manual for further information.



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