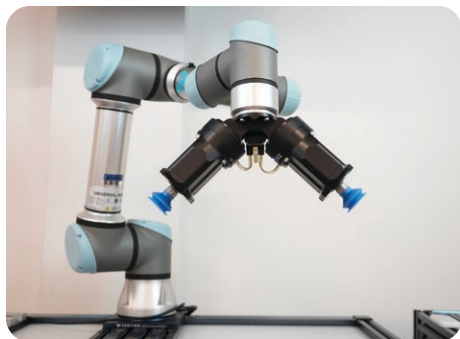
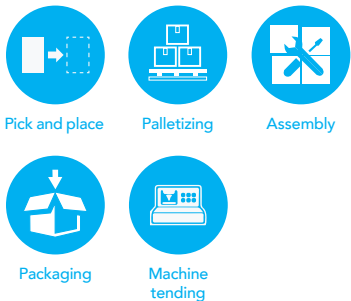


# VACUUM GRIPPERS



## E PICK

ePick stands out for not needing an external air source. It can be easily installed by connecting it directly to the robot arm. ePick handles various applications and can pick up non-porous, even and uneven surfaces made from different materials like cardboard, glass, sheet metal (dry), and plastic. The bracket and air nodes are customizable to meet various application needs. To reach higher throughput, two ePick grippers can be mounted together and pick multiple boxes simultaneously.



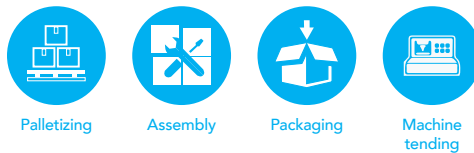
PowerPick10



PowerPick20

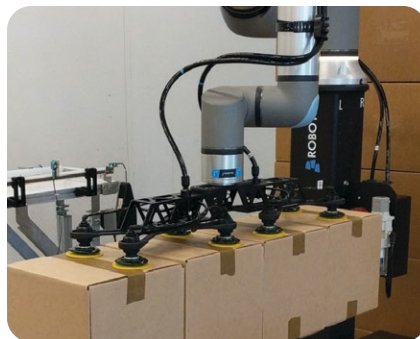
## POWER PICK

The PowerPick gripper line is designed to handle a wide range of applications, with a key focus on maximizing lifting capacity, making the grippers preferred choices to perform heavy-duty tasks like palletizing. Equipped with a vacuum generator that attaches to the base of the robot, the PowerPick grippers set a new standard for lightweight and enhanced lifting performance in their category.



### POWERPICK10

PowerPick10 offers 42 different configurations to accommodate a wide range of box sizes, shapes, materials, and weights without compromising stability. For increased throughput and picking multiple boxes at a time, up to 4 PowerPick10 units can be mounted side by side.



### POWERPICK20

With its impressive strength to lift cases weighing up to 18 kg (40 lbs), PowerPick20 ensures a future-proof palletizing solution for your operations. Engineered with industrial pneumatic grade components, the PowerPick gripper line comes with a dual channel to more effectively control the vacuum flow.





# PLUG & PLAY

**30-MINUTE  
INSTALLATION**

**NO TRAINING  
REQUIRED**

**LOW  
MAINTENANCE**

**INDUSTRIAL GRADE  
COMPONENTS**

|   | ePick                                      | PowerPick10                            | PowerPick20                    |
|---|--|--|--------------------------------|
| <b>DESIGN</b>                                   |  |  |                                |
| Vacuum Generation Source(s)                     | Electricity                                | Compressed Air                         | Compressed Air                 |
| Material Compatibility                          | Non-porous                                 | Porous                                 | Porous                         |
| Tooling Weight                                  | 0.71 kg (1.6 lb)                           | 1.2 kg (2.66 lb)                       | 1.8 kg (4 lb)                  |
| Possible Configurations                         | 6  | 42                                     | 16                             |
| Flow Control                                    | Single Channel                             | Dual Channel                           | Dual Channel                   |
| Maximum Vacuum Level                            | 80 %                                       | 92 %                                   | 92 %                           |
| Maximum Vacuum Flow                             | 12 l/min                                   | 180 l/m (47.6 GPM)                     | 376 l/m (99.3 GPM)             |
| <b>PAYLOAD CAPACITY*</b>                        |  |  |                                |
| Stand-Alone                                     | Up to 16 kg (35 lb)                        | Up to 13 kg (28 lb)                    | Up to 18.2kg (40 lb)           |
| Mounted**                                       | Up to 11.5 kg (25 lb) on a UR10            | Up to 11.3 kg (25 lb) on a UR10        | Up to 18.2kg (40 lb) on a UR20 |
| Compatibility                                   | UR3, UR5, UR10, UR16, Omron, Techman Robot | UR10, UR16, UR20, Omron, Techman Robot | UR20                           |
| <b>ENVIRONMENTAL &amp; OPERATING CONDITIONS</b> |  |  |                                |
| Air Rating ISO 8573-1                           | -  | Class 7-4-4                            | Class 7-4-4                    |
| Size of particles allowed                       | -  | < 40µm (e. g. plant pollen)            | < 40µm (e. g. plant pollen)    |
| Filtration Kit                                  | -  | 5 microns air filter                   | 5 microns air filter           |
| Maximum Air Consumption                         | -  | 305 l/m (80.6 GPM)                     | 564 l/m (149.0 GPM)            |
| Minimum Feed Pressure                           | -  | 3.0 bar (43.5 psi)                     | 3.0 bar (43.5 psi)             |
| Maximum Feed Pressure                           | -  | 8.0 bar (116 psi)                      | 8.0 bar (116 psi)              |
| Connection (Compressed Air)                     | -  | 12 mm OD tube                          | 12 mm OD (tube)                |
| Humidity  | 20 to 80 %                                 | 35 to 85 % RH, non-condensing          | 35 to 85 % RH, non-condensing  |
| Operating Ambient Temperature                   | 5 to 40 °C (41 °F to 104 °F)               | 0 to 50 °C (32 °F to 122 °F)           | 0 to 50 °C (32 °F to 122 °F)   |

\*\*Payload capacity is determined through tests conducted on standard cardboard.

\*\*Total payload capacity when mounted on the robot arm.

**TALK TO AN EXPERT**



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