



VACCUM 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.



Pick and place

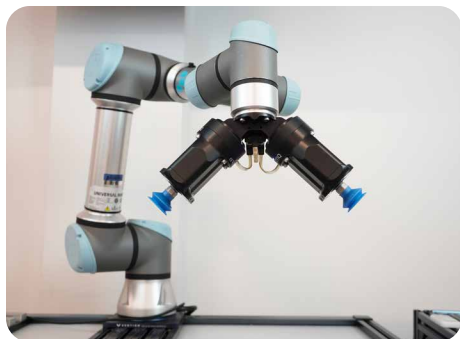
Palletizing

Assembly



Packaging

Machine tending



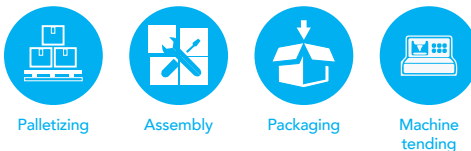
PowerPick10



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.



Palletizing

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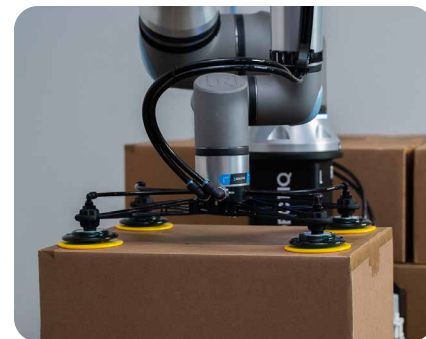
POWERPICK10

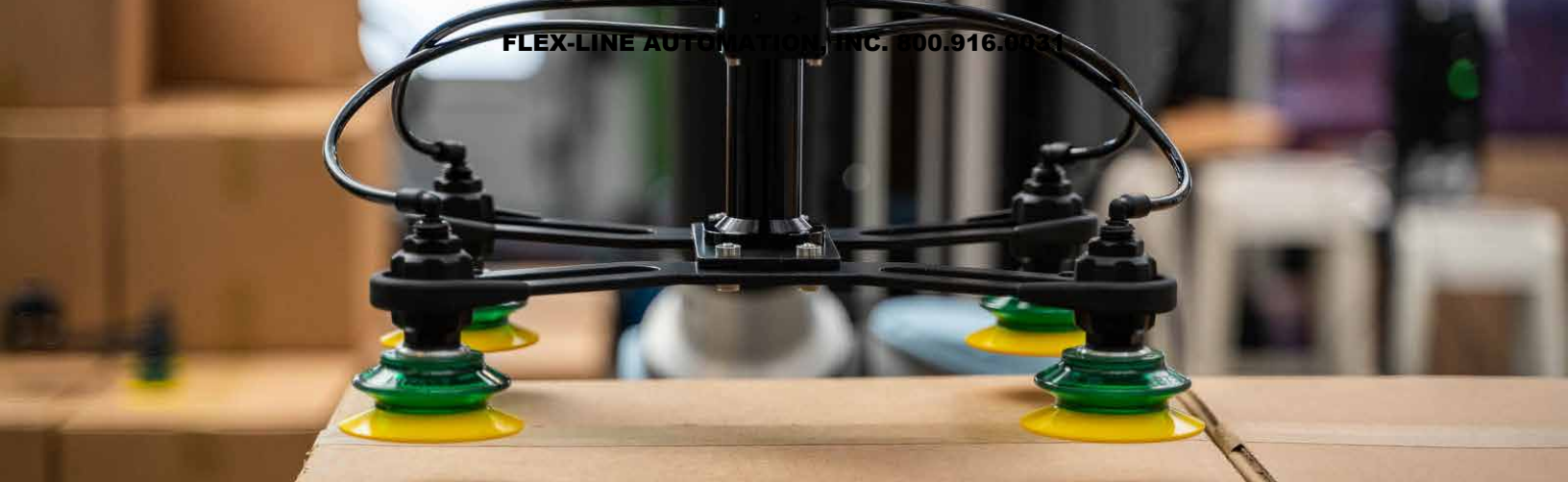
PowerPick10 offers 46 different configurations to accommodate a wide range of box sizes, shapes, materials, and weights without compromising stability. For increased throughput and picking multiple boxes at a time, up to 4 PowerPick10 units can be mounted side by side.



POWERPICK20 NEW

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, PowerPick20 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
DESIGN			
Vacuum Generation Source(s)	Electricity	Compressed Air	Compressed Air
Material Compatibility	Non-porous	Porous	Porous
Tooling Weight	0.71 kg (1.6 lb)	1.07 kg (2.35 lb)	1.8 kg (4 lb)
Possible Configurations	6	46	16
Flow Control	Single Channel	Single Channel	Dual Channel
Maximum Vacuum Level	80 %	67 %	92 %
Maximum Vacuum Flow	12 l/min	257.7 l/min (68.08 GPM)	257.7 l/min (68.08 GPM)
PAYLOAD CAPACITY*			
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 11.5 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
ENVIRONMENTAL & OPERATING CONDITIONS			
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	-	281.7 l/min (74.43 GPM)	281.7 l/min (74.43 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)	-	8 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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