



Vacuum
products

“
**Innovative
Solutions for
Gripping,
Lifting
and Moving**
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Janatics is a leading manufacturer of pneumatic products in India. The company is located in Coimbatore, one of the most industrialized cities in India.

Established in the year 1977, the professionally managed ISO 9001:2015 & ISO 14001:2015 & 45001:2018 certified company has been serving the industry for over 4 decades.

It has wide reach across all segment and provides customer support through its own office spread across the country. National wide stockist provide immediate delivery support.

JANATICS

Over 4 Decades of Excellence



Janatics vacuum technology plays a crucial role in optimizing industrial process flows through automation. This technology enables the delicate handling of sensitive materials, including food products, display glass, electronic components and large-format sheet metal used in car bodies. The ability to securely grip and handle these materials dynamically contributes to the overall efficiency of various industrial processes.

Vacuum Suction Cups

Suction cups are used to grip and move workpiece in a pick and place application.



Variants

- Bellow suction cups with 1.5, 2.5 folds
- Flat suction cups - Round
- Oval suction cups

Benefits

- Wide range of workpiece shapes and sizes
- Very good adaptation to curved or uneven surface
- High suction force and optimum damping effect during pick and place
- No permanent deformation of thin-walled workpieces
- For very short cycle
- For long pipes, profiles or flat workpieces with bars

Technical specification

Type	Size (mm)	Material	End connection option	End connection size
Flat Suction Cups (VS1RF Series)	3.5 - 95	Silicon / NBR	Male thread & Female thread	M3 - G1/4
Bellow Suction Cups - 1.5 (VS1RB1 Series)	4 - 55			M3 - G1/4
Bellow Suction Cups - 2.5 (VS1RB2 Series)	7 - 52			M5 - G1/4
Oval (VS1OF Series)	4 x 2 - 90 x 30			M3 - G1/4

Vacuum Ejector

Vacuum Ejector is used to generate vacuum, which evacuates the air from the space between the cup and the workpiece.



Variants

- Basic Vacuum Ejector
- Electrical Vacuum Ejector
- Compact Vacuum Ejector
- Electrical Vacuum Ejector - Mini
- Compact Vacuum Ejector - Mini

Benefits

- Ideal for decentralized vacuum generation in highly dynamic processes
- Various power ratings for minimum air consumption
- Space saving and easy to install
- Low noise levels and minimum maintenance requirements
- Higher suction rate with minimal compressed air consumption
- Reduction of compressed air consumption by upto 80%
- Highly visible display of important vacuum parameters

Technical specification

Type	Nozzle size (mm)	Connection type	Option	Power supply
Basic Vacuum Ejector (VE11 Series)	Ø 1, 1.5, 2, 2.5	Fitting	-	-
Electrical Vacuum Ejector (VE21 Series)	Ø 1, 1.5	Female thread	NC	24V DC
Compact Vacuum Ejector (VE31 Series)	Ø 1.5	Female thread	NC/NO	24V DC
Electrical Vacuum Ejector - Mini (VE41 Series)	Ø 1, 1.2	Fitting	NC	24V DC
Compact Vacuum Ejector - Mini (VE51 Series)	Ø 1, 1.2	Fitting	NC/NO	24V DC

Spring Plunger



Spring plungers are used for height compensation soft touchdown and protecting the workpiece surface.

Benefits

- Soft placement of the suction cup on sensitive workpieces good compensation for varying workpiece heights
- For a wide range of applications available for all suction cups of the standard range suitable for use with oval suction cups

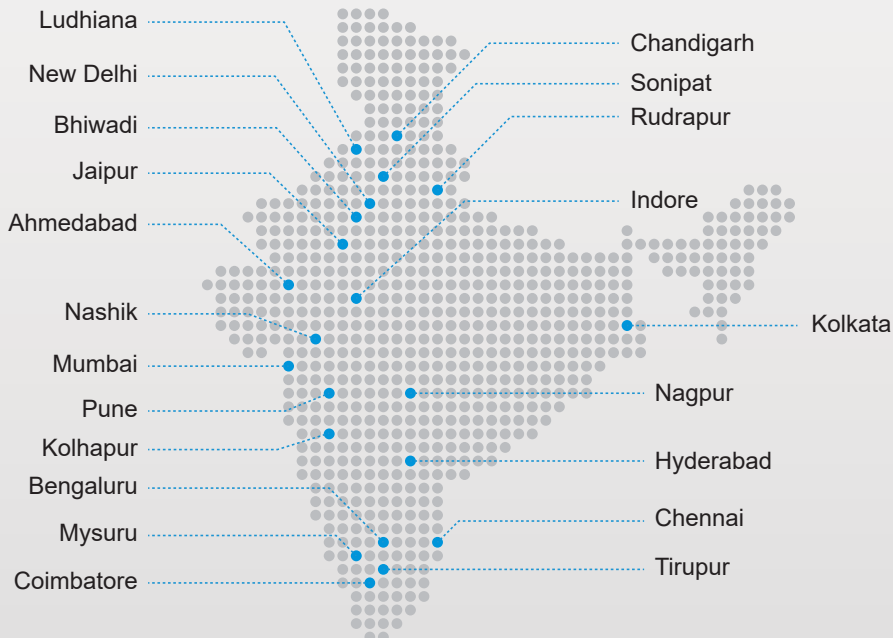
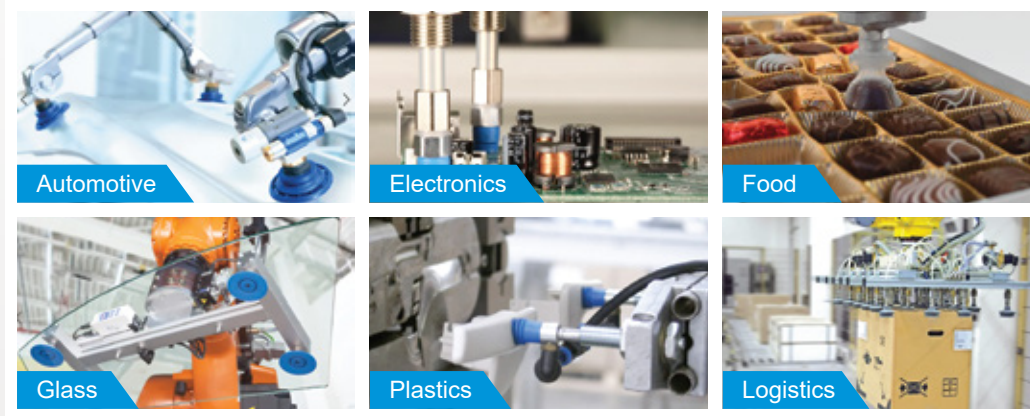
Technical specification

Model	Stroke (mm)	Suction cup connection	Vacuum connection
ASP125-60M60F	25	G1/8 - M	G1/8 - F
ASP125-61M60F	25	G1/4 - M	G1/8 - F
ASP150-60M60F	50	G1/8 - M	G1/8 - F
ASP150-61M60F	50	G1/4 - M	G1/8 - F
ASP175-61M60F	75	G1/4 - M	G1/8 - F

Industrial Segments



Industrial Applications



Marketed by:

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