



Vacuum Cylinder

Developed by our customs engineers, the vacuum cylinder simplifies the pneumatic circuit by providing sequential actuation all from a single vacuum generator. The cylinder operates when vacuum is applied to a single port on the rod guide. When vacuum is applied to the actuator, the vacuum cylinder will extend, make contact, grab and retract with the part. To release the part, simply turn off the vacuum generator.



Benefits

- Simplifies pneumatic circuit
- Eliminates weight on end of arm tooling
- Less actuators required for multi-motion

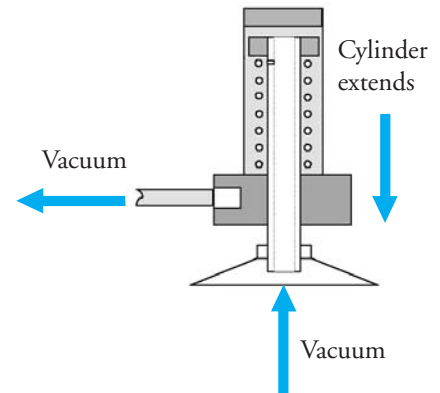
Applications

- Sprue picker
- Sheet feeding
- Pick-n-Place

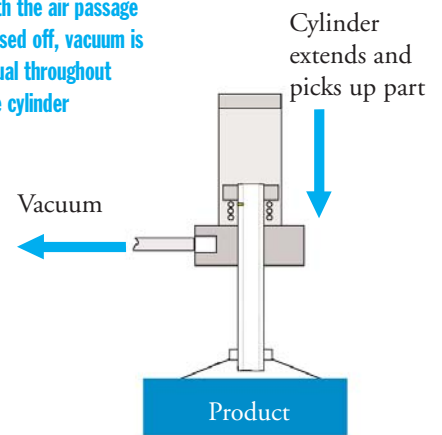
Contact Bimba at 1-800-44-BIMBA or visit bimba.com/distrib/distrib.htm to search for your local distributor

www.bimba.com/solutionsshop

Orificed communicator hole restricts flow which causes rod to extend due to higher vacuum on the bottom side of the piston



With the air passage closed off, vacuum is equal throughout the cylinder



With equal vacuum in cylinder, the larger piston area and spring takes over to retract the rod

